Martin Racek

List of Publications by Year
in descending order

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31	964	516561 16	434063 31
papers	citations	h-index	g-index

31	31	31	819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monazite geochronology in melt-percolated UHP meta-granitoids: An example from the Erzgebirge continental subduction wedge, Bohemian Massif. Chemical Geology, 2021, 559, 119919.	1.4	14
2	Finite pattern of Barrovian metamorphic zones: interplay between thermal reequilibration and post-peak deformation during continental collisionâ€"insights from the Svratka dome (Bohemian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	10
3	Effects of diffusion of water and migration of melts in crustal rocks: An experimental study. Chemical Geology, 2020, 540, 119548.	1.4	11
4	Eocene migmatite formation and diachronous burial revealed by petrochronology in NW Himalaya, Zanskar. Journal of Metamorphic Geology, 2020, 38, 655-691.	1.6	11
5	Scanning electron microscopy in analysis of urinary stones. Scandinavian Journal of Clinical and Laboratory Investigation, 2019, 79, 208-217.	0.6	20
6	The Effect of Melt Infiltration on Metagranitic Rocks: the Snieznik Dome, Bohemian Massif. Journal of Petrology, 2019, 60, 591-618.	1.1	13
7	Localization effect on AMS fabric revealed by microstructural evidence across small-scale shear zone in marble. Scientific Reports, 2019, 9, 17483.	1.6	8
8	Arsenic mineralogy of near-neutral soils and mining waste at the Smolotely-LÃĺnice historical gold district, Czech Republic. Applied Geochemistry, 2018, 89, 243-254.	1.4	24
9	Characterization and pH-dependent environmental stability of arsenic trioxide-containing copper smelter flue dust. Journal of Environmental Management, 2018, 209, 71-80.	3.8	45
10	High-pressure crystallization vs. recrystallization origin of garnet pyroxenite-eclogite within subduction related lithologies. Mineralogy and Petrology, 2018, 112, 603-616.	0.4	12
11	Role of strain localization and melt flow on exhumation of deeply subducted continental crust. Lithosphere, 2018, 10, 217-238.	0.6	33
12	On the Chemical Composition and Possible Origin of Naâ€"Cr-Rich Clinopyroxene in Silicocarbonatites from Samalpatti, Tamil Nadu, South India. Minerals (Basel, Switzerland), 2018, 8, 355.	0.8	7
13	New comprehensive approach for airborne asbestos characterisation and monitoring. Environmental Science and Pollution Research, 2018, 25, 30488-30496.	2.7	3
14	Chemical Characterization of PM1-2.5 and its Associations with PM1, PM2.5-10 and Meteorology in Urban and Suburban Environments. Aerosol and Air Quality Research, 2018, 18, 1684-1697.	0.9	14
15	Decay mechanism of indoor porous opuka stone: a case study from the main altar located in the St. Vitus Cathedral, Prague (Czech Republic). Environmental Earth Sciences, 2017, 76, 1.	1.3	19
16	Javorieite, KFeCl3: a new mineral hosted by salt melt inclusions in porphyry gold systems. European Journal of Mineralogy, 2017, 29, 995-1004.	0.4	7
17	Metamorphic inheritance of Rheic passive margin evolution and its earlyâ€Variscan overprint in the TeplÃ¡â€Barrandian Unit, Bohemian Massif. Journal of Metamorphic Geology, 2017, 35, 327-355.	1.6	30
18	Re-evaluation of polyphase kinematic and 40Ar/39Ar cooling history of Moldanubian hot nappe at the eastern margin of the Bohemian Massif. International Journal of Earth Sciences, 2017, 106, 397-420.	0.9	17

#	Article	IF	Citations
19	Metamorphic reactions and textural changes in coronitic metagabbros from the TeplÃ¡ Crystalline and MariÃ¡nskÃ© LÃ¡znÄ› complexes, Bohemian Massif. Journal of Geosciences (Czech Republic), 2016, , 193-219.	0.3	8
20	Monazite Dating of Prograde and Retrograde Pâ€“Tâ€“d paths in the Barrovian terrane of the Thaya window, Bohemian Massif. Journal of Petrology, 2015, 56, 1007-1035.	1.1	46
21	Pâ€“Tâ€“D record of crustalâ€scale horizontal flow and magmaâ€assisted doming in the <scp>SW</scp> Mongolian Altai. Journal of Metamorphic Geology, 2015, 33, 359-383.	1.6	34
22	Repeated slip along a major decoupling horizon between crustal-scale nappes of the Central Western Carpathians documented in the OchtinÃ¡ tectonic mÃ©lange. Tectonophysics, 2015, 646, 50-64.	0.9	7
23	Juxtaposition of Barrovian and migmatite domains in the Chinese Altai: a result of crustal thickening followed by doming of partially molten lower crust. Journal of Metamorphic Geology, 2015, 33, 45-70.	1.6	68
24	Slawsonite-celsian-hyalophane assemblage from a picrite sill (Prague Basin, Czech Republic). American Mineralogist, 2014, 99, 2272-2279.	0.9	8
25	Rare eclogiteâ€mafic granulite in felsic granulite in BlanskÃ½ les: precursor of intermediate granulite in the Bohemian Massif?. Journal of Metamorphic Geology, 2014, 32, 325-345.	1.6	25
26	Intermediate granulite produced by transformation of eclogite at a felsic granulite contact, in BlanskÃ½ les, Bohemian Massif. Journal of Metamorphic Geology, 2014, 32, 347-370.	1.6	17
27	High-Ti muscovite as a prograde relict in high pressure granulites with metamorphic Devonian zircon ages (BÄ›stvina granulite body, Bohemian Massif): Consequences for the relamination model of subducted crust. Gondwana Research, 2014, 25, 630-648.	3.0	51
28	Heat sources and trigger mechanisms of exhumation of HP granulites in Variscan orogenic root. Journal of Metamorphic Geology, 2011, 29, 79-102.	1.6	122
29	Garnetâ€“clinopyroxene intermediate granulites in the St. Leonhard massif of the Bohemian Massif: ultrahigh-temperature metamorphism at high pressure or not?. Journal of Metamorphic Geology, 2008, 26, 253-271.	1.6	39
30	Vertical extrusion and horizontal channel flow of orogenic lower crust: key exhumation mechanisms in large hot orogens?. Journal of Metamorphic Geology, 2008, 26, 273-297.	1.6	173
31	Metamorphic record of burial and exhumation of orogenic lower and middle crust: a new tectonothermal model for the Drosendorf window (Bohemian Massif, Austria). Mineralogy and Petrology, 2006, 86, 221-251.	0.4	68