

Vojtech Janousek

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97
papers

2,856
citations

28
h-index

51
g-index

108
ext. papers

3,314
ext. citations

2.5
avg, IF

5.2
L-index

#	Paper	IF	Citations
97	Interpretation of Whole-rock Geochemical Data in Igneous Geochemistry: Introducing Geochemical Data Toolkit (GCDkit). <i>Journal of Petrology</i> , 2006 , 47, 1255-1259	3.9	456
96	An Andean type Palaeozoic convergence in the Bohemian Massif. <i>Comptes Rendus - Geoscience</i> , 2009 , 341, 266-286	1.4	200
95	Magma-mixing in the genesis of Hercynian calc-alkaline granitoids: an integrated petrographic and geochemical study of the Sžava intrusion, Central Bohemian Pluton, Czech Republic. <i>Lithos</i> , 2004 , 78, 67-99	2.9	188
94	The causal link between HP-HT metamorphism and ultrapotassic magmatism in collisional orogens: case study from the Moldanubian Zone of the Bohemian Massif. <i>Proceedings of the Geologists Association</i> , 2007 , 118, 75-86	1.1	105
93	Modelling Diverse Processes in the Petrogenesis of a Composite Batholith: the Central Bohemian Pluton, Central European Hercynides. <i>Journal of Petrology</i> , 2000 , 41, 511-543	3.9	105
92	Heat sources and trigger mechanisms of exhumation of HP granulites in Variscan orogenic root. <i>Journal of Metamorphic Geology</i> , 2011 , 29, 79-102	4.4	101
91	Anatomy of a diffuse cryptic suture zone: An example from the Bohemian Massif, European Variscides. <i>Geology</i> , 2014 , 42, 275-278	5	96
90	Low-pressure Granulites of the Lišv Massif, Southern Bohemia: Visān Metamorphism of Late Devonian Plutonic Arc Rocks. <i>Journal of Petrology</i> , 2006 , 47, 705-744	3.9	89
89	Deciphering the petrogenesis of deeply buried granites: whole-rock geochemical constraints on the origin of largely undepleted felsic granulites from the Moldanubian Zone of the Bohemian Massif. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004 , 95, 141-159	0.9	85
88	Sr-Nd isotopic constraints on the petrogenesis of the Central Bohemian Pluton, Czech Republic. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995 , 84, 520-534		72
87	The Moldanubian Zone in the French Massif Central, Vosges/Schwarzwald and Bohemian Massif revisited: differences and similarities. <i>Geological Society Special Publication</i> , 2014 , 405, 7-44	1.7	55
86	Fingerprinting sources of orogenic plutonic rocks from Variscan belt with lithium isotopes and possible link to subduction-related origin of some A-type granites. <i>Chemical Geology</i> , 2010 , 274, 94-107	4.2	52
85	Dating the onset of Variscan crustal exhumation in the core of the Bohemian Massif: new U ^{Pb} single zircon ages from the high-K calc-alkaline granodiorites of the Blatnšuite, Central Bohemian Plutonic Complex. <i>Journal of the Geological Society</i> , 2010 , 167, 347-360	2.7	46
84	Geochemical and geochronological constraints on distinct Early-Neoproterozoic and Cambrian accretionary events along southern margin of the Baydrag Continent in western Mongolia. <i>Gondwana Research</i> , 2017 , 47, 200-227	5.1	44
83	Timing and sources of pre-collisional Neoproterozoic sedimentation along the SW margin of the Congo Craton (Kaoko Belt, NW Namibia). <i>Gondwana Research</i> , 2014 , 26, 386-401	5.1	43
82	Growth of complex sheeted zones during recycling of older magmatic units into younger: Sawmill Canyon area, Tuolumne batholith, Sierra Nevada, California. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 177, 457-484	2.8	43
81	Cambrian-Ordovician magmatism of the Ikh-Mongol Arc System exemplified by the Khantaishir Magmatic Complex (Lake Zone, south-central Mongolia). <i>Gondwana Research</i> , 2018 , 54, 122-149	5.1	42

80	A plate-kinematic model for the assembly of the Bohemian Massif constrained by structural relationships around granitoid plutons. <i>Geological Society Special Publication</i> , 2014 , 405, 169-196	1.7	42
79	Anatexis of accretionary wedge, Pacific-type magmatism, and formation of vertically stratified continental crust in the Altai Orogenic Belt. <i>Tectonics</i> , 2016 , 35, 3095-3118	4.3	42
78	Neoproterozoic-Early Paleozoic Peri-Pacific Accretionary Evolution of the Mongolian Collage System: Insights From Geochemical and U-Pb Zircon Data From the Ordovician Sedimentary Wedge in the Mongolian Altai. <i>Tectonics</i> , 2017 , 36, 2305-2331	4.3	38
77	From orthogneiss to migmatite: Geochemical assessment of the melt infiltration model in the GfBl Unit (Moldanubian Zone, Bohemian Massif). <i>Lithos</i> , 2008 , 102, 508-537	2.9	37
76	Did the circum-Rodinia subduction trigger the Neoproterozoic rifting along the Congo-Kalahari Craton margin?. <i>International Journal of Earth Sciences</i> , 2018 , 107, 1859-1894	2.2	36
75	Resolving the Variscan evolution of the Moldanubian sector of the Bohemian Massif: the significance of the Bavarian and the Moravo-Moldanubian tectonometamorphic phases. <i>Journal of Geosciences (Czech Republic)</i> , 2012 , 9-28	2.4	35
74	Micro structural and mineralogical evidence for limited involvement of magma mixing in the petrogenesis of a Hercynian high-K calc-alkaline intrusion: the Kozlovice granodiorite, Central Bohemian Pluton, Czech Republic. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2000 , 91, 15-26	0.9	35
73	Geochemical character and petrogenesis of Pan-African Amspoort suite of the Boundary Igneous Complex in the Kaoko Belt (NW Namibia). <i>Gondwana Research</i> , 2010 , 18, 688-707	5.1	34
72	Importance of crustal relamination in origin of the orogenic mantle peridotite-high-pressure granulite association: example from the Níř Granulite Massif (Bohemian Massif, Czech Republic). <i>Journal of the Geological Society</i> , 2015 , 172, 479-490	2.7	31
71	Constraining genesis and geotectonic setting of metavolcanic complexes: a multidisciplinary study of the Devonian Vrbno Group (Hrubé Jeseníky Mts., Czech Republic). <i>International Journal of Earth Sciences</i> , 2014 , 103, 455-483	2.2	30
70	The Variscan orogeny: extent, timescale and the formation of the European crust. <i>Geological Society Special Publication</i> , 2014 , 405, 1-6	1.7	30
69	Geochemical Modelling of Igneous Processes [Principles And Recipes in R Language 2016 ,		27
68	Chronology, petrogenesis and heat sources for successive Carboniferous magmatic events in the Southern-Central Variscan Vosges Mts (NE France). <i>Journal of the Geological Society</i> , 2015 , 172, 87-102	2.7	27
67	European Variscan orogenic evolution as an analogue of Tibetan-Himalayan orogen: Insights from petrology and numerical modeling. <i>Tectonics</i> , 2016 , 35, 1760-1780	4.3	26
66	Petrogenesis and geochronology of a post-orogenic calc-alkaline magmatic association: the Ůlov Pluton, Bohemian Massif. <i>Journal of Geosciences (Czech Republic)</i> , 2014 , 415-440	2.4	25
65	Structure, emplacement, and tectonic setting of Late Devonian granitoid plutons in the Teplá-Barrandian unit, Bohemian Massif. <i>International Journal of Earth Sciences</i> , 2011 , 100, 1477-1495	2.2	24
64	Chemical variation, modal composition and classification of granitoids. <i>Geological Society Special Publication</i> , 2020 , 491, 9-51	1.7	24
63	Geophysical and geochemical nature of relaminated arc-derived lower crust underneath oceanic domain in southern Mongolia. <i>Tectonics</i> , 2015 , 34, 1030-1053	4.3	23

62	Magnetic fabric of the Řny granite, Bohemian Massif: A record of helical magma flow?. <i>Journal of Volcanology and Geothermal Research</i> , 2009 , 181, 25-34	2.8	23
61	Adamastor – an ocean that never existed?. <i>Earth-Science Reviews</i> , 2020 , 205, 103201	10.2	22
60	Long-lasting Cadomian magmatic activity along an active northern Gondwana margin: U–Pb zircon and Sr–Nd isotopic evidence from the Brunovistulian Domain, eastern Bohemian Massif. <i>International Journal of Earth Sciences</i> , 2017 , 106, 2109-2129	2.2	21
59	Mid-Ordovician and Late Devonian magmatism in the Togtokhinshil Complex: new insight into the formation and accretionary evolution of the Lake Zone (western Mongolia). <i>Journal of Geosciences (Czech Republic)</i> , 2016 , 5-23	2.4	21
58	Vestige of an Early Cambrian incipient oceanic crust incorporated in the Variscan orogen: Letovice Complex, Bohemian Massif. <i>Journal of the Geological Society</i> , 2010 , 167, 1113-1130	2.7	20
57	The Mammoth Peak sheeted complex, Tuolumne batholith, Sierra Nevada, California: a record of initial growth or late thermal contraction in a magma chamber?. <i>Contributions To Mineralogy and Petrology</i> , 2009 , 158, 447-470	3.5	19
56	Making continental crust: origin of Devonian orthogneisses from SE Mongolian Altai. <i>Journal of Geosciences (Czech Republic)</i> , 2016 , 25-50	2.4	19
55	Crystallographic control on lithium isotope fractionation in Archean to Cenozoic lithium-cesium-tantalum pegmatites. <i>Geology</i> , 2016 , 44, 655-658	5	18
54	Strain coupling between upper mantle and lower crust: natural example from the Bělávatina granulite body, Bohemian Massif. <i>Journal of Metamorphic Geology</i> , 2009 , 27, 721-737	4.4	18
53	Cryptic trace-element variation as an indicator of reverse zoning in a granitic pluton: the Ricany granite, Czech Republic. <i>Journal of the Geological Society</i> , 1997 , 154, 807-815	2.7	18
52	The rise of the Brunovistulicum: age, geological, petrological and geochemical character of the Neoproterozoic magmatic rocks of the Central Basic Belt of the Brno Massif. <i>International Journal of Earth Sciences</i> , 2019 , 108, 1165-1199	2.2	17
51	Early Palaeozoic sedimentary record and provenance of flysch sequences in the Hovd Zone (western Mongolia): Implications for the geodynamic evolution of the Altai accretionary wedge system. <i>Gondwana Research</i> , 2018 , 64, 163-183	5.1	16
50	Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the Třebíč Pluton, the largest durbachitic body in the Bohemian Massif. <i>International Journal of Earth Sciences</i> , 2020 , 109, 1767-1810	2.2	15
49	A reworked Lake Zone margin: Chronological and geochemical constraints from the Ordovician arc-related basement of the Hovd Zone (western Mongolia). <i>Lithos</i> , 2017 , 294-295, 112-132	2.9	15
48	Geochemistry and genesis of behind-arc basaltic lavas from eastern Nicaragua. <i>Journal of Volcanology and Geothermal Research</i> , 2010 , 192, 232-256	2.8	15
47	Two-pyroxene syenitoids from the Moldanubian Zone of the Bohemian Massif: Peculiar magmas derived from a strongly enriched lithospheric mantle source. <i>Lithos</i> , 2019 , 342-343, 239-262	2.9	12
46	Failed Silurian continental rifting at the NW margin of Gondwana: evidence from basaltic volcanism of the Prague Basin (Teplice-Barrandian Unit, Bohemian Massif). <i>International Journal of Earth Sciences</i> , 2018 , 107, 1231-1266	2.2	12
45	Contrasting mafic to felsic HP-HT granulites of the Blanský les Massif (Moldanubian Zone of southern Bohemia): complexity of mineral assemblages and metamorphic reactions. <i>Journal of Geosciences (Czech Republic)</i> , 2013 , 347-378	2.4	11

44	Petrogenesis of the Late Carboniferous Sagsai Pluton in the SE Mongolian Altai. <i>Journal of Geosciences (Czech Republic)</i> , 2016 , 67-92	2.4	11
43	Magmatic history of granite-derived mylonites from the southern Desná Unit (Silesicum, Czech Republic). <i>Mineralogy and Petrology</i> , 2007 , 89, 45-75	1.6	10
42	Cambro-Ordovician anatexis and magmatic recycling at the thinned Gondwana margin: new constraints from the Kouřim Unit, Bohemian Massif. <i>Journal of the Geological Society</i> , 2020 , 177, 325-341	2.7	10
41	Post-Archean granitic rocks: contrasting petrogenetic processes and tectonic environments. <i>Geological Society Special Publication</i> , 2020 , 491, 1-8	1.7	9
40	Magnetic fabric and modeled strain distribution in the head of a nested granite diapir, the Melechov pluton, Bohemian Massif. <i>Journal of Structural Geology</i> , 2014 , 66, 271-283	3	9
39	Whole-rock geochemical modelling of granite genesis: the current state of play. <i>Geological Society Special Publication</i> , 2020 , 491, 267-291	1.7	9
38	Orstian palaeoposition and geotectonic setting of Suchomasty Volcanic Centre (Silurian, Prague Basin, Teplá-Barrandian Unit, Bohemian Massif). <i>Gff</i> , 2014 , 136, 262-265	0.9	8
37	Transforming mylonitic metagranite by open-system interactions during melt flow. <i>Journal of Metamorphic Geology</i> , 2007 , 26, 071115150845001-???	4.4	7
36	Crustal melting vs. fractionation of basaltic magmas: Part 1, granites and paradigms. <i>Lithos</i> , 2021 , 402-403, 106291	2.9	7
35	Distribution of elements among minerals of a single (muscovite-) biotite granite sample – an optimal approach and general implications. <i>Geologica Carpathica</i> , 2014 , 65, 257-272	1.4	6
34	Hyperpotassic granulites from Blanský les (Moldanubian Zone, Bohemian Massif) revisited. <i>Journal of Geosciences (Czech Republic)</i> , 2012 , 73-112	2.4	6
33	Geochemistry and geochronology of Mississippian volcanic rocks from SW Mongolia: Implications for terrane subdivision and magmatic arc activity in the Trans-Altai Zone. <i>Journal of Asian Earth Sciences</i> , 2018 , 164, 322-343	2.8	5
32	Origin of reverse compositional and textural zoning in granite plutons by localized thermal overturn of stratified magma chambers. <i>Lithos</i> , 2017 , 277, 315-336	2.9	5
31	Slawsonite-celsian-hyalophane assemblage from a picrite sill (Prague Basin, Czech Republic). <i>American Mineralogist</i> , 2014 , 99, 2272-2279	2.9	5
30	Petrophysical and geochemical constraints on alteration processes in granites. <i>Studia Geophysica Et Geodaetica</i> , 2013 , 57, 710-740	0.7	5
29	Geochemistry and mineralogy of Platinum-group elements in the Ransko gabbro-peridotite massif, Bohemian Massif (Czech Republic). <i>Mineralium Deposita</i> , 2003 , 38, 298-311	4.8	5
28	Sr-Nd isotopic constraints on the petrogenesis of the Central Bohemian Pluton, Czech Republic 1995 , 84, 520		5
27	Mass Balance Modelling of Magmatic Processes in GCDkit. <i>Society of Earth Scientists Series</i> , 2014 , 225-238	6	4

26	Comment to Neoproterozoic magmatic arc systems of the central Ribeira belt, SE-Brazil, in the context of the West-Gondwana pre-collisional history: A review <i>Journal of South American Earth Sciences</i> , 2021 , 107, 103052	2	4
25	Geology of the Gobi Altai and Tseel terranes in the central part of the Sagsai River Watershed, SE Mongolian Altai. <i>Journal of Maps</i> , 2017 , 13, 270-275	2.2	3
24	Petrology and age of metamorphosed rock in tectonic slices inside the Palaeozoic sediments of the eastern Mongolian Altai, SW Mongolia. <i>Journal of Geosciences (Czech Republic)</i> , 2012 , 139-165	2.4	3
23	Magnetic fabric and tectonic setting of the Early to Middle Jurassic felsic dykes at Pitt Point and Mount Reece, eastern Graham Land, Antarctica. <i>Antarctic Science</i> , 2012 , 24, 45-58	1.7	3
22	About this title - Post-Archean Granitic Rocks: Petrogenetic Processes and Tectonic Environments. <i>Geological Society Special Publication</i> , 2020 , 491, NP-NP	1.7	3
21	Origin of cordierite-bearing monzogranites from the southern Central Iberian Zone [Inferences from the zoned Sierra Bermeja Pluton (Extremadura, Spain)]. <i>Lithos</i> , 2019 , 342-343, 440-462	2.9	2
20	Geology of the Gobi and Mongol Altai junction enhanced by gravity analysis: a key for understanding of the Mongolian Altaides. <i>Journal of Maps</i> , 2020 , 16, 98-107	2.2	2
19	Metabasic rocks in the Varied Group of the Moldanubian Zone, southern Bohemia - their petrology, geochemical character and possible petrogenesis. <i>Journal of Geosciences (Czech Republic)</i> , 2012 , 31-64	2.4	2
18	Deciphering the petrogenesis of deeply buried granites: whole-rock geochemical constraints on the origin of largely undepleted felsic granulites from the Moldanubian Zone of the Bohemian Massif 2004 ,		2
17	MELTING OF ACCRETIONARY WEDGE AND BUILDING MATURE CONTINENTAL CRUST: INSIGHTS FROM THE MAGMATIC EVOLUTION OF THE CHINESE ALTAI OROGEN, CENTRAL ASIA. <i>Geodinamika I Tektonofizika</i> , 2017 , 8, 481-482	0.8	2
16	Crustal melting vs. fractionation of basaltic magmas: Part 2, Attempting to quantify mantle and crustal contributions in granitoids. <i>Lithos</i> , 2021 , 402-403, 106292	2.9	2
15	Anatomy of a diffuse cryptic suture zone: An example from the Bohemian Massif, European Variscides: REPLY. <i>Geology</i> , 2014 , 42, e347-e347	5	1
14	Structural, metamorphic and geochronological constraints on Palaeozoic multi-stage geodynamic evolution of the Altai accretionary wedge system (Hovd Zone, western Mongolia). <i>Lithos</i> , 2021 , 396-397, 106204	2.9	1
13	Potassic magmas of the Vosges Mts. (NE France) delimit the areal extent and nature of long-gone Variscan orogenic mantle domains. <i>Lithos</i> , 2021 , 402-403, 106304	2.9	0
12	How old is the Tébélurbachitic Pluton? Reply to comment on Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the TébélPluton, the largest durbachitic body in the Bohemian Massif by Schaltegger et al.. <i>International Journal of Earth Sciences</i> , 2021 , 110, 1133-1136	2.2	0
11	Subduction-controlled temporal and spatial variations in early Palaeozoic sedimentary and volcanic record of the Mongol-Altai Domain. <i>Journal of Asian Earth Sciences</i> , 2022 , 230, 105182	2.8	0
10	Direct Models 2016 , 159-166		
9	Choosing an Appropriate Model 2016 , 181-189		

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3 Data Manipulation and Simple Calculations **2016**, 11-25

2 The Late Miocene Guacimal Pluton in the Cordillera de Tilará, Costa Rica: its nature, age and petrogenesis. *Journal of Geosciences (Czech Republic)*, **2012**, 51-79 2.4

1 Preface to Special Issue: International Workshop on Petrogenesis of Granulites and Related Rocks, Náměšad Oslavou, Czech Republic, October 1st, 2004. *Mineralogy and Petrology*, **2006**, 86, 157-160 1.6