

Tamás Vácz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

596
citations

623734

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610901

24
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26
all docs

26
docs citations

26
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Retention of uranium in complexly altered zircon: An example from Bancroft, Ontario. <i>Chemical Geology</i> , 2010, 269, 290-300.	3.3	88
2	The phenomenon of deficient electron microprobe totals in radiation-damaged and altered zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1637-1650.	3.9	78
3	A New, Simple Approximation for the Deconvolution of Instrumental Broadening in Spectroscopic Band Profiles. <i>Applied Spectroscopy</i> , 2014, 68, 1274-1278.	2.2	68
4	Zircon M127 – A Homogeneous Reference Material for ⁴¹ Ca/ ⁴³ Ca SIMS U–Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 457-475.	3.1	49
5	Chemical changes in PMMA as a function of depth due to proton beam irradiation. <i>Materials Chemistry and Physics</i> , 2011, 130, 702-707.	4.0	41
6	Interactions and Chemical Transformations of Coronene Inside and Outside Carbon Nanotubes. <i>Small</i> , 2014, 10, 1369-1378.	10.0	33
7	Helium irradiation study on zircon. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 777-789.	3.1	30
8	On the breakdown of zircon upon dry thermal annealing. <i>Mineralogy and Petrology</i> , 2009, 97, 129-138.	1.1	24
9	Raman study of radiation-damaged zircon under hydrostatic compression. <i>Physics and Chemistry of Minerals</i> , 2008, 35, 597-602.	0.8	23
10	Electron-beam-induced annealing of natural zircon: a Raman spectroscopic study. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 389-401.	0.8	22
11	Carbon microspheres decorated with iron sulfide nanoparticles for mercury(II) removal from water. <i>Journal of Materials Science</i> , 2020, 55, 1425-1435.	3.7	22
12	Scientific results and lessons learned from an integrated crewed Mars exploration simulation at the Rio Tinto Mars analogue site. <i>Acta Astronautica</i> , 2014, 94, 736-748.	3.2	18
13	Medieval Gilding Technology of Historical Metal Threads Revealed by Electron Optical and Micro-Raman Spectroscopic Study of Focused Ion Beam-Milled Cross Sections. <i>Analytical Chemistry</i> , 2017, 89, 10753-10760.	6.5	17
14	Nanofurry magnetic carbon microspheres for separation processes and catalysis: synthesis, phase composition, and properties. <i>Journal of Materials Science</i> , 2015, 50, 7353-7363.	3.7	15
15	The role of magmatic and hydrothermal processes in the evolution of Be-bearing pegmatites: Evidence from beryl and its breakdown products. <i>American Mineralogist</i> , 2014, 99, 424-432.	1.9	13
16	Evidence for exhumation of a granite intrusion in a regional extensional stress regime based on coupled microstructural and fluid inclusion plane studies – An example from the Velence Mts., Hungary. <i>Journal of Structural Geology</i> , 2014, 65, 44-58.	2.3	9
17	Detection of small amounts of N ₂ in CO ₂ -rich high-density fluid inclusions from mantle xenoliths. <i>European Journal of Mineralogy</i> , 2017, 29, 423-431.	1.3	8
18	Incremental growth and mineralogy of Pannonian (Late Miocene) sciaenid otoliths: paleoecological implications. <i>Geologica Carpathica</i> , 2012, 63, 175-178.	0.7	7

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19	Javorieite, KFeCl ₃ : a new mineral hosted by salt melt inclusions in porphyry gold systems. <i>European Journal of Mineralogy</i> , 2017, 29, 995-1004.	1.3	7
20	Fusiform vateritic inclusions observed in European eel (<i>Anguilla anguilla</i> L.) <i>sagittae</i> . <i>Acta Biologica Hungarica</i> , 2017, 68, 267-278.	0.7	6
21	Carbon Microsphere-Supported Metallic Nickel Nanoparticles as Novel Heterogeneous Catalysts and Their Application for the Reduction of Nitrophenol. <i>Molecules</i> , 2021, 26, 5680.	3.8	5
22	Material analysis and TL dating of a Renaissance glazed terracotta Madonna statue kept in the Museum of Fine Arts, Budapest. <i>Journal of Cultural Heritage</i> , 2018, 33, 60-70.	3.3	4
23	<i>Nothia ex gr. excelsa</i> (Grzybowski, 1898), "flysch-type" agglutinated foraminifera from the Karpatian (Early-Miocene) of Hungary. <i>Historical Biology</i> , 2018, 30, 327-335.	1.4	4
24	Rudabányaite, a new mineral with a [Ag ₂ Hg ₂] ⁴⁺ cluster cation from the Rudabánya ore deposit (Hungary). <i>European Journal of Mineralogy</i> , 2019, 31, 537-547.	1.3	2
25	Epigenetic-Hydrothermal Fluorite Veins in a Phosphorite Deposit from Balaton Highland (Pannonian) Tj ETQq1 1 0.784314 rgBT /Over (Basel, Switzerland), 2021, 11, 640.	2.0	2
26	Comparative analysis of lithiated silica glasses by laser-induced breakdown spectroscopy and raman spectroscopy. <i>Journal of Non-Crystalline Solids</i> , 2021, 553, 120472.	3.1	1