

## Curriculum vitae

### Informații personale

**Nume/Prenume** Dr. WEISZBURG TAMÁS GÁBOR

**Adresa**

**Telefon**

**E-mail** [glaucnite@gmail.com](mailto:glaucnite@gmail.com)

**Cetățenia** Maghiară

**Data și locul nașterii** Budapest,

**Funcția și locul de muncă (universitatea, facultatea, catedra)** Conferențiar Universitar la Universitatea Eötvös Loránd din Budapesta, Ungaria, Facultatea De Științe Ale Naturii, Departamentul Mineralogie  
Profesor Universitar la Universitatea Sapientia din Cluj-Napoca, Romania, Facultatea de Științe și Arte, Departamentul de Știința Mediului

### Educație și formare

#### *Diplome obținute*

2015 abilitare în geologie la Universitatea Eötvös Loránd din Budapesta

2006 abilitare în geologie la Universitatea din Miskolc

1996 Universitatea Eötvös Loránd din Budapesta, Ph.D., doctorat în geologie

1989 Institutul de Limbi Moderne, Budapesta, certificat, lb. engleză

1988 Universitatea Eötvös Loránd Budapesta, doctor universitar, mineralogie

1981 Institutul "Goethe" Viena, certificat, lb. germană

1980 Universitatea Eötvös Loránd Budapesta, MSc, diplomă universitară în geologie

#### *Burse, stagii de studiu în străinătate*

1992 SUA (Facultatea de Geologie, University of Idaho)

1991 Marea Britanie (Departamentul de Mineralogie, Natural History Museum, London)

1984 Austria (Facultatea de Mineralogie și Cristalografie, Uni Wien)

#### **Experiența profesională**

1980-88: Universitatea Eötvös Loránd din Budapesta, Catedra de Mineralogie: inginer – cercetător

1988-96: Universitatea Eötvös Loránd din Budapesta, Catedra de Mineralogie: cercetător – lector universitar, responsabilul colecției de mineralogie

1996 – în prezent: Universitatea Eötvös Loránd din Budapesta, Departamentul de Mineralogie: cercetător principal – conferențiar universitar

Membru în Școala doctorală Științele pământului și Știința mediului, Universitatea Eötvös Loránd din Budapesta, Membru în Școala doctorală Științele pământului, Universitatea din Miskolc

2021 – în prezent : profesor universitar titular la Universitatea Sapientia din Cluj-Napoca, Facultatea de Științe și Arte, Departamentul de Știința Mediului

#### **Alte funcții deținute (nedidactice)**

2015 – în prezent: directorul Departamentului de Mineralogie din ELTE  
2006-2015 : director al Muzeului de Științe ale Naturii din ELTE  
2007 – în prezent : director al Parcului Geologic de la Tata al Universității Eötvös Loránd (rezervație naturală și muzeu geologic în aer liber)  
2008 – în prezent: președintele comisiei didactice din cadrul Centrului de Știința mediului din ELTE

### **Limbi străine cunoscute**

#### ***Nivel vorbit/scris***

Engleză – nivel avansat, scris și vorbit

Germană – nivel mediu, scris și vorbit

Rusă – nivel mediu, scris și vorbit

### **Activitatea didactică (cursuri, seminarii, lucrări practice conduse)**

***Cursuri predate la Universitatea Eötvös L., Budapesta; începând din 1981 până în prezent:***

#### **Cursuri introductive** (anul 1 de studii):

Introducere în geologie I. (1 semestru, 3+0; specializarea științele mediului)

Mineralogie (jumătate semestru, 2+2; specializarea geografie)

#### **Curs principal** (anul 2 de studii)

Metode analitice aplicate în geologie (2 semestre, 1+2; specializarea geologie)

#### **Cursuri avansate** (anul 4 și 5 de studiu)

Chimia cristalelor (1 semestru, 2+0; specializarea chimie)

Tehnici speciale de analiză: microscopie electronică de transmisie (5-7 grupe/semestru; specializarea chimie)

Istoria mineralogiei (1 semestru, 2+0; studii avansate de geologie, biologie, chimie)

Mineralogia topografică a Ungariei (1 semestru, 2+0; studii avansate de geologie)

### ***Conducător științific de lucrări (la Universitatea Eötvös L., Budapesta)***

Lucrări de licență/disertații în mineralogie/geologie

Conducător de doctorat în domeniul mineralogie/geologie la 10 doctoranzi, dintre care 3 în cotutelă

### ***Cursuri predate la Universitatea "Babeș-Bolyai", Cluj-Napoca; între 1997-2018):***

#### **Cursuri introductive** (3 semestre):

Cristalografie (1 semestru, 5 credite; specializarea geologie-geografie, respectiv biologie-geologie)

Mineralogie (1 semestru, 5 credite; specializarea geologie-geografie, respectiv biologie-geologie)

Mineralogia mediului (1 semestru, 5 credite; specializarea biologie-geologie)

### ***Cursuri predate la Universitatea "Sapientia", Cluj-Napoca; între 2003-2006, respectiv din 2016 – până în prezent***

Mineralogia mediului (specializarea Protecția și monitorizarea mediului MSc)

Geologia mediului I specializarea Știința mediului BSc

### **Activitatea de cercetare**

1. Director de proiect. FKFP 0111/1997 Caracterizarea silicaților stratificați dioctaedrici bogați în fier. Finanțator: Ministerul Educației și Culturii din Ungaria, suma 860 000 HUF (2 680 EURO), perioada 1997-1999.
2. Director de proiect. T25873 Cristalochimia grupei glauconit-celadonit. Finanțator Fondul de Cercetare Maghiară (OTKA), suma 2 470 000 HUF (7 700 EURO). Perioada 1999-2002.

3. Director de proiect. Întocmirea și publicarea online a versiunii digitale a Nomenclatorului mineralelor, Finanțator: Ministerul Educației din Ungaria, suma 560 000 HUF (1 700 EURO). Perioada: 2009-2010.
4. Director de proiect. Reorganizarea expozițiilor din rezervația naturală Parcul Geologic de la Tata. Finanțator: Ministerul Mediului și Apelor din Ungaria. Suma 583 000 HUF (1 800 EURO). Perioada: 2010-2011.
5. Director de proiect. KEOP-3.1.2/2F/09-11 Reconstrucția secțiunilor geologice din rezervația naturală Parcul Geologic de la Tata. Finanțator: Programul Operativ European Mediu și energie. Suma: 54 344 500 HUF (170 000 EURO). Perioada: 2013-2015.
6. Membru de echipă. ELTE 1783-3/2018/FEKUTSRAT Instituțional Excellence Program / Material Science. Finanțator. Ministerul Tehnologiei și Inovării. Suma. 400 000 000 HUF (1 250 000 EURO). Perioada. 2018-2019.
7. Membru de echipă. ELTE Institutional Excellence Program (TKP2020- IKA-05), financed by the Hungarian Ministry of Human Capacities. Finanțator: Fondul Național de Dezvoltare și Inovare din Ungaria. Suma. 5 400 000 000 HUF (16 800 000 EURO). Perioada. 2020-2021.

***Participări la simpozioane, congrese și conferințe internaționale***

- 1994 IMA 16th General Meeting (Pisa): co-organizator și președintele sesiunii 4a  
 1995 IMA COM Advanced Studies in Ore Mineralogy (Budapesta): președintele comitetului de organizare  
 1996 IMA Mineralogy and Museums 3 Conference (Budapesta): președintele comitetului de organizare  
 1997 Modular Aspects of Minerals EMU School and Symposium (Budapesta): președintele comitetului de organizare  
 1998 Archaeometry World Conference (Budapesta): membrul comitetului de organizare  
 2000 Environmental Mineralogy EMU School and Symposium (Budapesta): președintele comitetului de organizare  
 2010 Conferința Mondială de Mineralogie IMA 2010, președintele comitetului de organizare

***Premii și distincții***

- 2001: Titlul onorific "Mestertanár (Profesor Master)" pentru promovarea excelenței studentești  
 2002: Medalia de onoare "Pro Universitate" a Universității Eötvös Loránd din Budapesta  
 2009: Medalia de Aur „Honoris Causa Pro Scientia”  
 2013 Ordinul de Merit al Ungariei Crucea Cavalerului pentru organizarea Conferinței Mondiale de Mineralogie IMA 2010  
 2020: Premiul Medzihradzky pentru promovarea excelenței studentești al Universității Eötvös Loránd din Budapesta  
 2020: Medalia „Lóczy Lajos” a Societății de Geologie din Ungaria  
 2020: Premiul „Signum Aureum Universitatis” al Universității din Miskolc

**Membru în organizații științifice și profesionale**

***Membru al societăților științifice***

- Societatea de Geologie din Ungaria  
 Societatea de Speologie din Ungaria  
 Societatea de Microscopie Electronică din Ungaria  
 Societatea Română de Mineralogie și Petrologie  
 Mineralogical Society of Great Britain and Ireland

Mineralogical Association of Canada  
Mineralogical Society of America  
History of Earth Science Society (USA)  
Geological Curator Group (U.K.)  
Ancient Ceramic Group (U.K.)  
Deutsche Mineralogische Gesellschaft

***Funcții permanente deținute în organizații științifice internaționale***

International Mineralogical Association: Comisia de istorie și de predare a mineralogiei:

1990-1994 secretar

1994-2002 președinte

European Mineralogical Union

1996-2000 secretar

International Mineralogical Association:

1998–2002 secretar

EU Socrates/Erasmus Programme (CD)

1999 – 2005 membru al juriului academic din Bruxelles

***Funcții permanente deținute în organizații științifice din Ungaria***

IMA Comisia de istorie și de predare a mineralogiei: membru delegat (1985 – 2002)

IMA Comisia de clasificare a mineralelor: membru delegat (1986 – 2010)

IMA: reprezentant al Ungariei (1991– 2015)

EMU: reprezentant al Ungariei (1993 – 2015)

Academia Maghiară de Științe, Comisia de mineralogie și geochimie: membru ales (1996 până în prezent)

Academia Maghiară de Științe, IUGS Comitetul Național: membru (1996 –1999); secretar (1999 – 2002)

Ministerul Educației din Ungaria, Comisia de planificare strategică în învățământul superior: membru (1999 – 2003)

Ministerul Educației din Ungaria, Consiliul Național de Credite: membru (1999 – 2005)

Consiliul Național al Conferinței Științifice Studentești din Ungaria (OTDT), vicepreședinte executiv (2003-prezent)

**Membru în colective de redacție**

European Journal of Mineralogy Managing Committee

1996–2000 membru

EMU Notes in Mineralogy

1997–2001 redactor coordonator

**Data,**  
06.01.2023.

Weiszbürg Tamás

**Lista de lucrări în domeniul de studii universitare de licență  
Știința Mediului (Geologie)**

**Numele și prenumele: Dr. WEISZBURG TAMÁS GÁBOR**

**I. LISTA PUBLICAȚIILOR RELEVANTE**

1. V. Mozgai, B. Topa, **T. Weiszbürg**, Z. Mráv, and B. Bajnóczi, “SEM–EDS and  $\mu$ -XRD study of the niello inlays of a unique late Roman silver augur staff (lituus) from Brigetio, Pannonia (Hungary),” *ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES*, vol. 11, no. 4, pp. 1599–1610, 2019.
2. V. Mihucz, L. Bencs, K. Koncz, E. Tatár, **T. Weiszbürg**, and G. Záray, “Fast arsenic speciation in water by on-site solid phase extraction and high-resolution continuum source graphite furnace atomic absorption spectrometry,” *SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY*, vol. 128, pp. 30–35, 2017.
3. **T. Weiszbürg**, K. Gherdan, K. Ratter, N. Zajzon, Z. Bendo, G. Radnoczi, A. Takacs, T. Vaczi, G. Varga, and G. Szakmany, “Medieval Gilding Technology of Historical Metal Threads Revealed by Electron Optical and Micro-Raman Spectroscopic Study of Focused Ion Beam-Milled Cross Sections,” *ANALYTICAL CHEMISTRY*, vol. 89, no. 20, pp. 10753–10760, 2017.
4. N. Zajzon, T. Váczi, B. Fehér, Á. Takács, S. Szakáll, and **T. Weiszbürg**, “Pyrophanite pseudomorphs after perovskite in Perkupa serpentinites (Hungary): a microtextural study and geological implications,” *PHYSICS AND CHEMISTRY OF MINERALS*, vol. 40, pp. 611–623, 2013.
5. Nagy-Korodi, **T. Weiszbürg**, L. Fodorpataki, and A. Bartha, “ENVIRONMENTAL IMPACT OF MINING ACTIVITY ON THE TURT CREEK, EASTERN CARPATHIANS, ROMANIA,” *CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES*, vol. 6, no. 2, pp. 195–207, 2011.
6. N. Zajzon, Z. Szabó, **T. Weiszbürg**, and T. Jeffries, “Multiple provenance of detrital zircons from the Permian - Triassic boundary in the Bükk Mts., Hungary,” *INTERNATIONAL JOURNAL OF EARTH SCIENCES*, vol. 100, no. 1, pp. 125–138, 2011.
7. E. Tóth, **T. Weiszbürg**, J. Teresa, W. Terry, A. Bartha, É. Bertalan, and I. Cora, “Submicroscopic accessory minerals overprinting clay mineral REE patterns (celadonite–glaucanite group examples),” *CHEMICAL GEOLOGY*, vol. 269, no. 3–4, pp. 312–328, 2010.
8. E. Kuzmann, **T. Weiszbürg**, E. Tóth, and V. Garg, “Mössbauer characteristics of glaucanitisation,” *HYPERFINE INTERACTIONS*, vol. 186, no. 1–3, pp. 1–8, 2008.
9. J. Haas, A. Demény, K. Hips, N. Zajzon, **T. Weiszbürg**, M. Sudar, and J. Pálffy, “Biotic and environmental changes in the Permian-Triassic boundary interval recorded on a western Tethyan ramp in the Bükk Mountains, Hungary,” *GLOBAL AND PLANETARY CHANGE*, vol. 55, no. 1–3, pp. 136–154, 2007.

10. K. Gherdán, G. Szakmány, **T. Weiszbürg**, and G. Ilon, "Petrological Investigation of Bronze and Iron Age Ceramics from West Hungary: Vaskeresztes, Velem, Sé, Gó," *BAR INTERNATIONAL SERIES*, vol. 1011, pp. 305–312, 2002.

## II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

### A. Teza de doctorat.

*Piroxenoidok kristálykémiája (Cristalochimia piroxenoizilor)*, Universitatea Eötvös Loránd din Budapesta, 1996

### B. Cărți publicate

**B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.**

1. Benkő, Ferentz; Szakáll, Sándor (Source edition author); **Weiszbürg, Tamás** (Source edition author) Magyar minerologia, az az A' kövek' 's értzek' tudománya ...: Budapest, Hungary : Eötvös Loránd Tudományegyetem (1986), 181 p. ISBN: 9634620345
2. Tóth, E., **Weiszbürg, T.**, & Weiszbürg, T. (2011). Környezeti ásványtan. (T. Weiszbürg, Ed.). Budapest: Typotex Kiadó. 219 p. ISBN: 9789632795416

**B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.**

**B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.**

**B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.**

**B5. Capitole de cărți publicate în străinătate**

1. E. Harman-Tóth, K. Amir, I. Gönczi, and **T. Weiszbürg**, "Gázmotorok kiválásai – új kihívás az ásványtan számára," in *40 éves a Herman Ottó Múzeum Ásványtára*, Miskolc, Hungary: Herman Ottó Múzeum, 2020, pp. 57–60.
2. M. Mankovics, L. Meskál, P. Pekker, B. A. Topa, and **T. Weiszbürg**, "Ólomásványok speciációja és jellemzői zsugorítmánygyártás során leválasztott porokban," in *40 éves a Herman Ottó Múzeum Ásványtára*, Miskolc, Hungary, Herman Ottó Múzeum, 2020, pp. 85–88.
3. **T. Weiszbürg**, M. Kovács, and É. Schimek, "Fluorid viselkedése alagútkemencében történő téglagyártás során," in *40 éves a Herman Ottó Múzeum Ásványtára*, Miskolc, Hungary, Herman Ottó Múzeum, 2020, pp. 105–107.
4. A. Kis, **T. Weiszbürg**, I. Dunkl, K. Friedrich, T. Váczi, and G. Buda, "Mórággyi granitoidok összehasonlító U-Pb kormeghatározása cirkon kristályokon," in *Földtudományok és környezet – harmóniában*: tanulmánykötet, Pécs, Hungary: Magyarhoni Földtani Társulat, 2018, pp. 27–30.

5. **T. Weiszburg** and E. Tóth, “Környezeti ásványtan,” in *A környezettan alapjai*, Budapest, Hungary: Typotex Kiadó, 2012, pp. 33–61., ISBN: 9789632795454
6. E. Tóth and **T. Weiszburg**, “A múzeumok szerepe a felsőoktatásban,” in *Múzeumi tanulás*, Budapest, Hungary, Typotex, 2011, pp. 104–106.
7. **T. Weiszburg**, “KOCH SÁNDOR (1896-1983),” in *A földtudomány nagy tudóseyéniségei*, Budapest, Hungary, Debrecen, Hungary: Didakt, MTA, 2009, pp. 85–89.
8. E. Kuzmann, S. Nagy, A. Vértes, **T. G. Weiszburg**, and V. K. Garg, “Geological and Mineralogical Applications of Mössbauer Spectroscopy,” in *Nuclear Methods in Mineralogy and Geology: Techniques and Applications*, Boston (MA), United States of America, Springer, 1998, pp. 285–376.
9. S. Józsa, R. Sauer, G. Szakmány, and **T. Weiszburg**, “Mineralogisch petrografische Untersuchungen,” in *Amphorenfunde vom Magdalensberg und aus Pannonien*, Klagenfurt, Austria : Verlag des Landesmuseums Kärnten, 1994, pp. 143–195.
10. G. Papp and **T. Weiszburg**, “Mária Anna főhercegnő ásványgyűjteménye,” in *Földünk hazai kincsesházai*, Budapest, Hungary, Magyar Természettudományi Múzeum, 1994, pp. 173–180.
11. G. Papp and **T. Weiszburg**, “A budapesti Eötvös Loránd Tudományegyetem ásvány- és kőzetgyűjteményének története,” in *Földünk hazai kincsesházai*, Budapest, Hungary, Magyar Természettudományi Múzeum, 1994, pp. 157–172.
12. G. Papp, S. Szakáll, and **T. Weiszburg**, “A magyarországi ásvány- és kőzetgyűjtemények történetének rövid vázlatja,” in *Földünk hazai kincsesházai*, Budapest, Hungary, Magyar Természettudományi Múzeum, 1994, pp. 17–27.
13. **T. Weiszburg** and G. Papp, “X-ray powder diffraction analyses.,” in *Roman Amphorae from the Amber Route in Western Pannonia*, Oxford, United Kingdom / England, BAR, 1987, pp. 128–133.
14. **T. Weiszburg**, “Mai szemmel a Magyar Minerológiáról,” in *Magyar minerologia, az az A' kövek' 's értzek' tudománya ...*, Budapest, Hungary: ELTE, 1986, pp. VIII–XI.

## **B6. Capitole de cărți publicate în țară**

### **C. Lucrări științifice publicate**

#### **C1. Lucrări științifice publicate în reviste cotate ISI**

1. V. Mozgai, B. Topa, **T. Weiszburg**, Z. Mráv, and B. Bajnóczi, “SEM–EDS and  $\mu$ -XRD study of the niello inlays of a unique late Roman silver augur staff (lituus) from Brigetio, Pannonia (Hungary),” *ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES*, vol. 11, no. 4, pp. 1599–1610, 2019. (IF: 2,063), Scimago ranking Q1.
2. Sente, B. Takács, E. Harman-Tóth, and **T. G. Weiszburg**, “Managing and Surveying the Geological Garden at Tata (Northern Transdanubia,

- Hungary),” *GEOHERITAGE*, vol. 11, pp. 1353–1365, 2019. (IF: 3,063), Scimago ranking Q2.
3. V. Mihucz, L. Bencs, K. Koncz, E. Tatár, **T. Weiszbürg**, and G. Záray, “Fast arsenic speciation in water by on-site solid phase extraction and high-resolution continuum source graphite furnace atomic absorption spectrometry,” *SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY*, vol. 128, pp. 30–35, 2017. (IF: 2,854), Scimago ranking Q1.
  4. **T. Weiszbürg**, K. Gherdan, K. Ratter, N. Zajzon, Z. Bendo, G. Radnoczi, A. Takacs, T. Vaczi, G. Varga, and G. Szakmany, “Medieval Gilding Technology of Historical Metal Threads Revealed by Electron Optical and Micro-Raman Spectroscopic Study of Focused Ion Beam-Milled Cross Sections,” *ANALYTICAL CHEMISTRY*, vol. 89, no. 20, pp. 10753–10760, 2017. (IF: 6,042), Scimago ranking Q1.
  5. N. Zajzon, T. Váczi, B. Fehér, Á. Takács, S. Szakáll, and **T. Weiszbürg**, “Pyrophanite pseudomorphs after perovskite in Perkupa serpentinites (Hungary): a microtextural study and geological implications,” *PHYSICS AND CHEMISTRY OF MINERALS*, vol. 40, pp. 611–623, 2013. (IF: 1,403), Scimago ranking Q1.
  6. N. Zajzon, E. Márton, P. Sipos, F. Kristály, T. Németh, V. Kovács-Kis, and **T. Weiszbürg**, “Integrated mineralogical and magnetic study of magnetic airborne particles from potential pollution sources in industrial - urban environment,” *CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES*, vol. 8, no. 1, pp. 179–186, 2013. (IF: 0,727), Scimago ranking Q2.
  7. N. Zajzon, Z. Molnar, and **T. Weiszbürg**, “Ppt range iridium determination by RNAA and application of that method on a Permian/Triassic boundary section, Balvány, Bükk Mts., Hungary,” *JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY*, vol. 291, no. 3, pp. 579–586, 2012. (IF: 1,467), Scimago ranking Q2.
  8. I. Nagy-Korodi, **T. Weiszbürg**, L. Fodorpataki, and A. Bartha, “ENVIRONMENTAL IMPACT OF MINING ACTIVITY ON THE TURT CREEK, EASTERN CARPATHIANS, ROMANIA,” *CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES*, vol. 6, no. 2, pp. 195–207, 2011. (IF: 1,450), Scimago ranking Q2.
  9. N. Zajzon, Z. Szabó, **T. Weiszbürg**, and T. Jeffries, “Multiple provenance of detrital zircons from the Permian - Triassic boundary in the Bükk Mts., Hungary,” *INTERNATIONAL JOURNAL OF EARTH SCIENCES*, vol. 100, no. 1, pp. 125–138, 2011. (IF: 2,342), Scimago ranking Q1.
  10. E. Tóth, **T. Weiszbürg**, J. Teresa, W. Terry, A. Bartha, É. Bertalan, and I. Cora, “Submicroscopic accessory minerals overprinting clay mineral REE patterns (celadonite–glauconite group examples),” *CHEMICAL GEOLOGY*, vol. 269, no. 3–4, pp. 312–328, 2010. (IF: 3,722), Scimago ranking Q1.
  11. Farkas, **T. Weiszbürg**, P. Pekker, and E. Kuzmann, “A half-century of environmental mineral formation on a pyrite-bearing waste dump in the Mátra



Mountains, Hungary,” *CANADIAN MINERALOGIST*, vol. 47, no. 3, pp. 509–524, 2009. (IF: 1,289), Scimago ranking Q2.

**C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).**

1. Magyari, Sándor István ; Gherdán, Katalin ; Markó, András ; Topa, Boglárka ; Albert, Gáspár ; **Weiszburt, Tamás** A 19th-century pseudo-obsidian reference: the glassy andesite of Buják, Hungary, as possible chipped stone raw material *Inventaria Praehistorica Hungariae XIV.* : 1 pp. 19-30. , 12 p. (2021)
2. Benyó, J. ; Harman-Tóth, E.; Márialigeti, K.; Mireisz, T. ; **Weiszburt, T. G.** Spontaneous and directed environmental mineral formation in wastewater treatment technology *Acta mineralogica petrographica* - abstract series 11 paper: 14524 (2021)
3. Hegyesi, e. B. ; Topa, B. A. ; **Weiszburt, T.G.** Sector zoned luminescent gypsum crystals from gánt, Hungary *Acta mineralogica petrographica* - abstract series 11 p. 13 (2021)
4. Hmissi, N. ; Prasetyo, D. G. ; Harman-Tóth, E. ; **Weiszburt, T. G.** Non-Conventional Fluoride Speciation In Phosphogypsum: A Way To Better Assess Its Environmental Behaviour *Acta Mineralogica Petrographica* - Abstract Series 11 P. 15 (2021)
5. Medianista, R. ; Harman-Tóth, E. ; Irshad, I. ; **Weiszburt, T.G.** Acid Drainage From Sulphidic Mine Wastes: Comparing Continental Climate Mainland And Tropical Climate Sea Deposition Settings *Acta Mineralogica Petrographica* - Abstract Series 11 P. 30 (2021)
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## Îndrumare de laborator.

1. K. A. Tasnádi, S. O. Kákay, G. Papp (eds), and **T. Weiszbürg** (eds), *Ásványok*. Budapest: Móra Ferenc Könyvkiadó, 1985., ISBN: 9631143481.
2. Juhász A., Skrapits L., Tasnádi P., **Weiszbürg T (eds)**. (1989): *Fizikai kísérletek I. Oktatási videofilmsorozat (40') és tanári segédkönyv (pp. 1-97)*. ELTE. (Film educativ video și manual pentru cadre didactice)

## F. Brevete de invenții și alte titluri de proprietate

-

## G. Contracte de cercetare (menționați calitatea de director sau membru)

8. Director de proiect. FKFP 0111/1997 Caracterizarea silicaților stratificați dioctaedrici bogăți în fier. Finanțator: Ministerul Educației și Culturii din Ungaria, suma 860 000 huf (2 680 EURO), perioada 1997-1999.
9. Director de proiect. T25873 Cristalochimia grupei glauconit-celadonit. Finanțator Fondul de Cercetare Maghiară (OTKA), suma 2 470 000 HUF (7 700 EURO). Perioada 1999-2002.



10. Director de proiect. Întocmirea și publicarea online a versiunii digitale a Nomenclatorului mineralelor, Finanțator: Ministerul Educației din Ungaria, suma 560 000 HUF (1 700 EURO). Perioada: 2009-2010.
11. Director de proiect. Reorganizarea expozițiilor din rezervația naturală Parcul Geologic de la Tata. Finanțator: Ministerul Mediului și Apelor din Ungaria. Suma 583 000 HUF (1 800 EURO). Perioada: 2010-2011.
12. Director de proiect. KEOP-3.1.2/2F/09-11 Reconstrucția secțiunilor geologice din rezervația naturală Parcul Geologic de la Tata. Finanțator: Programul Operativ European Mediu și energie. Suma: 54 344 500 HUF (170 000 EURO). Perioada: 2013-2015.
13. Membru de echipă. ELTE 1783-3/2018/FEKUTSRAT Instituțional Excellence Program / Material Science. Finanțator. Ministerul Tehnologiei și Inovării. Suma. 400 000 000 HUF (1 250 000 EURO). Perioada. 2018-2019.
14. Membru de echipă. ELTE Institutional Excellence Program (TKP2020- IKA-05), financed by the Hungarian Ministry of Human Capacities. Finanțator: Fondul Național de Dezvoltare și Inovare din Ungaria. Suma. 5 400 000 000 HUF (16 800 000 EURO). Perioada. 2020-2021.

## H. Creația artistică

### III. RECUNOAȘTEREA

#### I. Premii, distincții.

- 2001: Titlul onorific "Mestertanár (Profesor Master)" pentru promovarea excelenței studentești
- 2002: Medalia de onoare "Pro Universitate" a Universității Eötvös Loránd din Budapesta
- 2009: Medalia de Aur „Honoris Causa Pro Scientia”
- 2013: Ordinul de Merit al Ungariei - Crucea Cavalerului pentru organizarea Conferinței Mondiale de Mineralogie IMA 2010
- 2020: Premiul Medzihradzky pentru promovarea excelenței studentești al Universității Eötvös Loránd din Budapesta
- 2020: Medalia „Lóczy Lajos” a Societății de Geologie din Ungaria
- 2020: Premiul „Signum Aureum Universitatis” al Universității din Miskolc

#### J. Citări

##### Citari ISI (Web of Science)

**Total citări independente: 126**

**Record 1 of 18**

**Title:** Managing and Surveying the Geological Garden at Tata (Northern Transdanubia, Hungary)

**Author(s):** Szente, I (Szente, Istvan); Takacs, B (Takacs, Bence); Harman-Toth, E (Harman-Toth, Erzsebet); Weiszburg, TG (Weiszburg, Tamas G.)

**Source:** GEOHERITAGE **Volume:** 11 **Issue:** 4 **Pages:** 1353-1365 **DOI:** 10.1007/s12371-019-00407-9 **Published:** DEC 2019

**Record 2 of 18**

**Title:** SEM-EDS and -XRD study of the niello inlays of a unique late Roman silver augur staff (lituus) from Brigetio, Pannonia (Hungary)

**Author(s):** Mozgai, V (Mozgai, Viktoria); Topa, BA (Topa, Boglarka A.); Weiszburg, TG (Weiszburg, Tamas G.); Mrav, Z (Mrav, Zsolt); Bajnoczi, B (Bajnoczi, Bernadett)

**Source:** ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES **Volume:** 11 **Issue:** 4 **Pages:** 1599-1610 **DOI:** 10.1007/s12520-018-0750-3 **Published:** APR 2019

**Cited by 1.**

**Technological characterization of gold jewellery from the Sogdian tomb of Shi Jun (d. 579 CE) in Xi'an, Shaanxi Province.** By: [Tan, PP](#) (Tan, Panpan)<sup>[1]</sup>; [Yang, JC](#) (Yang, Junchang)<sup>[2]</sup>; [Liu, Y](#) (Liu, Yan)<sup>[2]</sup>; [Zheng, YZ](#) (Zheng, Yaozheng)<sup>[1]</sup>; [Yang, JK](#) (Yang, Junkai)<sup>[3]</sup> **SCIENTIFIC REPORTS, Volume:** 10

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### Record 3 of 18

**Title:** Medieval Gilding Technology of Historical Metal Threads Revealed by Electron Optical and Micro-Raman Spectroscopic Study of Focused Ion Beam-Milled Cross Sections

**Author(s):** Weiszburg, TG (Weiszburg, Tamas G.); Gherdan, K (Gherdan, Katalin); Ratter, K (Ratter, Kitti); Zajzon, N (Zajzon, Norbert); Bendo, Z (Bendo, Zsolt); Radnoczi, G (Radnoczi, Gyorgy); Takacs, A (Takacs, Agnes); Vaczi, T (Vaczi, Tamas); Varga, G (Varga, Gabor); Szakmany, G (Szakmany, Gyorgy)

**Source:** ANALYTICAL CHEMISTRY **Volume:** 89 **Issue:** 20 **Pages:** 10753-10760 **DOI:** 10.1021/acs.analchem.7b01917 **Published:** OCT 17 2017

**Cited by 9:**

### Record 1 of 9

**Title:** Corrosion and Microstructural Studies on Gilded Silver Threads from Sumptuous Textiles from the Era of Augustus the Strong

**Author(s):** Zywitzki, O (Zywitzki, O.); Modes, T (Modes, T.); Schafer, K (Schaefer, K.)

**Source:** PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY **Volume:** 57 **Issue:** 12 **Pages:** 853-868 **DOI:** 10.3139/147.110680 **Published:** DEC 2020

**Accession Number:** WOS:000598372000003

**ISSN:** 0032-678X

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### Record 2 of 9

**Title:** Exploring impurity phases derived from the introduction of vanadium ions in yttrium gallium garnet

**Author(s):** Wang, SX (Wang, Shuxian); Zhang, JP (Zhang, Jinpu); Jing, GJ (Jing, Guojian); Ye, ZM (Ye, Zhengmao); Yu, HH (Yu, Haohai); Zhang, HJ (Zhang, Huaijin)

**Source:** CERAMICS INTERNATIONAL **Volume:** 46 **Issue:** 16 **Pages:** 25996-26003 **DOI:** 10.1016/j.ceramint.2020.07.090 **Part:** A **Published:** NOV 2020

**Accession Number:** WOS:000575656800006

**ISSN:** 0272-8842

**eISSN:** 1873-3956

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### Record 3 of 9

**Title:** Novel insights on the study of a fifteenth-century oro di meta/Zwischgold gilding by means of ion and electron microscopy: characterization of the stratigraphy avoiding cross-sections preparation

**Author(s):** Osticioli, I (Osticioli, Iacopo); Lavacchi, A (Lavacchi, Alessandro); Capozzoli, L (Capozzoli, Laura); Berretti, E (Berretti, Enrico); Gallo, L (Gallo, Loredana); Berberich, C (Berberich, Christine); Agresti, J (Agresti, Juri); Siano, S (Siano, Salvatore)

**Source:** JOURNAL OF CULTURAL HERITAGE **Volume:** 44 **Pages:** 297-306 **DOI:** 10.1016/j.culher.2020.02.008 **Published:** JUL-AUG 2020

**Accession Number:** WOS:000560473800007

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### Record 4 of 9

**Title:** Limits and perspectives of archaeometric analysis of archaeological metals: A focus on the

electrochemistry for studying ancient bronze coins

**Author(s):** Di Turo, F (Di Turo, Francesca)

**Source:** JOURNAL OF CULTURAL HERITAGE **Volume:** 43 **Pages:** 271-281 **DOI:** 10.1016/j.culher.2019.10.006 **Published:** MAY-JUN 2020

**Accession Number:** WOS:000547429900015

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**Record 5 of 9**

**Title:** Ion milling: the perfect cross-section of a painted textile

**Author(s):** Smith, MJ (Smith, M. J.); Schmidt, T (Schmidt, T.); Thompson, K (Thompson, K.); Dixon, M (Dixon, M.)

**Source:** HERITAGE SCIENCE **Volume:** 7 **Issue:** 1 **Article Number:** 74 **DOI:** 10.1186/s40494-019-0316-4 **Published:** SEP 25 2019

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**Record 6 of 9**

**Title:** A silvered shield grip from the Roman Period: a technological study of its silver coating

**Author(s):** Mista-Jakubowska, EA (Mista-Jakubowska, Ewelina A.); Fijal-Kirejczyk, I (Fijal-Kirejczyk, Izabela); Diduszko, R (Diduszko, Ryszard); Gojska, AM (Gojska, Aneta M.); Kalbarczyk, P (Kalbarczyk, Pawel); Milczarek, JJ (Milczarek, Jacek J.); Trela, K (Trela, Krystian); Zabinski, G (Zabinski, Grzegorz)

**Source:** ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES **Volume:** 11 **Issue:** 7 **Pages:** 3343-3355 **DOI:** 10.1007/s12520-018-0761-0 **Published:** JUL 2019

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**Record 7 of 9**

**Title:** The National Museum of Colombia's "Francisco Pizarro's Banner of Arms": A multianalytical approach to help uncovering its history

**Author(s):** Badillo-Sanchez, DA (Badillo-Sanchez, Diego Armando); Dias, CB (Dias, Cristina Barrocas); Manhita, A (Manhita, Ana); Schiavon, N (Schiavon, Nick)

**Source:** EUROPEAN PHYSICAL JOURNAL PLUS **Volume:** 134 **Issue:** 5 **Article Number:** 224 **DOI:** 10.1140/epjp/i2019-12747-2 **Published:** MAY 2019

**Accession Number:** WOS:000468902200010

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**Record 8 of 9**

**Title:** SEM-EDS and -XRD study of the niello inlays of a unique late Roman silver augur staff (lituus) from Brigetio, Pannonia (Hungary)

**Author(s):** Mozgai, V (Mozgai, Viktoria); Topa, BA (Topa, Boglarka A.); Weiszburg, TG (Weiszburg, Tamas G.); Mrav, Z (Mrav, Zsolt); Bajnoczi, B (Bajnoczi, Bernadett)

**Source:** ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES **Volume:** 11 **Issue:** 4 **Pages:** 1599-1610 **DOI:** 10.1007/s12520-018-0750-3 **Published:** APR 2019

**Accession Number:** WOS:000463617700030

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**Record 9 of 9**

**Title:** Preparation of surfaces of composite samples for tip based micro-analyses using ion beam milling

**Author(s):** Pinc, J (Pinc, Jan); Dendisova, M (Dendisova, Marcela); Kolarova, K (Kolarova, Katerina); Gedeon, O (Gedeon, Ondrej); Svecova, M (Svecova, Marie); Hradil, D (Hradil, David); Hradilova, J (Hradilova, Janka); Bartunek, V (Bartunek, Vilem)

**Source:** MICRON **Volume:** 116 **Pages:** 1-4 **DOI:** 10.1016/j.micron.2018.09.003 **Published:** JAN 2019

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**Record 4 of 18**

**Title:** Fast arsenic speciation in water by on-site solid phase extraction and high-resolution continuum source graphite furnace atomic absorption spectrometry

**Author(s):** Mihucz, VG (Mihucz, Victor G.); Bencs, L (Bencs, Laszlo); Koncz, K (Koncz, Kornel); Tatar, E (Tatar, Enika); Weiszburg, T (Weiszburg, Tamas); Zaray, G (Zaray, Gyula)

**Source:** SPECTROCHIMICA ACTA PART B-ATOMIC

**SPECTROSCOPY** Volume: 128 Pages: 30-35 DOI: 10.1016/j.sab.2016.12.010 Published: FEB 1 2017  
Accession Number: WOS:000394075300005  
Conference Title: European Symposium on Atomic Spectrometry (ESAS)

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**Record 5 of 18**

**Title:** Pyrophanite pseudomorphs after perovskite in Perkupa serpentinites (Hungary): a microtextural study and geological implications

**Author(s):** Zajzon, N (Zajzon, N.); Vaczi, T (Vaczi, T.); Feher, B (Feher, B.); Takacs, A (Takacs, A.); Szakall, S (Szakall, S.); Weiszborg, TG (Weiszborg, T. G.)

**Source:** PHYSICS AND CHEMISTRY OF MINERALS Volume: 40 Issue: 8 Pages: 611-623 DOI: 10.1007/s00269-013-0596-2 Published: SEP 2013

**Cited by 4:**

**Record 1 of 4**

**Title:** Origin and Age Determination of the Neotethys Meliata Basin Ophiolite Fragments in the Late Jurassic-Early Cretaceous Accretionary Wedge Melange (Inner Western Carpathians, Slovakia)

**Author(s):** Putis, M (Putis, Marian); Sotak, J (Sotak, Jan); Li, QL (Li, Qiu-Li); Ondrejka, M (Ondrejka, Martin); Li, XH (Li, Xian-Hua); Hu, ZC (Hu, Zhaochu); Ling, XX (Ling, Xiaoxiao); Nemec, O (Nemec, Ondrej); Nemeth, Z (Nemeth, Zoltan); Ruzicka, P (Ruzicka, Peter)

**Source:** MINERALS Volume: 9 Issue: 11 Article

**Number:** 652 DOI: 10.3390/min9110652 Published: NOV 2019

**Accession Number:** WOS:000502267100005

**eISSN:** 2075-163X

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**Record 2 of 4**

**Title:** Perovskite, reaction product of a harzburgite with Jurassic-Cretaceous accretionary wedge fluids (Western Carpathians, Slovakia): evidence from the whole-rock and mineral trace element data

**Author(s):** Putis, M (Putis, Marian); Yang, YH (Yang, Yue-Heng); Vaculovic, T (Vaculovic, Tomas); Koppa, M (Koppa, Matus); Li, XH (Li, Xian-Hua); Uher, P (Uher, Pavel)

**Source:** GEOLOGICA CARPATHICA Volume: 67 Issue: 2 Pages: 133-146 DOI: 10.1515/geoca-2016-0009 Published: APR 2016

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**Record 3 of 4**

**Title:** Accretionary wedge harzburgite serpentinization and rodingitization constrained by perovskite U/Pb SIMS age, trace elements and Sm/Nd isotopes: Case study from the Western Carpathians, Slovakia

**Author(s):** Li, XH (Li, Xian-Hua); Putis, M (Putis, Marian); Yang, YH (Yang, Yue-Heng); Koppa, M (Koppa, Matus); Dyda, M (Dyda, Marian)

**Source:** LITHOS Volume: 205 Pages: 1-14 DOI: 10.1016/j.lithos.2014.06.001 Published: SEP 15 2014

**Accession Number:** WOS:000342524800001

**ISSN:** 0024-4937

**eISSN:** 1872-6143

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**Record 4 of 4**

**Title:** Perovskite alteration in kimberlites and carbonatites: the role of kassite, CaTi<sub>2</sub>O<sub>4</sub>(OH)<sub>2</sub>

**Author(s):** Martins, T (Martins, T.); Chakhmouradian, AR (Chakhmouradian, A. R.); Medici, L (Medici, L.)

**Source:** PHYSICS AND CHEMISTRY OF MINERALS Volume: 41 Issue: 6 Special Issue: SI Pages: 473-484 DOI: 10.1007/s00269-014-0667-z Published: JUN 2014

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**Record 6 of 18**

**Title:** INTEGRATED MINERALOGICAL AND MAGNETIC STUDY OF MAGNETIC AIRBORNE PARTICLES FROM POTENTIAL POLLUTION SOURCES IN

## INDUSTRIAL-URBAN ENVIRONMENT

**Author(s):** Zajzon, N (Zajzon, Norbert); Marton, E (Marton, Emo); Sipos, P (Sipos, Peter); Kristaly, F (Kristaly, Ferenc); Nemeth, T (Nemeth, Tibor); Kis-Kovacs, V (Kis-Kovacs, Viktoria); Weiszborg, TG (Weiszborg, Tamas G.)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 8 **Issue:** 1 **Pages:** 179-186 **Published:** FEB 2013

**Cited by 13:**

### Record 1 of 13

**Title:** Source apportionment of magnetite particles in roadside airborne particulate matter

**Author(s):** Gonet, T (Gonet, Tomasz); Maher, BA (Maher, Barbara A.); Kukutschova, J (Kukutschova, Jana)

**Source:** SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 752 **Article Number:** 141828 **DOI:** 10.1016/j.scitotenv.2020.141828 **Published:** JAN 15 2021

**Accession Number:** WOS:000588243900048

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### Record 2 of 13

**Title:** Mineralogy and Origin of Aerosol From an Arc Basaltic Eruption: Case Study of Tolbachik Volcano, Kamchatka

**Author(s):** Zelenski, M (Zelenski, M.); Kamenetsky, VS (Kamenetsky, V. S.); Taran, Y (Taran, Yu); Kovalskii, AM (Kovalskii, A. M.)

**Source:** GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS **Volume:** 21 **Issue:** 2 **Article Number:** e2019GC008802 **DOI:** 10.1029/2019GC008802 **Published:** FEB 2020

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### Record 3 of 13

**Title:** Airborne, Vehicle-Derived Fe-Bearing Nanoparticles in the Urban Environment: A Review

**Author(s):** Gonet, T (Gonet, Tomasz); Maher, BA (Maher, Barbara A.)

**Source:** ENVIRONMENTAL SCIENCE & TECHNOLOGY **Volume:** 53 **Issue:** 17 **Pages:** 9970-9991 **DOI:** 10.1021/acs.est.9b01505 **Published:** SEP 3 2019

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### Record 4 of 13

**Title:** Tracking the occurrence of anthropogenic magnetic particles and potentially toxic elements (PTEs) in house dust using magnetic and geochemical analyses

**Author(s):** Kelepertzis, E (Kelepertzis, Efstratios); Argyraki, A (Argyraki, Ariadne); Botsou, F (Botsou, Fotini); Aidona, E (Aidona, Elina); Szabo, A (Szabo, Abel); Szabo, C (Szabo, Csaba)

**Source:** ENVIRONMENTAL POLLUTION **Volume:** 245 **Pages:** 909-920 **DOI:** 10.1016/j.envpol.2018.11.072 **Published:** FEB 2019

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### Record 5 of 13

**Title:** Delineating Areas of Past Environmental Degradation near Smelters using Rock Coatings: A Case Study at Rouyn-Noranda, Quebec

**Author(s):** Leverington, DW (Leverington, David W.); Schindler, M (Schindler, Michael)

**Source:** SCIENTIFIC REPORTS **Volume:** 8 **Article Number:** 17364 **DOI:** 10.1038/s41598-018-35742-4 **Published:** NOV 26 2018

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### Record 6 of 13

**Title:** Influence of past industry and urbanization on elemental concentrations in deposited dust and tree leaf

**Author(s):** Simon, E (Simon, Edina); Harangi, S (Harangi, Sandor); Baranyai, E (Baranyai, Edina); Fabian, I (Fabian, Istvan); Tothmeresz, B (Tothmeresz, Bela)

**Source:** URBAN FORESTRY & URBAN GREENING **Volume:** 20 **Pages:** 12-19 **DOI:** 10.1016/j.ufug.2016.07.017 **Published:** DEC 1 2016

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### Record 7 of 13

**Title:** NANO-SCALE PARTICULATE MATTERS FOUND IN URBAN STREET DUST IN CLUJ - NAPOCA, ROMANIA

**Author(s):** Prack, AGH (Prack, Alexandra Gertrud Hosu); Petean, I (Petean, Ioan); Arghir, G (Arghir,

George); Bobos, LD (Bobos, Liviu Dorel); Cotisel, MT (Cotisel, Maria Tomoaia)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 11 **Issue:** 2 **Pages:** 539-546 **Published:** AUG 2016

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**Record 8 of 13**

**Title:** Combination of single and sequential chemical extractions to study the mobility and host phases of potentially toxic elements in airborne particulate matter

**Author(s):** Sipos, P (Sipos, Peter); Choi, C (Choi, Chung); May, Z (May, Zoltan)

**Source:** CHEMIE DER ERDE-GEOCHEMISTRY **Volume:** 76 **Issue:** 4 **Pages:** 481-489 **DOI:** 10.1016/j.chemer.2016.08.005 **Published:** 2016

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**Record 9 of 13**

**Title:** Nanoparticles in road dust from impervious urban surfaces: distribution, identification, and environmental implications

**Author(s):** Yang, Y (Yang, Yi); Vance, M (Vance, Marina); Tou, FY (Tou, Feiyun); Tiwari, A (Tiwari, Andrea); Liu, M (Liu, Min); Hochella, MF (Hochella, Michael F., Jr.)

**Source:** ENVIRONMENTAL SCIENCE-NANO **Volume:** 3 **Issue:** 3 **Pages:** 534-544 **DOI:** 10.1039/c6en00056h **Published:** 2016

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**Record 10 of 13**

**Title:** Control of geopolymer properties by grinding of land filled fly ash

**Author(s):** Mucsi, G (Mucsi, Gabor); Kumar, S (Kumar, Sanjay); Csoke, B (Csoke, Barnabas); Kumar, R (Kumar, Rakesh); Molnar, Z (Molnar, Zoltan); Racz, A (Racz, Adam); Madai, F (Madai, Ferenc); Debreczeni, A (Debreczeni, Akos)

**Source:** INTERNATIONAL JOURNAL OF MINERAL PROCESSING **Volume:** 143 **Pages:** 50-58 **DOI:** 10.1016/j.minpro.2015.08.010 **Published:** OCT 10 2015

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**Record 11 of 13**

**Title:** A Landsat-based study of black rock coatings proximal to base metal smelters, Sudbury, Ontario, Canada

**Author(s):** Malcolm, KJ (Malcolm, Kelly J.); Leverington, DW (Leverington, David W.); Schindler, M (Schindler, Michael)

**Source:** INTERNATIONAL JOURNAL OF REMOTE SENSING **Volume:** 36 **Issue:** 15 **Pages:** 3932-3960 **DOI:** 10.1080/01431161.2015.1054963 **Published:** 2015

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**Record 12 of 13**

**Title:** Geochemical, mineralogical and magnetic characteristics of vertical dust deposition in urban environment

**Author(s):** Sipos, P (Sipos, Peter); Marton, E (Marton, Emo); May, Z (May, Zoltan); Nemeth, T (Nemeth, Tibor); Kis, VK (Kis, Viktoria Kovacs)

**Source:** ENVIRONMENTAL EARTH SCIENCES **Volume:** 72 **Issue:** 3 **Pages:** 905-914 **DOI:** 10.1007/s12665-013-3013-8 **Published:** AUG 2014

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**Record 13 of 13**

**Title:** TRACKING MAGNETIC POLLUTANTS BY INTEGRATED MINERALOGICAL AND MAGNETIC ANALYSES OF AIRBORNE PARTICLES IN URBAN ENVIRONMENT

**Author(s):** Zajzon, N (Zajzon, Norbert); Marton, E (Marton, Emo); Sipos, P (Sipos, Peter); Pethe, M (Pethe, Mihaly); Nemeth, T (Nemeth, Tibor); Kovacs-Kis, V (Kovacs-Kis, Viktoria); Uram, J (Uram, Janos)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 8 **Issue:** 4 **Pages:** 221-229 **Published:** NOV 2013

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**Record 7 of 18**

**Title:** Ppt range iridium determination by RNAA and application of that method on a Permian/Triassic boundary section, Balvany, Bukk Mts., Hungary

**Author(s):** Zajzon, N (Zajzon, N.); Molnar, Z (Molnar, Zs.); Weiszbürg, TG (Weiszbürg, T. G.)

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 291 **Issue:** 3 **Pages:** 579-586 **DOI:** 10.1007/s10967-011-1562-4 **Published:** MAR 2012

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**Record 8 of 18**

**Title:** ENVIRONMENTAL IMPACT OF MINING ACTIVITY ON THE TURT CREEK, EASTERN CARPATHIANS, ROMANIA

**Author(s):** Nagy-Korodi, I (Nagy-Korodi, Istvan); Weiszbürg, TG (Weiszbürg, Tamis G.); Fodorpataki, L (Fodorpataki, Laszla); Bartha, A (Bartha, Andras)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 6 **Issue:** 2 **Pages:** 195-207 **Published:** SEP 2011

**Accession Number:** WOS:000295907300020

**ISSN:** 1842-4090

**Cited by 8:**

**Record 1 of 8**

**Title:** MINERALOGY AND GEOCHEMICAL DISTRIBUTION OF HEAVY METALS FOR THE FAGUL CETATII TAILINGS, ROMANIA

**Author(s):** Balaban, SI (Balaban, Sorin-Ionut); Prundeanu, IM (Prundeanu, Ionut Mihai); Iancu, OG (Iancu, Ovidiu Gabriel); Dill, HG (Dill, Harald G.)

**Source:** ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL **Volume:** 17 **Issue:** 6 **Pages:** 1501-1510 **Published:** JUN 2018

---

**Record 2 of 8**

**Title:** ORIGIN OF NATURAL ARSENIC AND ANTIMONY CONTENTS IN THE PERMIAN TO LOWER TRIASSIC SILICICLASTIC ROCKS OF THE WESTERN MECSEK MOUNTAINS, SW HUNGARY

**Author(s):** Varga, A (Varga, Andrea); Raucsik, B (Raucsik, Bela); Szakmany, G (Szakmany, Gyorgy)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 12 **Issue:** 1 **Pages:** 5-12 **Published:** FEB 2017

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**Record 3 of 8**

**Title:** RETHINKING SUSTAINABLE DEVELOPMENT OF RURAL SPACE THROUGH THE IMPACTS OF INDUSTRIAL ACTIVITY: A CASE STUDY OF PETROSANI MINING BASIN (HUNEDOARA COUNTY, ROMANIA)

**Author(s):** Merciu, FC (Merciu, Florentina-Cristina); Merciu, GL (Merciu, George-Laurentiu); Cercleux, AL (Cercleux, Andreea-Loreta); Chirileasa, IC (Chirileasa Dedita, Ionela Corina)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 10 **Issue:** 3 **Pages:** 57-66 **Published:** AUG 2015

**Accession Number:** WOS:000360785200006

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**Record 4 of 8**

**Title:** ACID MINE DRAINAGE PREDICTION FOR TAILINGS IN THE BAIA MARE AND SOUTHERN APUSENI MINING AREAS, ROMANIA

**Author(s):** Levei, EA (Levei, Erika Andrea); Roman, M (Roman, Marius); Miclean, M (Miclean, Mirela); Borodi, G (Borodi, Gheorghe); Senila, M (Senila, Marin)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 8 **Issue:** 3 **Pages:** 167-174 **Published:** AUG 2013

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**Record 5 of 8**

**Title:** Evolution of sulphide-bearing tailings from the Lesu Ursului mining sector of the Eastern Carpathians, Romania

**Author(s):** Balaban, SL (Balaban, Sorin-Ionut); Iancu, OG (Iancu, Ovidiu Gabriel); Dill, HG (Dill, Harald G.); Bulgariu, D (Bulgariu, Dumitru); Prundeanu, IM (Prundeanu, Ionut Mihai)

**Source:** NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN **Volume:** 190 **Issue:** 3 **Pages:** 265-279 **DOI:** 10.1127/0077-

**Record 6 of 8**

**Title:** NO UNIQUE BACKGROUND IN GEOCHEMISTRY

**Author(s):** Fugedi, U (Fugedi, Ubul); Kuti, L (Kuti, Laszlo); Vatai, J (Vatai, Jozsef); Muller, T (Mueller, Tamas); Selmeczi, I (Selmeczi, Ildiko); Kerek, B (Kerek, Barbara)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 7 **Issue:** 4 **Pages:** 89-96 **Published:** NOV 2012

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**Record 7 of 8**

**Title:** ON POSSIBLE ORIGIN OF BACKGROUND CONTENTS OF HEAVY METALS AND METALLOIDS IN THE SUBSURFACE PENNSYLVANIAN TESENY METASANDSTONES, SW HUNGARY

**Author(s):** Varga, A (Varga, Andrea); Raucsik, B (Raucsik, Bela); Szakmany, G (Szakmany, Gyoergy)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 7 **Issue:** 3 **Pages:** 211-218 **Published:** AUG 2012

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**Record 8 of 8**

**Title:** THE GEOCHEMICAL DISTRIBUTION OF HEAVY METALS FOR SOME MINE TAILINGS FROM THE FUNDU MOLDOVEI AREA, ROMANIA

**Author(s):** Balaban, SI (Balaban, Sorin-Ionut); Iancu, OG (Iancu, Ovidiu Gabriel); Bulgariu, D (Bulgariu, Dumitru)

**Source:** CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES **Volume:** 6 **Issue:** 2 **Pages:** 279-288 **Published:** SEP 2011

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**Record 9 of 18**

**Title:** Multiple provenance of detrital zircons from the Permian-Triassic boundary in the Bukk Mts., Hungary

**Author(s):** Zajzon, N (Zajzon, Norbert); Szabo, Z (Szabo, Zsofia); Weiszburg, TG (Weiszburg, Tamas Gabor); Jeffries, TE (Jeffries, Teresa Elizabeth)

**Source:** INTERNATIONAL JOURNAL OF EARTH SCIENCES **Volume:** 100 **Issue:** 1 **Pages:** 125-138 **DOI:** 10.1007/s00531-009-0500-y **Published:** JAN 2011

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**Cited by 4:**

**Record 1 of 4**

**Title:** Recycling of Paleoproterozoic and Neoproterozoic crust recorded in Lower Paleozoic metasediments of the Northern Gemericum (Western Carpathians, Slovakia): Evidence from detrital zircons

**Author(s):** Vozarova, A (Vozarova, Anna); Rodionov, N (Rodionov, Nickolay); Sarinova, K (Sarinova, Katarina)

**Source:** GEOLOGICA CARPATHICA **Volume:** 70 **Issue:** 4 **Pages:** 298-310 **DOI:** 10.2478/geoca-2019-0017 **Published:** AUG 2019

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**Record 2 of 4**

**Title:** ADVANTAGES AND LIMITATIONS OF INTERPRETATIONS OF EXTERNAL MORPHOLOGY OF DETRITAL ZIRCON: A CASE STUDY OF THE ROPIANKA AND MENILITE FORMATIONS (SKOLE NAPPE, POLISH FLYSCH CARPATHIANS)

**Author(s):** Salata, D (Salata, Dorota)

**Source:** ANNALES SOCIETATIS GEOLOGORUM POLONIAE **Volume:** 84 **Issue:** 2 **Pages:** 153-165 **Published:** 2014

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**Record 3 of 4**

**Title:** Pb AGES OF DETRITAL ZIRCONS IN RELATION TO GEODYNAMIC EVOLUTION: PALEOZOIC OF THE NORTHERN GEMERICUM (WESTERN CARPATHIANS, SLOVAKIA)

**Author(s):** Vozarova, A (Vozarova, Anna); Laurinc, D (Laurinc, Dusan); Sarinova, K (Sarinova, Katarina);



Larionov, A (Larionov, Alexander); Presnyakov, S (Presnyakov, Sergey); Rodionov, N (Rodionov, Nikolay); Paderin, I (Paderin, Ilya)

**Source:** JOURNAL OF SEDIMENTARY RESEARCH **Volume:** 83 **Issue:** 11-12 **Pages:** 915-927 **DOI:** 10.2110/jsr.2013.66 **Published:** NOV-DEC 2013

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**Record 4 of 4**

**Title:** Ppt range iridium determination by RNAA and application of that method on a Permian/Triassic boundary section, Balvany, Bukk Mts., Hungary

**Author(s):** Zajzon, N (Zajzon, N.); Molnar, Z (Molnar, Zs.); Weiszburg, TG (Weiszburg, T. G.)

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 291 **Issue:** 3 **Pages:** 579-586 **DOI:** 10.1007/s10967-011-1562-4 **Published:** MAR 2012

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**Record 10 of 18**

**Title:** Submicroscopic accessory minerals overprinting clay mineral REE patterns (celadonite-glaucinite group examples)

**Author(s):** Toth, E (Toth, Erzsebet); Weiszburg, TG (Weiszburg, Tamas G.); Jeffries, T (Jeffries, Teresa); Williams, CT (Williams, C. Terry); Bartha, A (Bartha, Andras); Bertalan, E (Bertalan, Eva); Cora, I (Cora, Ildiko)

**Source:** CHEMICAL GEOLOGY **Volume:** 269 **Issue:** 3-4 **Pages:** 312-328 **DOI:** 10.1016/j.chemgeo.2009.10.006 **Published:** JAN 30 2010

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**Record 1 of 11**

**Title:** Jurassic Non-Carbonate Microbialites from the Betic-Rifian Cordillera (Tethys Western End): Textures, Mineralogy, and Environmental Reconstruction

**Author(s):** Reolid, M (Reolid, Matias); Abad, I (Abad, Isabel)

**Source:** MINERALS **Volume:** 9 **Issue:** 2 **Article Number:** 88 **DOI:** 10.3390/min9020088 **Published:** FEB 2019

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**Record 2 of 11**

**Title:** Geochemistry and depositional environments of Paleocene Eocene phosphorites: Metlaoui Group, Tunisia

**Author(s):** Garnit, H (Garnit, Hechmi); Bouhleb, S (Bouhleb, Salah); Jarvis, I (Jarvis, Ian)

**Source:** JOURNAL OF AFRICAN EARTH SCIENCES **Volume:** 134 **Pages:** 704-736 **DOI:** 10.1016/j.jafrearsci.2017.07.021 **Published:** OCT 2017

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**Record 3 of 11**

**Title:** Mineralogical and geochemical characterisation of warm-water, shallow-marine glaucony from the Tertiary of the London Basin

**Author(s):** Huggett, J (Huggett, Jennifer); Adetunji, J (Adetunji, Jacob); Longstaffe, F (Longstaffe, Fred); Wray, D (Wray, David)

**Source:** CLAY MINERALS **Volume:** 52 **Issue:** 1 **Pages:** 25-50 **DOI:** 10.1180/claymin.2017.052.1.02 **Published:** MAR 2017

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**Record 4 of 11**

**Title:** Mineral and chemostratigraphy of a Toarcian black shale hosting Mn-carbonate microbialites (Urkut, Hungary)

**Author(s):** Polgari, M (Polgari, Marta); Hein, JR (Hein, James R.); Biro, L (Biro, Lorant); Gyollai, I (Gyollai, Ildiko); Nemeth, T (Nemeth, Tibor); Sajgo, C (Sajgo, Csanad); Fekete, J (Fekete, Jozsef); Schwark, L (Schwark, Lorenz); Pal-Molnar, E (Pal-Molnar, Elemer); Hamor-Vido, M (Hamor-Vido, Maria); Vigh, T (Vigh, Tamas)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 459 **Pages:** 99-120 **DOI:** 10.1016/j.palaeo.2016.06.030 **Published:** OCT 1 2016

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**Record 5 of 11**

**Title:** A review on palaeogeographic implications and temporal variation in glaucony composition  
**Author(s):** Banerjee, S (Banerjee, Santanu); Bansal, U (Bansal, Udit); Thorat, AV (Thorat, Anup Vilas)  
**Source:** JOURNAL OF PALAEOGEOGRAPHY-ENGLISH **Volume:** 5 **Issue:** 1 **Pages:** 43-71 **DOI:** 10.1016/j.jop.2015.12.001 **Published:** JAN 2016

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**Record 6 of 11**

**Title:** Glauconitic laminated crusts from hydrothermal alteration of Jurassic pillow-lavas (Betic Cordillera, S Spain): a microbial influence case  
**Author(s):** Reolid, M (Reolid, M.); Abad, I (Abad, I.)  
**Source:** JOURNAL OF IBERIAN GEOLOGY **Volume:** 40 **Issue:** 3 **Pages:** 389-408 **DOI:** 10.5209/rev\_JIGE.2014.v40.n3.43080 **Published:** 2014

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**Record 7 of 11**

**Title:** Celadonite and smectite formation in the Urkut Mn-carbonate ore deposit (Hungary)  
**Author(s):** Polgari, M (Polgari, Marta); Hein, JR (Hein, J. R.); Nemeth, T (Nemeth, T.); Pal-Molnar, E (Pal-Molnar, E.); Vigh, T (Vigh, T.)  
**Source:** SEDIMENTARY GEOLOGY **Volume:** 294 **Pages:** 157-163 **DOI:** 10.1016/j.sedgeo.2013.05.017 **Published:** AUG 15 2013

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**Record 8 of 11**

**Title:** Application of LA-ICP-MS to sedimentary phosphatic particles from Tunisian phosphorite deposits: Insights from trace elements and REE into paleo-depositional environments  
**Author(s):** Garnit, H (Garnit, Hechmi); Bouhlef, S (Bouhlef, Salah); Barca, D (Barca, Donatella); Chtara, C (Chtara, Chaker)  
**Source:** CHEMIE DER ERDE-GEOCHEMISTRY **Volume:** 72 **Issue:** 2 **Pages:** 127-139 **DOI:** 10.1016/j.chemer.2012.02.001 **Published:** 2012

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**Record 9 of 11**

**Title:** Spectroscopic methods for the analysis of celadonite and glauconite in Roman green wall paintings  
**Author(s):** Moretto, LM (Moretto, Ligia Maria); Orsega, EF (Orsega, Emilio Francesco); Mazzocchin, GA (Mazzocchin, Gian Antonio)  
**Source:** JOURNAL OF CULTURAL HERITAGE **Volume:** 12 **Issue:** 4 **Pages:** 384-391 **DOI:** 10.1016/j.culher.2011.04.003 **Published:** OCT-DEC 2011

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**Record 10 of 11**

**Title:** Protracted diagenetic alteration of REE contents in fossil bioapatites: Direct evidence from Lu-Hf isotope systematics  
**Author(s):** Kocsis, L (Kocsis, Laszlo); Trueman, CN (Trueman, Clive N.); Palmer, MR (Palmer, Martin R.)  
**Source:** GEOCHIMICA ET COSMOCHIMICA ACTA **Volume:** 74 **Issue:** 21 **Pages:** 6077-6092 **DOI:** 10.1016/j.gca.2010.08.007 **Published:** NOV 1 2010

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**Record 11 of 11**

**Title:** ARKOSE, SUBARKOSE, QUARTZ SAND, AND ASSOCIATED MUDS DERIVED FROM FELSIC PLUTONIC ROCKS IN GLACIAL TO TROPICAL HUMID CLIMATES  
**Author(s):** van de Kamp, PC (van de Kamp, Peter C.)  
**Source:** JOURNAL OF SEDIMENTARY RESEARCH **Volume:** 80 **Issue:** 9-10 **Pages:** 895-918 **DOI:** 10.2110/jsr.2010.081 **Published:** SEP-OCT 2010  
**Accession Number:** WOS:000282791500009  
**ISSN:** 1527-1404  
**eISSN:** 1938-3681

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**Record 11 of 18**

**Title:** A HALF-CENTURY OF ENVIRONMENTAL MINERAL FORMATION ON A

**PYRITE-BEARING WASTE DUMP IN THE MATRA MOUNTAINS, HUNGARY**

**Author(s):** Farkas, IM (Farkas, Izabella M.); Weiszbürg, TG (Weiszbürg, Tamas G.); Pekker, P (Pekker, Peter); Kuzmann, E (Kuzmann, Erno)

**Source:** CANADIAN MINERALOGIST **Volume:** 47 **Issue:** 3 **Pages:** 509-524 **DOI:** 10.3749/canmin.47.3.509 **Published:** JUN 2009

**Accession Number:** WOS:000268145100003

**Conference Title:** Session on Minerals in Contaminated Environments - Characterization, Stability, Impact held at the Frontiers in Mineral Sciences Meeting

**Conference Date:** JUN, 2007

**Conference Location:** Cambridge, ENGLAND

**Conference Sponsors:** Mineralog Soc Great Britain & Ireland, Mineralog Soc Amer, Mineralog Assoc Canada, Soc Francaise Mineralog Cristallog

**Cited by:** 10

**Record 1 of 10**

**Title:** Pickeringite from the Stone Town Nature Reserve in Ciezkowice (the Outer Carpathians, Poland)

**Author(s):** Marszalek, M (Marszalek, Mariola); Gawel, A (Gawel, Adam); Wlodek, A (Wlodek, Adam)

**Source:** MINERALS **Volume:** 10 **Issue:** 2 **Article**

**Number:** 187 **DOI:** 10.3390/min10020187 **Published:** FEB 2020

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**Record 2 of 10**

**Title:** Efflorescences on weathered sandstone tors in the Stone Town Nature Reserve in Ciezkowice (the Outer Carpathians, Poland)-their geochemical and geomorphological controls

**Author(s):** Alexandrowicz, Z (Alexandrowicz, Zofia); Marszalek, M (Marszalek, Mariola)

**Source:** ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **Volume:** 26 **Issue:** 36 **Pages:** 37254-37274 **DOI:** 10.1007/s11356-019-06778-4

**Published:** DEC 2019

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**Record 3 of 10**

**Title:** Micromorphology and environmental behavior of oxide deposit layers in sulfide-rich tailings in Tongling, Anhui Province, China

**Author(s):** Zheng, LG (Zheng, Liugen); Qiu, Z (Qiu, Zheng); Tang, Q (Tang, Quan); Li, Y (Li, Yang)

**Source:** ENVIRONMENTAL POLLUTION **Volume:** 251 **Pages:** 484-492 **DOI:** 10.1016/j.envpol.2019.04.131 **Published:** AUG 2019

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**Record 4 of 10**

**Title:** Crystal chemistry, Mossbauer spectroscopy, and thermodynamic properties of botryogen

**Author(s):** Majzlan, J (Majzlan, Juraj); Plasil, J (Plasil, Jakub); Dachs, E (Dachs, Edgar); Benisek, A (Benisek, Artur); Koch, CB (Koch, Christian Bender)

**Source:** NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN **Volume:** 193 **Issue:** 2 **Pages:** 147-159 **DOI:** 10.1127/njma/2016/0299 **Published:** APR 2016

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**Record 5 of 10**

**Title:** Structural incorporation of As<sup>5+</sup> into rhombochalcocite ((H<sub>5</sub>O<sub>2</sub>) Fe<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub> · 2H<sub>2</sub>O) and (H<sub>3</sub>O)Fe(SO<sub>4</sub>)<sub>2</sub>

**Author(s):** Bolanz, RM (Bolanz, Ralph M.); Gottlicher, J (Goettlicher, Joerg); Steininger, R (Steininger, Ralph); Wieczorek, A (Wieczorek, Arkadiusz)

**Source:** CHEMOSPHERE **Volume:** 146 **Pages:** 338-345 **DOI:** 10.1016/j.chemosphere.2015.11.048 **Published:** MAR 2016

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**Record 6 of 10**

**Title:** Arsenic mineralogy and mobility in the arsenic-rich historical mine waste dump

**Author(s):** Filippi, M (Filippi, Michal); Drahotka, P (Drahotka, Petr); Machovic, V (Machovic, Vladimir);

Bohmova, V (Boehmova, Vlasta); Mihaljevic, M (Mihaljevic, Martin)

**Source:** SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 536 **Pages:** 713-728 **DOI:** 10.1016/j.scitotenv.2015.07.113 **Published:** DEC 1 2015

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**Record 7 of 10**

**Title:** Investigation of water-rock interactions in Cambrian black shale via a flow-through experiment

**Author(s):** Liao, X (Liao, Xin); Chigira, M (Chigira, Masahiro); Matsushi, Y (Matsushi, Yuki); Wu, XY (Wu, Xiyong)

**Source:** APPLIED GEOCHEMISTRY **Volume:** 51 **Pages:** 65-78 **DOI:** 10.1016/j.apgeochem.2014.09.012 **Published:** DEC 2014

**Accession Number:** WOS:000345405400007

**ISSN:** 0883-2927

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**Record 8 of 10**

**Title:** The stability of sulfate and hydrated sulfate minerals near ambient conditions and their significance in environmental and planetary sciences

**Author(s):** Chou, IM (Chou, I-Ming); Seal, RR (Seal, Robert R., II); Wang, A (Wang, Alian)

**Source:** JOURNAL OF ASIAN EARTH SCIENCES **Volume:** 62 **Special Issue:** SI **Pages:** 734-758 **DOI:** 10.1016/j.jseaes.2012.11.027 **Published:** JAN 30 2013

**Accession Number:** WOS:000315076500058

**ISSN:** 1367-9120

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**Record 9 of 10**

**Title:** Geochemical and mineralogical control on the mobility of arsenic in a waste rock pile at Dlouha Ves, Czech Republic

**Author(s):** Kocourkova, E (Kocourkova, E.); Sracek, O (Sracek, O.); Houzar, S (Houzar, S.); Cempirek, J (Cempirek, J.); Losos, Z (Losos, Z.); Filip, J (Filip, J.); Hrselova, P (Hrselova, P.)

**Source:** JOURNAL OF GEOCHEMICAL EXPLORATION **Volume:** 110 **Issue:** 2 **Pages:** 61-73 **DOI:** 10.1016/j.gexplo.2011.02.009 **Published:** AUG 2011

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**Record 10 of 10**

**Title:** A Raman spectroscopic study of copiapites  $\text{Fe}_2+\text{Fe}_3+(\text{SO}_4)(6)(\text{OH})(2)$  center dot  $20\text{H}(2)\text{O}$ : environmental implications

**Author(s):** Frost, RL (Frost, Ray L.)

**Source:** JOURNAL OF RAMAN SPECTROSCOPY **Volume:** 42 **Issue:** 5 **Pages:** 1130-1134 **DOI:** 10.1002/jrs.2795 **Published:** MAY 2011

**Accession Number:** WOS:000291364900035

**ISSN:** 0377-0486

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**Record 12 of 18**

**Title:** Application of micro X-ray diffraction on lamellar, black shale related Mn ore, Urkut, Hungary

**Author(s):** Cora, I (Cora, I.); Weiszbarg, TG (Weiszbarg, T. G.); Post, J (Post, J.)

**Source:** GEOCHIMICA ET COSMOCHIMICA ACTA **Volume:** 73 **Issue:** 13 **Pages:** A243-A243 **Published:** JUN 2009

**Accession Number:** WOS:000267229900498

**Conference Title:** 19th Annual VM Goldschmidt Conference

**Conference Date:** JUN 21, 2009

**Conference Location:** Davos, SWITZERLAND

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**Record 13 of 18**

**Title:** Mossbauer characteristics of glauconitisation

**Author(s):** Kuzmann, E (Kuzmann, E.); Weiszbürg, TG (Weiszbürg, T. G.); Toth, E (Toth, E.); Garg, VK (Garg, V. K.)

**Source:** HYPERFINE INTERACTIONS **Volume:** 186 **Issue:** 1-3 **Pages:** 1-8 **DOI:** 10.1007/s10751-008-9833-3 **Published:** SEP 2008

**Cited by 4:**

**Record 1 of 4**

**Title:** Revisiting the identification of commercial and historical green earth pigments

**Author(s):** Fanost, A (Fanost, Agathe); Gimat, A (Gimat, Alice); de Viguerie, L (de Viguerie, Laurence); Martinetto, P (Martinetto, Pauline); Giot, AC (Giot, Anne-Claire); Clemancey, M (Clemancey, Martin); Blondin, G (Blondin, Genevieve); Gaslain, F (Gaslain, Fabrice); Glanville, H (Glanville, Helen); Walter, P (Walter, Philippe); Meriguet, G (Meriguet, Guillaume); Rollet, AL (Rollet, Anne-Laure); Jaber, M (Jaber, Maguy)

**Source:** COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 584 **Article Number:** 124035 **DOI:** 10.1016/j.colsurfa.2019.124035 **Published:** JAN 2 2020

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**Record 2 of 4**

**Title:** AN EXPERIMENTAL STUDY ON TRANSFORMING MONTMORILLONITE TO GLAUCONITE: IMPLICATIONS FOR THE PROCESS OF GLAUCONITIZATION

**Author(s):** Zhang, XK (Zhang, Xiaoke); Cai, YF (Cai, Yuanfeng); Jiang, DM (Jiang, Dongmei); Zhang, Y (Zhang, Yang); Pan, YG (Pan, Yuguan); Bai, LJ (Bai, Lijuan)

**Source:** CLAYS AND CLAY MINERALS **Volume:** 65 **Issue:** 6 **Pages:** 431-448 **DOI:** 10.1346/CCMN.2017.064081 **Published:** DEC 2017

**Accession Number:** WOS:000424081800006

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**Record 3 of 4**

**Title:** Mineralogical characteristics and geological significance of Albian (Early Cretaceous) glauconite in Zanda, southwestern Tibet, China

**Author(s):** Li, X (Li, Xiang); Cai, YF (Cai, Yuanfeng); Hu, XM (Hu, Xiumian); Huang, ZC (Huang, Zhicheng); Wang, JG (Wang, Jiangan)

**Source:** CLAY MINERALS **Volume:** 47 **Issue:** 1 **Pages:** 45-58 **DOI:** 10.1180/claymin.2012.047.1.45 **Published:** MAR 2012

**Accession Number:** WOS:000301911500004

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**Record 4 of 4**

**Title:** Magnetic history of Early and Middle Ordovician sedimentary sequence, northern Estonia

**Author(s):** Plado, J (Plado, J.); Preeden, U (Preeden, U.); Pesonen, LJ (Pesonen, L. J.); Mertanen, S (Mertanen, S.); Puura, V (Puura, V.)

**Source:** GEOPHYSICAL JOURNAL INTERNATIONAL **Volume:** 180 **Issue:** 1 **Pages:** 147-157 **DOI:** 10.1111/j.1365-246X.2009.04406.x **Published:** JAN 2010

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**Record 14 of 18**

**Title:** Biotic and environmental changes in the Permian-Triassic boundary interval recorded on a western Tethyan ramp in the Bukk Mountains, Hungary

**Author(s):** Haas, J (Haas, Janos); Demeny, A (Demeny, Attila); Hips, K (Hips, Kinga); Zajzon, N (Zajzon, Norbert); Weiszbürg, TG (Weiszbürg, Tamas G.); Sudar, M (Sudar, Milan); Palfy, J (Palfy, Jozsef)

**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 55 **Issue:** 1-3 **Pages:** 136-154 **DOI:** 10.1016/j.gloplacha.2006.06.010 **Published:** JAN 2007

**Accession Number:** WOS:000243983900010

**Conference Title:** 32nd International Geological Congress

**Conference Date:** AUG 20-28, 2004

**Conference Location:** Florence, ITALY

**Cited by: 42**

**Record 1 of 42**

**Title:** Geochemistry of the new Permian-Triassic boundary section at Sitaricka Glavica, Jadar block, Serbia  
**Author(s):** Brookfield, ME (Brookfield, Michael E.); Williams, J (Williams, Jeremy); Stebbins, AG (Stebbins, Alan G.)  
**Source:** CHEMICAL GEOLOGY **Volume:** 550 **Article Number:** 119696 **DOI:** 10.1016/j.chemgeo.2020.119696 **Published:** SEP 20 2020  
**Accession Number:** WOS:000562695700007  
**ISSN:** 0009-2541  
**eISSN:** 1872-6836

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**Record 2 of 42**

**Title:** End-Permian stratigraphic timeline applied to the timing of marine and non-marine extinctions  
**Author(s):** Rampino, MR (Rampino, Michael R.); Eshet-Alkalai, Y (Eshet-Alkalai, Yoram); Koutavas, A (Koutavas, Athanasios); Rodriguez, S (Rodriguez, Sedelia)  
**Source:** PALAEOORLD **Volume:** 29 **Issue:** 3 **Pages:** 577-589 **DOI:** 10.1016/j.palwor.2019.10.002 **Published:** SEP 2020  
**Accession Number:** WOS:000574433400003  
**ISSN:** 1871-174X  
**eISSN:** 1875-5887

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**Record 3 of 42**

**Title:** Ooid factories operating under hothouse conditions in the earliest Triassic of South China  
**Author(s):** Li, F (Li, Fei); Gong, QL (Gong, Qiaolin); Burne, RV (Burne, Robert V.); Tang, H (Tang, Hao); Su, CP (Su, Chengpeng); Zeng, K (Zeng, Kai); Zhang, YF (Zhang, Yunfeng); Tan, XC (Tan, Xiucheng)  
**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 172 **Pages:** 336-354 **DOI:** 10.1016/j.gloplacha.2018.10.012 **Published:** JAN 2019

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**Record 4 of 42**

**Title:** The formation of microbial-metazoan bioherms and biostromes following the latest Permian mass extinction  
**Author(s):** Heindel, K (Heindel, Katrin); Foster, WJ (Foster, William J.); Richoz, S (Richoz, Sylvain); Birgel, D (Birgel, Daniel); Roden, VJ (Roden, Vanessa Julie); Baud, A (Baud, Aymon); Brandner, R (Brandner, Rainer); Krystyn, L (Krystyn, Leopold); Mohtat, T (Mohtat, Tayebah); Kosun, E (Kosun, Erdal); Twitchett, RJ (Twitchett, Richard J.); Reitner, J (Reitner, Joachim); Peckmann, J (Peckmann, Joern)  
**Source:** GONDWANA RESEARCH **Volume:** 61 **Pages:** 187-202 **DOI:** 10.1016/j.gr.2018.05.007 **Published:** SEP 2018

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**Record 5 of 42**

**Title:** Western Tethyan Epeiric Ramp Setting in the Early Triassic: An Example from the Central Dinarides (Croatia)  
**Author(s):** Aljinovic, D (Aljinovic, Dunja); Horacek, M (Horacek, Micha); Krystyn, L (Krystyn, Leopold); Richoz, S (Richoz, Sylvain); Kolar-Jurkovsek, T (Kolar-Jurkovsek, Tea); Smircic, D (Smircic, Duje); Jurkovsek, B (Jurkovsek, Bogdan)  
**Source:** JOURNAL OF EARTH SCIENCE **Volume:** 29 **Issue:** 4 **Pages:** 806-823 **DOI:** 10.1007/s12583-018-0787-3 **Published:** AUG 2018

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**Record 6 of 42**

**Title:** PALEOECOLOGICAL ANALYSIS OF BENTHIC RECOVERY AFTER THE LATE PERMIAN MASS EXTINCTION EVENT IN EASTERN LOMBARDY, ITALY  
**Author(s):** Foster, WJ (Foster, William J.); Danise, S (Danise, Silvia); Price, GD (Price, Gregory D.); Twitchett, RJ (Twitchett, Richard J.)  
**Source:** PALAIOS **Volume:** 33 **Issue:** 6 **Pages:** 266-281 **DOI:** 10.2110/palo.2017.079 **Published:** JUN 2018

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**Record 7 of 42**

**Title:** New results of microfaunal and geochemical investigations in the Permian-Triassic boundary interval from the Jadar Block (NW Serbia)

**Author(s):** Sudar, MN (Sudar, Milan N.); Kolar-Jurkovsek, T (Kolar-Jurkovsek, Tea); Nestell, GP (Nestell, Galina P.); Jovanovic, D (Jovanovic, Divna); Jurkovsek, B (Jurkovsek, Bogdan); Williams, J (Williams, Jeremy); Brookfield, M (Brookfield, Michael); Stebbins, A (Stebbins, Alan)

**Source:** GEOLOGICA CARPATHICA **Volume:** 69 **Issue:** 2 **Pages:** 169-186 **DOI:** 10.1515/geoca-2018-0010 **Published:** APR 2018

**Accession Number:** WOS:000429888000004

**ISSN:** 1335-0552

**eISSN:** 1336-8052

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**Record 8 of 42**

**Title:** Biostratigraphy and sedimentology of Upper Permian and Lower Triassic strata at Masore, Western Slovenia

**Author(s):** Kolar-Jurkovsek, T (Kolar-Jurkovsek, Tea); Jurkovsek, B (Jurkovsek, Bogdan); Nestell, GP (Nestell, Galina P.); Aljinovic, D (Aljinovic, Dunja)

**Source:** PALAEOGEOGRAPHY

PALAEOCLIMATOLOGY

PALAEOECOLOGY **Volume:** 490 **Pages:** 38-54 **DOI:** 10.1016/j.palaeo.2017.09.013 **Published:** JAN 15 2018

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**Record 9 of 42**

**Title:** Volatile earliest Triassic sulfur cycle: A consequence of persistent low seawater sulfate concentrations and a high sulfur cycle turnover rate?

**Author(s):** Schobben, M (Schobben, Martin); Stebbins, A (Stebbins, Alan); Algeo, TJ (Algeo, Thomas J.); Strauss, H (Strauss, Harald); Leda, L (Leda, Lucyna); Haas, J (Haas, Janos); Struck, U (Struck, Ulrich); Korn, D (Korn, Dieter); Korte, C (Korte, Christoph)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 486 **Special Issue:** SI **Pages:** 74-85 **DOI:** 10.1016/j.palaeo.2017.02.025 **Published:** NOV 15 2017

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**Record 10 of 42**

**Title:** Global nickel anomaly links Siberian Traps eruptions and the latest Permian mass extinction

**Author(s):** Rampino, MR (Rampino, Michael R.); Rodriguez, S (Rodriguez, Sedelia); Baransky, E (Baransky, Eva); Cai, Y (Cai, Yue)

**Source:** SCIENTIFIC REPORTS **Volume:** 7 **Article Number:** 12416 **DOI:** 10.1038/s41598-017-12759-9 **Published:** SEP 29 2017

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**Record 11 of 42**

**Title:** Clay mineralogical characteristics at the Permian-Triassic Shangsi section and their paleoenvironmental and/or paleoclimatic significance

**Author(s):** Xu, GZ (Xu, Guozhen); Deconinck, JF (Deconinck, Jean-Francois); Feng, QL (Feng, Qinglai); Baudin, F (Baudin, Francois); Pellenard, P (Pellenard, Pierre); Shen, J (Shen, Jun); Bruneau, L (Bruneau, Ludovic)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 474 **Special Issue:** SI **Pages:** 152-163 **DOI:** 10.1016/j.palaeo.2016.07.036 **Published:** MAY 15 2017

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**Record 12 of 42**

**Title:** A multistratigraphic approach to pinpoint the Permian-Triassic boundary in continental deposits: The Zechstein-Lower Buntsandstein transition in Germany

**Author(s):** Scholze, F (Scholze, Frank); Wang, X (Wang, Xu); Kirscher, U (Kirscher, Uwe); Kraft, J (Kraft, Johannes); Schneider, JW (Schneider, Joerg W.); Goetz, AE (Goetz, Annette E.); Joachimski, MM (Joachimski, Michael M.); Bachtadse, V (Bachtadse, Valerian)

**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 152 **Pages:** 129-151 **DOI:** 10.1016/j.gloplacha.2017.03.004 **Published:** MAY 2017

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**Record 13 of 42**

**Title:** The first evidence of Permian-Triassic shallow-marine transitional deposits in northern Croatia:

Samoborsko Gorje Hills

**Author(s):** Firi, KF (Firi, Karmen Fio); Sremac, J (Sremac, Jasenka); Vlahovic, I (Vlahovic, Igor)

**Source:** SWISS JOURNAL OF GEOSCIENCES **Volume:** 109 **Issue:** 3 **Pages:** 401-413 **DOI:** 10.1007/s00015-016-0233-4 **Published:** DEC 2016

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**Record 14 of 42**

**Title:** Ocean Chemistry Revealed by Mineralogical and Geochemical Evidence at the Permian-Triassic Mass Extinction, Offshore the Persian Gulf, Iran

**Author(s):** Tavakoli, V (Tavakoli, Vahid)

**Source:** ACTA GEOLOGICA SINICA-ENGLISH EDITION **Volume:** 90 **Issue:** 5 **Pages:** 1852-1864 **DOI:** 10.1111/1755-6724.12821 **Published:** OCT 2016

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**Record 15 of 42**

**Title:** Permian-Triassic boundary (PTB) in the Lower Yangtze Region, southeastern China: A new discovery of deep-water archive based on organic carbon isotopic and U-Pb geochronological studies

**Author(s):** Liao, ZW (Liao, Zhiwei); Hu, WX (Hu, Wenxuan); Cao, J (Cao, Jian); Wang, XL (Wang, Xiaolin); Yao, SP (Yao, Suping); Wan, Y (Wan, Ye)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 451 **Pages:** 124-139 **DOI:** 10.1016/j.palaeo.2016.03.004 **Published:** JUN 1 2016

**Accession Number:** WOS:000375517800011

**ISSN:** 0031-0182

**eISSN:** 1872-616X

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**Record 16 of 42**

**Title:** Global oolite deposits across the Permian-Triassic boundary: A synthesis and implications for palaeoceanography immediately after the end-Permian biocrisis

**Author(s):** Li, F (Li, Fei); Yan, JX (Yan, Jiabin); Chen, ZQ (Chen, Zhong-Qiang); Ogg, JG (Ogg, James G.); Tian, L (Tian, Li); Korngreen, D (Korngreen, Dorit); Liu, K (Liu, Ke); Ma, ZL (Ma, Zulu); Woods, AD (Woods, Adam D.)

**Source:** EARTH-SCIENCE REVIEWS **Volume:** 149 **Pages:** 163-180 **DOI:** 10.1016/j.earscirev.2014.12.006 **Published:** OCT 2015

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**Record 17 of 42**

**Title:** Geochemistry of post-extinction microbialites as a powerful tool to assess the oxygenation of shallow marine water in the immediate aftermath of the end-Permian mass extinction

**Author(s):** Collin, PY (Collin, P. Y.); Kershaw, S (Kershaw, S.); Tribouvillard, N (Tribouvillard, N.); Forel, MB (Forel, M. B.); Crasquin, S (Crasquin, S.)

**Source:** INTERNATIONAL JOURNAL OF EARTH SCIENCES **Volume:** 104 **Issue:** 4 **Pages:** 1025-1037 **DOI:** 10.1007/s00531-014-1125-3 **Published:** JUN 2015

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**Record 18 of 42**

**Title:** The importance of oxygen for the disparate recovery patterns of the benthic macrofauna in the Early Triassic

**Author(s):** Pietsch, C (Pietsch, Carlie); Bottjer, DJ (Bottjer, David J.)

**Source:** EARTH-SCIENCE REVIEWS **Volume:** 137 **Special Issue:** SI **Pages:** 65-84 **DOI:** 10.1016/j.earscirev.2013.12.002 **Published:** OCT 2014

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**Record 19 of 42**

**Title:** Assessing Early Triassic paleoceanographic conditions via unusual sedimentary fabrics and features

**Author(s):** Woods, AD (Woods, Adam D.)

**Source:** EARTH-SCIENCE REVIEWS **Volume:** 137 **Special Issue:** SI **Pages:** 6-18 **DOI:** 10.1016/j.earscirev.2013.08.015 **Published:** OCT 2014

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**Record 20 of 42**

**Title:** Ostracods (Crustacea) through Permian-Triassic events



**Author(s):** Crasquin, S (Crasquin, Sylvie); Forel, MB (Forel, Marie-Beatrice)

**Source:** EARTH-SCIENCE REVIEWS **Volume:** 137 **Special**  
**DOI:** 10.1016/j.earscirev.2013.01.006 **Published:** OCT 2014

**Issue:** SI **Pages:** 52-

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**Record 21 of 42**

**Title:** Coevalty of the sea-level fall and main mass extinction in the Permian-Triassic transition in Xiushui, Jiangxi Province, southern China

**Author(s):** Wu, YS (Wu, Ya-Sheng); Yuan, XH (Yuan, Xiao-Hong); Jiang, HX (Jiang, Hong-Xia); Liu, LJ (Liu, Li-Jing)

**Source:** JOURNAL OF PALAEOGEOGRAPHY-ENGLISH **Volume:** 3 **Issue:** 3 **Pages:** 309-322 **DOI:** 10.3724/SP.J.1261.2014.00058 **Published:** JUL 2014

**Accession Number:** WOS:000410419700005

**ISSN:** 2095-3836

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**Record 22 of 42**

**Title:** Discovery of an earliest Triassic, post-extinction foraminiferal assemblage above the Permian-Triassic boundary, Strandzha nappes, north-west Turkey

**Author(s):** Okuyucu, C (Okuyucu, Cengiz); Ivanova, D (Ivanova, Daria); Bedi, Y (Bedi, Yavuz); Ergen, A (Ergen, Ali)

**Source:** GEOLOGICAL QUARTERLY **Volume:** 58 **Issue:** 1 **Pages:** 117-124 **DOI:** 10.7306/gq.1145 **Published:** 2014

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**Record 23 of 42**

**Title:** Ocean's response to a changing climate: Clues from variations in carbonate mineralogy across the Permian-Triassic boundary of the Shareza Section, Iran

**Author(s):** Heydari, E (Heydari, Ezat); Arzani, N (Arzani, Nasser); Safaei, M (Safaei, Mohammad); Hassanzadeh, J (Hassanzadeh, Jamshid)

**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 105 **Special** **Issue:** SI **Pages:** 79-90 **DOI:** 10.1016/j.gloplacha.2012.12.013 **Published:** JUN 2013

**Accession Number:** WOS:000319311400007

**ISSN:** 0921-8181

**eISSN:** 1872-6364

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**Record 24 of 42**

**Title:** Microbial ooids and cortoids from the Lower Triassic (Spathian) Virgin Limestone, Nevada, USA: Evidence for an Early Triassic microbial bloom in shallow depositional environments

**Author(s):** Woods, AD (Woods, Adam D.)

**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 105 **Special** **Issue:** SI **Pages:** 91-101 **DOI:** 10.1016/j.gloplacha.2012.07.011 **Published:** JUN 2013

**Accession Number:** WOS:000319311400008

**ISSN:** 0921-8181

**eISSN:** 1872-6364

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**Record 25 of 42**

**Title:** Biodiversity evolution through the Permian-Triassic boundary event: Ostracods from the Bukk Mountains, Hungary

**Author(s):** Forel, MB (Forel, Marie-Beatrice); Crasquin, S (Crasquin, Sylvie); Hips, K (Hips, Kinga); Kershaw, S (Kershaw, Steve); Collin, PY (Collin, Pierre-Yves); Haas, J (Haas, Janos)

**Source:** ACTA PALAEOONTOLOGICA POLONICA **Volume:** 58 **Issue:** 1 **Pages:** 195-219 **DOI:** 10.4202/app.2011.0126 **Published:** MAR 2013

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**Record 26 of 42**

**Title:** The end-Permian mass extinction: A rapid volcanic CO<sub>2</sub> and CH<sub>4</sub>-climatic catastrophe

**Author(s):** Brand, U (Brand, Uwe); Posenato, R (Posenato, Renato); Came, R (Came, Rosemarie); Affek, H (Affek, Hagit); Angiolini, L (Angiolini, Lucia); Azmy, K (Azmy, Karem); Farabegoli, E (Farabegoli, Enzo)

**Source:** CHEMICAL GEOLOGY **Volume:** 322 **Pages:** 121-

**Record 27 of 42**

**Title:** Lower Triassic oolites of the Nanpanjiang Basin, south China: Facies architecture, giant ooids, and diagenesis-Implications for hydrocarbon reservoirs

**Author(s):** Lehrmann, DJ (Lehrmann, Daniel J.); Minzoni, M (Minzoni, Marcello); Li, XW (Li, Xiaowei); Yu, MY (Yu, Meiyi); Payne, JL (Payne, Jonathan L.); Kelley, BM (Kelley, Brian M.); Schaal, EK (Schaal, Ellen K.); Enos, P (Enos, Paul)

**Source:** AAPG BULLETIN Volume: 96 Issue: 8 Pages: 1389-1414 DOI: 10.1306/01231211148 Published: AUG 2012

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**Record 28 of 42**

**Title:** Ppt range iridium determination by RNAA and application of that method on a Permian/Triassic boundary section, Balvány, Bukk Mts., Hungary

**Author(s):** Zajzon, N (Zajzon, N.); Molnar, Z (Molnar, Zs.); Weiszbürg, TG (Weiszbürg, T. G.)

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY Volume: 291 Issue: 3 Pages: 579-586 DOI: 10.1007/s10967-011-1562-4 Published: MAR 2012

**Accession Number:** WOS:000300295800001

**ISSN:** 0236-5731

**eISSN:** 1588-2780

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**Record 29 of 42**

**Title:** Revised conodont zonation and conodont evolution across the Permian-Triassic boundary at the Shangsi section, Guangyuan, Sichuan, South China

**Author(s):** Jiang, HS (Jiang, Haishui); Lai, XL (Lai, Xulong); Yan, CB (Yan, Chunbo); Aldridge, RJ (Aldridge, Richard J.); Wignall, P (Wignall, Paul); Sun, YD (Sun, Yadong)

**Source:** GLOBAL AND PLANETARY CHANGE Volume: 77 Issue: 3-4 Pages: 103-115 DOI: 10.1016/j.gloplacha.2011.04.003 Published: JUN 2011

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**Record 30 of 42**

**Title:** Multiple provenance of detrital zircons from the Permian-Triassic boundary in the Bukk Mts., Hungary

**Author(s):** Zajzon, N (Zajzon, Norbert); Szabo, Z (Szabo, Zsófia); Weiszbürg, TG (Weiszbürg, Tamas Gabor); Jeffries, TE (Jeffries, Teresa Elizabeth)

**Source:** INTERNATIONAL JOURNAL OF EARTH SCIENCES Volume: 100 Issue: 1 Pages: 125-138 DOI: 10.1007/s00531-009-0500-y Published: JAN 2011

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**Record 31 of 42**

**Title:** Stepwise and large-magnitude negative shift in delta C-13(carb) preceded the main marine mass extinction of the Permian-Triassic crisis interval

**Author(s):** Luo, GM (Luo, Genming); Wang, YB (Wang, Yongbiao); Yang, H (Yang, Hao); Algeo, TJ (Algeo, Thomas J.); Kump, LR (Kump, Lee R.); Huang, JH (Huang, Junhua); Xie, SC (Xie, Shucheng)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY Volume: 299 Issue: 1-2 Pages: 70-82 DOI: 10.1016/j.palaeo.2010.10.035 Published: JAN 1 2011

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**Record 32 of 42**

**Title:** Stable isotope and trace element stratigraphy across the Permian-Triassic transition: A redefinition of the boundary in the Velebit Mountain, Croatia

**Author(s):** Fio, K (Fio, Karmen); Spangenberg, JE (Spangenberg, Jorge E.); Vlahovic, I (Vlahovic, Igor); Sremac, J (Sremac, Jasenka); Velic, I (Velic, Ivo); Mrinjek, E (Mrinjek, Ervin)

**Source:** CHEMICAL GEOLOGY Volume: 278 Issue: 1-2 Pages: 38-57 DOI: 10.1016/j.chemgeo.2010.09.001 Published: NOV 1 2010

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**Record 33 of 42**

**Title:** Carbon-isotope stratigraphy across the Permian-Triassic boundary: A review

**Author(s):** Korte, C (Korte, Christoph); Kozur, HW (Kozur, Heinz W.)

**Source:** JOURNAL OF ASIAN EARTH SCIENCES **Volume:** 39 **Issue:** 4 **Pages:** 215-235 **DOI:** 10.1016/j.jseas.2010.01.005 **Published:** SEP 9 2010

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**Record 34 of 42**

**Title:** Pyrite framboid study of marine Permian-Triassic boundary sections: A complex anoxic event and its relationship to contemporaneous mass extinction

**Author(s):** Bond, DPG (Bond, David P. G.); Wignall, PB (Wignall, Paul B.)

**Source:** GEOLOGICAL SOCIETY OF AMERICA BULLETIN **Volume:** 122 **Issue:** 7-8 **Pages:** 1265-1279 **DOI:** 10.1130/B30042.1 **Published:** JUL-AUG 2010

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**Record 35 of 42**

**Title:** Relationships between carbon isotope evolution and variation of microbes during the Permian-Triassic transition at Meishan Section, South China

**Author(s):** Luo, GM (Luo, Genming); Huang, JH (Huang, Junhuang); Xie, SC (Xie, Shucheng); Wignall, PB (Wignall, Paul B.); Tang, XY (Tang, Xinyan); Huang, XY (Huang, Xianyu); Yin, HF (Yin, Hongfu)

**Source:** INTERNATIONAL JOURNAL OF EARTH SCIENCES **Volume:** 99 **Issue:** 4 **Pages:** 775-784 **DOI:** 10.1007/s00531-009-0421-9 **Published:** JUN 2010

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**Record 36 of 42**

**Title:** Survival patterns of macrobenthic marine assemblages during the end-Permian mass extinction in the western Tethys (Dolomites, Italy)

**Author(s):** Posenato, R (Posenato, Renato)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 280 **Issue:** 1-2 **Pages:** 150-167 **DOI:** 10.1016/j.palaeo.2009.06.009 **Published:** SEP 1 2009

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**Record 37 of 42**

**Title:** Facies and diagenetic evaluation of the Permian-Triassic boundary interval and basal Triassic carbonates: shallow and deep ramp sections, Hungary

**Author(s):** Hips, K (Hips, Kinga); Haas, J (Haas, Janos)

**Source:** FACIES **Volume:** 55 **Issue:** 3 **Pages:** 421-442 **DOI:** 10.1007/s10347-009-0182-8 **Published:** AUG 2009

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**Record 38 of 42**

**Title:** Conodonts across the Permian-Triassic boundary in the Bukk Mountains (NE Hungary)

**Author(s):** Sudar, M (Sudar, Milan); Perr, MC (Perr, Maria Cristina); Haas, J (Haas, Janos)

**Source:** GEOLOGICA CARPATHICA **Volume:** 59 **Issue:** 6 **Pages:** 491-502 **Published:** DEC 2008

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**Record 39 of 42**

**Title:** Mantle plume: The invisible serial killer - Application to the Permian-Triassic boundary mass extinction

**Author(s):** Heydari, E (Heydari, Ezat); Arzani, N (Arzani, Nasser); Hassanzadeh, J (Hassanzadeh, Jamshid)

**Source:** PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY **Volume:** 264 **Issue:** 1-2 **Pages:** 147-162 **DOI:** 10.1016/j.palaeo.2008.04.013 **Published:** JUL 7 2008

**Accession Number:** WOS:000258017600013

**ISSN:** 0031-0182

**eISSN:** 1872-616X

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**Record 40 of 42**

**Title:** Changes in the global carbon cycle occurred as two episodes during the Permian-Triassic crisis

**Author(s):** Xie, SC (Xie, Shucheng); Pancost, RD (Pancost, Richard D.); Huang, JH (Huang, Junhua); Wignall, PB (Wignall, Paul B.); Yu, JX (Yu, Jianxin); Tang, XY (Tang, Xinyan); Chen, L (Chen, Lin); Huang, XY (Huang, Xianyu); Lai, XL (Lai, Xulong)

**Source:** GEOLOGY **Volume:** 35 **Issue:** 12 **Pages:** 1083-1086 **DOI:** 10.1130/G24224A.1 **Published:** DEC 2007

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**Record 41 of 42**

**Title:** The pattern and causality of the Permian-Triassic extinction

**Author(s):** Yin, H (Yin Hongfu); Feng, Q (Feng Qinglai); Xie, S (Xie Shucheng); Yu, J (Yu Jianxin); He, W (He Weihong); Liang, H (Liang Hangdong); Lai, X (Lai Xulong)

**Source:** JOURNAL OF CHINA UNIVERSITY OF GEOSCIENCES **Volume:** 18 **Special Issue:** SI **Pages:** 386-388 **Published:** JUN 2007

**Accession Number:** WOS:000249768900147

**Conference Title:** 6th Annual Meeting of the International-Professionals-for-the-Advancement-of-Chinese-Earth-Sciences

**Conference Date:** JUN 25-28, 2007

**Conference Location:** China Univ Geol Sci, Wuhan, PEOPLES R CHINA

**Conference Sponsors:** Int Professionals Advancement Chinese Earth Sci

**Conference Host:** China Univ Geol Sci

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#### **Record 42 of 42**

**Title:** The protracted Permo-Triassic crisis and multi-episode extinction around the Permian-Triassic boundary

**Author(s):** Yin, HF (Yin, Hongfu); Feng, QL (Feng, Qinglai); Lai, XL (Lai, Xulong); Baud, A (Baud, Aymon); Tong, JN (Tong, Jinnan)

**Source:** GLOBAL AND PLANETARY CHANGE **Volume:** 55 **Issue:** 1-3 **Pages:** 1-20 **DOI:** 10.1016/j.gloplacha.2006.06.005 **Published:** JAN 2007

**Accession Number:** WOS:000243983900002

**Conference Title:** 32nd International Geological Congress

**Conference Date:** AUG 20-28, 2004

**Conference Location:** Florence, ITALY

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#### **Record 15 of 18**

**Title:** The evolution of REE and other trace element patterns in the course of glauconitization

**Author(s):** Toth, E (Toth, E); Weiszbürg, TG (Weiszbürg, TG)

**Source:** GEOCHIMICA ET COSMOCHIMICA ACTA **Volume:** 68 **Issue:** 11 **Pages:** A378-A378 **Supplement:** S **Published:** JUN 2004

**Accession Number:** WOS:000221923400651

**Conference Title:** 14th Annual V M Goldschmidt Conference

**Conference Date:** JUN 05-11, 2004

**Conference Location:** Univ Copenhagen, Copenhagen, DENMARK

**Conference Sponsors:** European Assoc Geochem, Geochem Soc, Geochem Soc Japan, Mineralog Soc Amer

**Conference Host:** Univ Copenhagen

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#### **Record 16 of 18**

**Title:** Oxide transformation during preparation of black pottery in Hungary

**Author(s):** Nagy, S (Nagy, S); Kuzmann, E (Kuzmann, E); Weiszbürg, T (Weiszbürg, T); Gyokeres-Toth, M (Gyokeres-Toth, M); Riedel, M (Riedel, M)

**Source:** JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY **Volume:** 246 **Issue:** 1 **Pages:** 91-96 **DOI:** 10.1023/A:1006733131174 **Published:** OCT 2000

**Accession Number:** WOS:000090034600015

**Conference Title:** International Conference on Mossbauer Spectroscopy of Sophisticated Oxides held at the Eotvos Workshops in Science 99

**Cited by 4:**

**Record 1 of 4**

**Title:** Solid-state electrochemical analysis of Inka pottery from Qotakalli archeological site in the Cusco (Peru) area

**Author(s):** La-Torre-Riveros, L (La-Torre-Riveros, Lyda); Domenech-Carbo, A (Domenech-Carbo, Antonio); Cabrera, CR (Cabrera, Carlos R.); Domenech-Carbo, MT (Teresa Domenech-Carbo, Maria); Huahuasoncco-Condori, W (Huahuasoncco-Condori, Wilber); Guzman, DQ (Guzman, Dino Quispe); Gutierrez-Castillo, MD (del Carmen Gutierrez-Castillo, Maria); Carmona-Ochoa, K (Carmona-Ochoa, Katia); Perez-Trujillo, A (Perez-Trujillo, Amelia)

**Source:** JOURNAL OF SOLID STATE ELECTROCHEMISTRY **Volume:** 23 **Issue:** 5 **Pages:** 1541-1552 **DOI:** 10.1007/s10008-019-04243-3 **Published:** MAY 2019

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**Record 2 of 4**

**Title:** Mineralogical and geochemical characterization of archaeological ceramics from the 16th century El Badi Palace, Morocco

**Author(s):** El Halim, M (El Halim, Mouhssin); Daoudi, L (Daoudi, Lahcen); El Ouahabi, M (El Ouahabi, Meriam); Rousseau, V (Rousseau, Valerie); Cools, C (Cools, Catherine); Fagel, N (Fagel, Nathalie)

**Source:** CLAY MINERALS **Volume:** 53 **Issue:** 3 **Pages:** 459-470 **DOI:** 10.1180/clm.2018.33 **Published:** SEP 2018

**Accession Number:** WOS:000467734900011

**Conference Title:** 16th International Clay Conference (ICC)

**Conference Date:** JUL 17-21, 2017

**Conference Location:** Granada, SPAIN

**Conference Sponsors:** Spanish Clay Soc

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**Record 3 of 4**

**Title:** Technological fingerprints of Black-Gloss Ware from Motya (Western Sicily, Italy)

**Author(s):** De Vito, C (De Vito, Caterina); Medeghini, L (Medeghini, Laura); Mignardi, S (Mignardi, Silvano); Orlandi, D (Orlandi, Diletta); Nigro, L (Nigro, Lorenzo); Spagnoli, F (Spagnoli, Federica); Lottici, PP (Lottici, Pier Paolo); Bersani, D (Bersani, Danilo)

**Source:** APPLIED CLAY SCIENCE **Volume:** 88-89 **Pages:** 202-213 **DOI:** 10.1016/j.clay.2013.12.026 **Published:** FEB 2014

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**Record 4 of 4**

**Title:** MINERALOGICAL INVESTIGATIONS OF MEDIEVAL BRICK SAMPLES FROM BEKES COUNTY (SE HUNGARY)

**Author(s):** Kristaly, F (Kristaly, F.); Kelemen, E (Kelemen, E.); Rozsa, P (Rozsa, P.); Nyilas, I (Nyilas, I.); Papp, I (Papp, I.)

**Source:** ARCHAEOLOGY **Volume:** 54 **Pages:** 250-266 **DOI:** 10.1111/j.1475-4754.2011.00628.x **Part:** 2 **Published:** APR 2012

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**Record 17 of 18**

**Title:** GROWTH AND SECTOR ZONING IN THE ALUNITE OF LEGYESBENYE (NORTHEAST HUNGARY)

**Author(s):** SZAKALL, S (SZAKALL, S); TAKACS, J (TAKACS, J); WEISZBURG, T (WEISZBURG, T)

**Source:** MIKROSKOPIE **Volume:** 40 **Issue:** 3-4 **Pages:** 113-113 **Published:** 1983

**Accession Number:** WOS:A1983QU85900028

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**Record 18 of 18**

**Title:** THE REAL STRUCTURE OF LUDWIGITE

**Author(s):** DODONY, I (DODONY, I); WEISZBURG, T (WEISZBURG, T)

**Source:** MIKROSKOPIE **Volume:** 40 **Issue:** 5-6 **Pages:** 146-146 **Published:** 1983

**Accession Number:** WOS:A1983RF93300016

**ISSN:** 0026-3702

Cited by 1:

**Record 1 of 1**

**Title:** GEM OLIVINE AND CALCITE MINERALIZATION PRECIPITATED FROM SUBDUCTION-DERIVED FLUIDS IN THE KOHISTAN ARC-MANTLE (PAKISTAN)

**Author(s):** Bouilhol, P (Bouilhol, Pierre); Burg, JP (Burg, Jean-Pierre); Bodinier, JL (Bodinier, Jean-Louis); Schmidt, MW (Schmidt, Max W.); Bernasconi, SM (Bernasconi, Stefano M.); Dawood, H (Dawood, Hamid)

**Source:** CANADIAN MINERALOGIST **Volume:** 50 **Issue:** 5 **Pages:** 1291-1304 **DOI:** 10.3749/canmin.50.5.1291 **Published:** OCT 2012

**K. Alte realizări semnificative.**

**Co-autor la baza de date:**

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