

Curriculum vitae

Informații personale

Nume/Prenume	Dr. WEISZBURG TAMÁS GÁBOR
Adresa	BUDAPEST, UNGARIA
Telefon	
E-mail	glaconite@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/scriș

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 grupeii 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 Medzihradzsky 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,
13.01.2025 .

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 μ -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–glauconite 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 glauconitisation,” *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. Pálfi, “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, Gőr," *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 tudósegyéniségei*, 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. Annamaria Kis, **Weiszburg T.**, Dunkl I., Buda Gy. 2023 Interpretation of wide zircon U–Pb age distributions in durbachite-type Variscan granitoid in the Mórág Hills, *Mineralogy and Petrology* 117/4, Springer, pp.1–21
2. V. Mozgai, B. Topa, **T. Weiszburg**, Z. Mráv, and B. Bajnóczi, “SEM–EDS and μ -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.
3. Szente, B. Takács, E. Harman-Tóth, and **T. G. Weiszbürg**, “Managing and Surveying the Geological Garden at Tata (Northern Transdanubia, Hungary),” *GEOHERITAGE*, vol. 11, pp. 1353–1365, 2019. (IF: 3,063), Scimago ranking Q2.
 4. 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.
 5. **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.
 6. 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.
 7. 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.
 8. 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.
 9. 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.
 10. 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.
 11. 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.

12. Farkas, T. **Weiszburg**, 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. Benyó Judit, Mereisz T., Tóth Erzsébet, **Weiszburg T.** 2023 Szennyvízkezelés során képződő, technológiai szempontból káros ásványkiválások feltérképezése és javaslatétel ezek hasznosítására, *Sciencia et Securitas* 3/3, pp. 219–226
2. Magyari, Sándor István ; Gherdán, Katalin ; Markó, András ; Topa, Boglárka ; Albert, Gáspár ; **Weiszburg, 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)
3. Benyó, J. ; Harman-Tóth, E.; Márialigeti, K.; Mireisz, T. ; **Weiszburg, T. G.** Spontaneous and directed environmental mineral formation in wastewater treatment technology *Acta mineralogica petrographica* - abstract series 11 paper: 14524 (2021)
4. Hegyesi, e. B. ; Topa, B. A. ; **Weiszburg, T.G.** Sector zonedluminescent gypsumcrystals from gánt, hungary *Acta mineralogica petrographica* - abstract series 11 p. 13 (2021)
5. Hmissi, N. ; Prasetyo, D. G. ; Harman-Tóth, E. ; **Weiszburg, 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)
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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 bogați 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 grupeii 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 Medzihradsky 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

Citări 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); Weiszbürg, TG (Weiszbürg, 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.); Weiszbürg, TG (Weiszbürg, 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)^[1]; [Yang, JC](#) (Yang, Junchang)^[2]; [Liu, Y](#) (Liu, Yan)^[2]; [Zheng, YZ](#) (Zheng, Yaozheng)^[1]; [Yang, JK](#) (Yang, Junkai)^[3] **SCIENTIFIC REPORTS, Volume:** 10

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): Weiszbarg, TG (Weiszbarg, 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: PRAKTIISCHE 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

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

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

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

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

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

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

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.); Weiszbürg, TG (Weiszbürg, Tamas G.); Mrav, Z (Mrav, Zsolt); Bajnóczi, B (Bajnóczi, 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

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

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); Weiszbürg, T (Weiszbürg, 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

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.); Weiszbürg, TG (Weiszbürg, 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

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

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

Record 4 of 4

Title: Perovskite alteration in kimberlites and carbonatites: the role of kassite, $\text{CaTi}_2\text{O}_4(\text{OH})_2$

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

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); Weiszbürg, TG (Weiszbürg, 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

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

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

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 (Argyaki, 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

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

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

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

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

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

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

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

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

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

Record 7 of 18

Title: Ppt range iridium determination by RNAA and application of that method on a Permian/Triassic boundary section, Balvány, Bükk 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

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

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

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

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:** 10.1127/0077-7757/2013/0240 **Published:** APR 2013

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)

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

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

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

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

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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.)

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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

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

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

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

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

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Author(s): Filippi, M (Filippi, Michal); Drahota, P (Drahota, Petr); Machovic, V (Machovic, Vladimir); Bohmova, V (Boehmova, Vlasta); Mihaljevic, M (Mihaljevic, Martin)

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

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

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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.)

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

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

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

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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)

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

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

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Conference Location: Florence, ITALY

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Author(s): Brookfield, ME (Brookfield, Michael E.); Williams, J (Williams, Jeremy); Stebbins, AG (Stebbins, Alan G.)

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Author(s): Rampino, MR (Rampino, Michael R.); Eshet-Alkalai, Y (Eshet-Alkalai, Yoram); Koutavas, A (Koutavas, Athanasios); Rodriguez, S (Rodriguez, Sedelia)
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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)
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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, Tayebeh); Kosun, E (Kosun, Erdal); Twitchett, RJ (Twitchett, Richard J.); Reitner, J (Reitner, Joachim); Peckmann, J (Peckmann, Joern)
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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, Dje); Jurkovsek, B (Jurkovsek, Bogdan)
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Author(s): Foster, WJ (Foster, William J.); Danise, S (Danise, Silvia); Price, GD (Price, Gregory D.); Twitchett, RJ (Twitchett, Richard J.)
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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)

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

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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)

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

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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)

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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)

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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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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)

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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)

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ISSN: 0031-0182

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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.)

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

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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.)

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

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Title: Ostracods (Crustacea) through Permian-Triassic events

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

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

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

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

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

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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)

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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, Kareem); Farabegoli, E (Farabegoli, Enzo)

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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)

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

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

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

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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)

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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)

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

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Author(s): Toth, E (Toth, E); Weiszbarg, TG (Weiszbarg, TG)

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Accession Number: WOS:000221923400651

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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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Title: Oxide transformation during preparation of black pottery in Hungary

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

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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

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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)

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Accession Number: WOS:000467734900011

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Conference Date: JUL 17-21, 2017

Conference Location: Granada, SPAIN

Conference Sponsors: Spanish Clay Soc

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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)

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

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

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

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Weiszburg Tamás

