

Jitka Mikova

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

649
citations

687363

13
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and phase composition of particles produced by laser ablation of silicate glass and zirconium implications for elemental fractionation during ICP-MS analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 402-409.	3.0	124
2	A 60-Myr record of continental back-arc differentiation through cyclic melting. <i>Nature Geoscience</i> , 2019, 12, 215-219.	12.9	56
3	Cu-Zn isotope constraints on the provenance of air pollution in Central Europe: Using soluble and insoluble particles in snow and rime. <i>Environmental Pollution</i> , 2016, 218, 1135-1146.	7.5	55
4	Polycyclic Palaeozoic evolution of accretionary orogenic wedge in the southern Chinese Altai: Evidence from structural relationships and U-Pb geochronology. <i>Lithos</i> , 2018, 314-315, 400-424.	1.4	47
5	Matrix effects during laser ablation MC ICP-MS analysis of boron isotopes in tourmaline. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 903.	3.0	42
6	Radial distribution of lead and lead isotopes in stem wood of Norway spruce: A reliable archive of pollution trends in Central Europe. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4207-4218.	3.9	36
7	Zinc isotope systematics in snow and ice accretions in Central European mountains. <i>Chemical Geology</i> , 2014, 388, 130-141.	3.3	33
8	Chronological and geochemical constraints on the pre-variscan tectonic history of the Erzgebirge, Saxothuringian Zone. <i>Gondwana Research</i> , 2020, 79, 27-48.	6.0	27
9	Fractionation of alkali elements during laser ablation ICP-MS analysis of silicate geological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1244.	3.0	26
10	The Fate of Atmospherically Derived Pb in Central European Catchments: Insights from Spatial and Temporal Pollution Gradients and Pb Isotope Ratios. <i>Environmental Science & Technology</i> , 2014, 48, 4336-4343.	10.0	25
11	Lead fluxes and ²⁰⁶ Pb/ ²⁰⁷ Pb isotope ratios in rime and snow collected at remote mountain-top locations (Czech Republic, Central Europe): Patterns and sources. <i>Atmospheric Environment</i> , 2016, 143, 51-59.	4.1	25
12	Early Palaeozoic sedimentary record and provenance of flysch sequences in the Hovd Zone (western Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Gondwana Research, 2018, 64, 163-183.	6.0	25
13	Atmospheric deposition of beryllium in Central Europe: Comparison of soluble and insoluble fractions in rime and snow across a pollution gradient. <i>Science of the Total Environment</i> , 2012, 439, 26-34.	8.0	18
14	Reconstruction of the mid-Devonian HP-HT metamorphic event in the Bohemian Massif (European Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.4	18
15	Uptake of trace elements and isotope fractionation of Cu and Zn by birch (<i>Betula pendula</i>) growing on mineralized coal waste pile. <i>Applied Geochemistry</i> , 2020, 122, 104741.	3.0	12
16	Cadmium contents of vertically and horizontally deposited winter precipitation in Central Europe: Spatial distribution and long-term trends. <i>Environmental Pollution</i> , 2020, 265, 114949.	7.5	11
17	Altenberg-Teplice Caldera sourced Westphalian fall tuffs in the central and western Bohemian Carboniferous basins (eastern Variscan belt). <i>International Geology Review</i> , 2022, 64, 441-468.	2.1	11
18	Tectonic significance of the Variscan suture between Brunovistulia and the Bohemian Massif. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	11

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19	Exhumation of subducted continental crust along the arc region. <i>Gondwana Research</i> , 2020, 80, 157-187.	6.0	10
20	Magnetic fabric transposition in folded granite sills in Variscan orogenic wedge. <i>Journal of Structural Geology</i> , 2017, 94, 166-183.	2.3	9
21	Eclogite subduction wedge intruded by arc-type magma: The earliest record of Variscan arc in the Bohemian Massif. <i>Gondwana Research</i> , 2021, 99, 220-246.	6.0	9
22	On the Chemical Composition and Possible Origin of Na-Cr-Rich Clinopyroxene in Silicocarbonatites from Samalpatti, Tamil Nadu, South India. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 355.	2.0	7
23	Pre-collisional crustal evolution of the European Variscan periphery: Constraints from detrital zircon U-Pb ages and Hf isotopic record in the Precambrian metasedimentary basement of the Brunovistulian Domain. <i>Precambrian Research</i> , 2022, 372, 106606.	2.7	7
24	Heavy metal concentration in selected soils and sediments of Livingston Island, Deception Island, King George Island, James Ross Island (Antarctica). <i>Czech Polar Reports</i> , 2017, 7, 18-33.	0.6	6
25	Geochronology and petrogenesis of orthogneisses from the Pacov body: implications for the subdivision of the Cambro-Ordovician peraluminous magmatism and related mineralizations in the Monotonous and Varied units of the Moldanubian Zone (Bohemian Massif). <i>Mineralogy and Petrology</i> , 2020, 114, 175-197.	1.1	2
26	U-Pb detrital zircon geochronology and source provenance in the Moroccan Meseta (Variscan belt): A perspective from the Rehamna massif. <i>Journal of African Earth Sciences</i> , 2022, 194, 104610.	2.0	2
27	Lower Permian basaltic agglomerate from the Tsengel River valley, Mongolian Altai. <i>Mongolian Geoscientist</i> , 0, 51, 1-11.	0.3	0