

Szabolcs Harangi

List of Publications by Year in descending order

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53
papers

1,427
citations

331670

21
h-index

345221

36
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54
all docs

54
docs citations

54
times ranked

1206
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Neogene and Quaternary volcanism of the Carpathian-Pannonian region. <i>Tectonophysics</i> , 1992, 208, 243-256.	2.2	167
2	Zircon geochronology and geochemistry to constrain the youngest eruption events and magma evolution of the Mid-Miocene ignimbrite flare-up in the Pannonian Basin, eastern central Europe. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	114
3	Amphibole perspective to unravel pre-eruptive processes and conditions in volcanic plumbing systems beneath intermediate arc volcanoes: a case study from Ciomadul volcano (SE Carpathians). <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	81
4	Geochemistry, Petrogenesis and Geodynamic Relationships of Miocene Calc-alkaline Volcanic Rocks in the Western Carpathian Arc, Eastern Central Europe. <i>Journal of Petrology</i> , 2007, 48, 2261-2287.	2.8	71
5	Early to Mid-Miocene syn-extensional massive silicic volcanism in the Pannonian Basin (East-Central) Tj ETQq1 1 0.784314 rgBT /Overl Reviews, 2018, 179, 1-19.	9.1	65
6	Geochemical response of magmas to Neogene–Quaternary continental collision in the Carpathian–Pannonian region: A review. <i>Tectonophysics</i> , 2005, 410, 485-499.	2.2	58
7	Correlation and petrogenesis of silicic pyroclastic rocks in the Northern Pannonian Basin, Eastern-Central Europe: In situ trace element data of glass shards and mineral chemical constraints. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 143, 237-257.	2.1	55
8	Volcanic Geoheritage and Geotourism Perspectives in Hungary: a Case of an UNESCO World Heritage Site, Tokaj Wine Region Historic Cultural Landscape, Hungary. <i>Geoheritage</i> , 2017, 9, 329-349.	2.8	49
9	Origin and geodynamic relationships of the Late Miocene to Quaternary alkaline basalt volcanism in the Pannonian basin, eastern–central Europe. <i>International Journal of Earth Sciences</i> , 2015, 104, 2007-2032.	1.8	48
10	Mesozoic Igneous Suites in Hungary: Implications for Genesis and Tectonic Setting in the Northwestern Part of Tethys. <i>International Geology Review</i> , 1996, 38, 336-360.	2.1	45
11	Clinopyroxene with diverse origins in alkaline basalts from the western Pannonian Basin: Implications from trace element characteristics. <i>Lithos</i> , 2016, 262, 120-134.	1.4	45
12	Tertiary-Quaternary subduction processes and related magmatism in the Alpine-Mediterranean region. <i>Geological Society Memoir</i> , 2006, 32, 167-190.	1.7	44
13	Genesis of the Neogene to Quaternary volcanism in the Carpathian-Pannonian region: Role of subduction, extension, and mantle plume. , 2007, , .		34
14	A complex magmatic system beneath the Kissomlyó ³ monogenetic volcano (western Pannonian Basin): evidence from mineral textures, zoning and chemistry. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 38-55.	2.1	33
15	Origin of basaltic magmas of PerÅyeni volcanic field, Romania: A combined whole rock and mineral scale investigation. <i>Lithos</i> , 2013, 180-181, 43-57.	1.4	31
16	The onset of the volcanism in the Ciomadul Volcanic Dome Complex (Eastern Carpathians): Eruption chronology and magma type variation. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 354, 39-56.	2.1	30
17	Open-system evolution of the FÅyzes-tÅ ³ alkaline basaltic magma, western Pannonian Basin: Constraints from mineral textures and compositions. <i>Lithos</i> , 2012, 140-141, 25-37.	1.4	29
18	Origin and ascent history of unusually crystal-rich alkaline basaltic magmas from the western Pannonian Basin. <i>Bulletin of Volcanology</i> , 2013, 75, 1.	3.0	29

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19	Episodes of dormancy and eruption of the Late Pleistocene Ciomadul volcanic complex (Eastern Tj ETQq1 1 0.784314 rgBT /Overlock 11 Research, 2019, 373, 133-147.	2.1	29
20	Combined magnetotelluric and petrologic constrains for the nature of the magma storage system beneath the Late Pleistocene Ciomadul volcano (SE Carpathians). Journal of Volcanology and Geothermal Research, 2015, 290, 82-96.	2.1	28
21	Morphometrical and geochronological constraints on the youngest eruptive activity in East-Central Europe at the Ciomadul (CsomÁjd) lava dome complex, East Carpathians. Journal of Volcanology and Geothermal Research, 2013, 255, 43-56.	2.1	27
22	Origin of mafic and ultramafic cumulates from the DitrÄfu Alkaline Massif, Romania. Lithos, 2015, 239, 1-18.	1.4	24
23	Quantification of carbon dioxide emissions of Ciomadul, the youngest volcano of the Carpathian-Pannonian Region (Eastern-Central Europe, Romania). Journal of Volcanology and Geothermal Research, 2017, 341, 119-130.	2.1	20
24	Insights into the evolution of an alkaline magmatic system: An in situ trace element study of clinopyroxenes from the DitrÄfu Alkaline Massif, Romania. Lithos, 2018, 300-301, 51-71.	1.4	20
25	Olivine major and trace element compositions coupled with spinel chemistry to unravel the magmatic systems feeding monogenetic basaltic volcanoes. Journal of Volcanology and Geothermal Research, 2019, 369, 203-223.	2.1	17
26	Permian felsic volcanic rocks in the Pannonian Basin (Hungary): new petrographic, geochemical, and geochronological results. International Journal of Earth Sciences, 2020, 109, 101-125.	1.8	17
27	Mixing of crystal mushes and melts in the genesis of the BogÁics Ignimbrite suite, northern Hungary: An integrated geochemical investigation of mineral phases and glasses. Lithos, 2012, 148, 71-85.	1.4	15
28	Geochemistry of dissolved gases from the Eastern Carpathians - Transylvanian Basin boundary. Chemical Geology, 2017, 469, 117-128.	3.3	15
29	Identification of Geoheritage Elements in a Cultural Landscape: a Case Study from Tokaj Mts, Hungary. Geoheritage, 2020, 12, 1.	2.8	15
30	Silicate melt inclusions in the phenocrysts of the Szomolya Ignimbrite, BÄ¼kkalja Volcanic Field (Northern Hungary): Implications for magma chamber processes. Chemical Geology, 2005, 223, 46-67.	3.3	14
31	Fingerprinting the Late Pleistocene tephtras of Ciomadul volcano, easternÄ“central Europe. Journal of Quaternary Science, 2020, 35, 232-244.	2.1	14
32	Bimodal pumice populations in the 13.5 Ma HarsÄny ignimbrite, BÄ¼kkalja Volcanic Field, Northern Hungary: Syn-eruptive mingling of distinct rhyolitic magma batches?. Central European Geology, 2009, 52, 51-72.	0.4	13
33	A global framework for the Earth: putting geological sciences in context. Global and Planetary Change, 2018, 171, 293-321.	3.5	13
34	TelkibÄnya lava domes: Lithofacies architecture of a Miocene rhyolite field (Tokaj Mountains,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 179-197.	2.1	13
35	Intraplate volcanism in the Danube Basin of NW Hungary: 3D geophysical modelling of the Late Miocene PÄjsztori volcano. International Journal of Earth Sciences, 2018, 107, 1713-1730.	1.8	11
36	Tephrostratigraphy and Magma Evolution Based on Combined Zircon Trace Element and U-Pb Age Data: Fingerprinting Miocene Silicic Pyroclastic Rocks in the Pannonian Basin. Frontiers in Earth Science, 2021, 9, .	1.8	11

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37	Silicate melt inclusions in ignimbrites, B��kkalja Volcanic Field, Northern Hungary - texture and geochemistry. <i>Acta Geologica Hungarica</i> , 2002, 45, 341-358.	0.2	9
38	A mineral-scale investigation of the origin of the 2.6 Ma F��zes-t�� basalt, Bakony-Balaton Highland Volcanic Field (Pannonian Basin, Hungary). <i>Central European Geology</i> , 2009, 52, 97-124.	0.4	9
39	LA-ICP-MS and SIMS U-Pb and U-Th zircon geochronological data of Late Pleistocene lava domes of the Ciomadul Volcanic Dome Complex (Eastern Carpathians). <i>Data in Brief</i> , 2018, 18, 808-813.	1.0	9
40	Volcanic Heritage of the Carpathian��Pannonian Region in Eastern-Central Europe. <i>Volcanic Tourist Destinations</i> , 2014, , 103-123.	0.2	9
41	Paleogene alkaline magmatism in the South Carpathians (Poiana Rusc��f, Romania): Asthenospheric melts with geodynamic and lithospheric information. <i>Lithos</i> , 2010, 120, 393-406.	1.4	7
42	Constraints on the hydrogeochemistry and origin of the CO2-rich mineral waters from the Eastern Carpathians ��Transylvanian Basin boundary (Romania). <i>Journal of Hydrology</i> , 2020, 591, 125311.	5.4	7
43	Formal definition and description of lithostratigraphic units related to the Miocene silicic pyroclastic rocks outcropping in Northern Hungary: A revision. <i>Geologica Carpathica</i> , 2022, 73, .	0.7	7
44	LA-ICP-MS U-Pb zircon geochronology data of the Early to Mid-Miocene syn-extensional massive silicic volcanism in the Pannonian Basin (East-Central Europe). <i>Data in Brief</i> , 2018, 19, 506-513.	1.0	6
45	On the age of the Hars��ny ignimbrite, B��kkalja volcanic field, Northern Hungary �� a discussion. <i>Central European Geology</i> , 2009, 52, 43-50.	0.4	4
46	Tectonostratigraphic terranes and zones juxtaposed along the Mid-Hungarian Line: their contrasting evolution and relationships. <i>Central European Geology</i> , 2010, 53, 165-180.	0.4	4
47	Variation in style of magmatism and emplacement mechanism induced by changes in basin environments and stress fields (Pannonian Basin, Central Europe). <i>Basin Research</i> , 2019, 31, 380-404.	2.7	4
48	Noble gas geochemistry of phenocrysts from the Ciomadul volcanic dome field (Eastern Carpathians). <i>Lithos</i> , 2021, 394-395, 106152.	1.4	3
49	F��ldtani objektumok ��rt��kmin��s��t��se: m��dszertani ��rt��kel��s a v��delem, bemutat��s, fenntarthat��s��g ��s a geoturisztikai fejleszt��sek t��kr��ben. <i>F��ldtani K��zlel��ny</i> , 2018, 148, 143-160.	0.4	2
50	A K��rp��t-Pannon t��rs��g neog��n-kvarter vulkanizmusa ��s geodinamikai kapcsolata. <i>F��ldtani K��zlel��ny</i> , 2019, 149, 197.	0.4	2
51	��j m��dszer alk��li bazaltos magm��k olivin- ��s klinopirox��n-frakcion��ci��j��nak modellez��s��re. <i>F��ldtani K��zlel��ny</i> , 2018, 148, 273.	0.4	1
52	Modeling of Olivine and Clinopyroxene Fractionation in Intracontinental Alkaline Basalts: A Case Study from the Carpathian-Pannonian Region. , 0, , .		0
53	A cirkon (U-Th)/He kormeghat��roz��s m��dszertani alapjai ��s alkalmaz��sa fiatal (< 1 Ma) vulk��nkit��r��sek dat��j��s��ira. <i>F��ldtani K��zlel��ny</i> , 2017, 147, 225.	0.4	0