

The pressure dependence of the zirconiumâ€inâ€rutile

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Formation of eclogite, and reaction during exhumation to mid-crustal levels, Snowbird tectonic zone, western Canadian Shield. <i>Journal of Metamorphic Geology</i> , 2007, 25, 953-974.	3.4	70
2	New thermodynamic models and revised calibrations for the Ti-in-zircon and Zr-in-rutile thermometers. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 429-437.	3.1	1,636
3	Zr-in-rutile thermometry in eclogite at Jinheqiao in the Dabie orogen and its geochemical implications. <i>Science Bulletin</i> , 2008, 53, 768-776.	1.7	26
4	A thermobarometer for sphene (titanite). <i>Contributions To Mineralogy and Petrology</i> , 2008, 155, 529-540.	3.1	323
5	Zircon coronas around Fe-Ti oxides: a physical reference frame for metamorphic and metasomatic reactions. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 517-527.	3.1	48
6	Garnet-clinopyroxene intermediate granulites in the St. Leonhard massif of the Bohemian Massif: ultrahigh-temperature metamorphism at high pressure or not?. <i>Journal of Metamorphic Geology</i> , 2008, 26, 253-271.	3.4	39
7	On thermobarometry. <i>Journal of Metamorphic Geology</i> , 2008, 26, 155-179.	3.4	443
8	Challenges in high-pressure granulite metamorphism in the era of pseudosections: reaction textures, compositional zoning and tectonic interpretation with examples from the Bohemian Massif. <i>Journal of Metamorphic Geology</i> , 2008, 26, 235-251.	3.4	79
9	Age and duration of ultrahigh-temperature metamorphism in the Anápolis-Itaúçu Complex, Southern Brasília Belt, central Brazil – constraints from U-Pb geochronology, mineral rare earth element chemistry and trace-element thermometry. <i>Journal of Metamorphic Geology</i> , 2008, 26, 213-233.	3.4	94
10	Processes in granulite metamorphism. <i>Journal of Metamorphic Geology</i> , 2008, 26, 121-124.	3.4	8
11	Calculated phase equilibria involving chemical potentials to investigate the textural evolution of metamorphic rocks. <i>Journal of Metamorphic Geology</i> , 2008, 26, 181-198.	3.4	101
12	Refining the $P-T$ records of UHT crustal metamorphism. <i>Journal of Metamorphic Geology</i> , 2008, 26, 125-154.	3.4	294
13	Timing of high-pressure metamorphism and exhumation of the eclogite type locality (Kupplerbrunn-Prickler Halt, Saualpe, southeastern Austria): constraints from correlations of the Sm-Nd, Lu-Hf, U-Pb and Rb-Sr isotopic systems. <i>Journal of Metamorphic Geology</i> , 2008, 26, 561-581.	3.4	68
14	Aragonite and magnesite in eclogites from the Jåren nappe, SW Norway: disequilibrium in the system CaCO_3 - MgCO_3 and petrological implications. <i>Journal of Metamorphic Geology</i> , 2008, 26, 959-979.	3.4	26
15	Rutile solubility in H_2O , $\text{H}_2\text{O-SiO}_2$, and $\text{H}_2\text{O-NaAlSi}_3\text{O}_8$ fluids at 0.7-2.0 GPa and 700-1000°C: Implications for mobility of nominally insoluble elements. <i>Chemical Geology</i> , 2008, 255, 283-293.	3.3	176
16	Late Miocene coesite-eclogite exhumed in the Woodlark Rift. <i>Geology</i> , 2008, 36, 735.	4.4	98
17	Constraints from diffusion profiles on the duration of high-strain deformation in thickened crust. <i>Geology</i> , 2009, 37, 755-758.	4.4	28
18	Glaucophane schists and associated rocks from Sifnos (Cyclades, Greece): New constraints on the $P-T$ evolution from oxidized systems. <i>Lithos</i> , 2009, 109, 254-273.	1.4	47

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19	The age of HP metamorphism in the Gran Paradiso Massif, Western Alps: A petrological and geochronological study of Sm-Nd micaschists. <i>Lithos</i> , 2009, 110, 95-108.	1.4	61
20	Transitional time of oceanic to continental subduction in the Dabie orogen: Constraints from U-Pb , Lu-Hf , Sm-Nd and Ar-Ar multichronometric dating. <i>Lithos</i> , 2009, 110, 327-342.	1.4	82
21	Rutile occurrence and trace element behavior in medium-grade metasedimentary rocks: example from the Erzgebirge, Germany. <i>Mineralogy and Petrology</i> , 2009, 97, 233-249.	1.1	57
22	The El Teniente porphyry Cu-Mo deposit from a hydrothermal rutile perspective. <i>Mineralium Deposita</i> , 2009, 44, 849-866.	4.1	52
23	Metamorphic $P-T$ conditions and thermal structure of Chinese Continental Scientific Drilling main hole eclogites: Fe-Mg partitioning thermometer vs. Zr-in-rutile thermometer. <i>Journal of Metamorphic Geology</i> , 2009, 27, 757-772.	3.4	26
24	Conflicting $P-T$ paths within the Central Zone of the Limpopo Belt: A consequence of different thermobarometric methods?. <i>Journal of African Earth Sciences</i> , 2009, 54, 111-126.	2.0	24
25	Rutile crystals as potential trace element and isotope mineral standards for microanalysis. <i>Chemical Geology</i> , 2009, 261, 346-369.	3.3	208
26	Nb and Zr behavior in rutile during high-grade metamorphism and retrogression: An example from the Ivrea-Verbania Zone. <i>Chemical Geology</i> , 2009, 261, 303-317.	3.3	162
27	The ~ 390 Ma high-T metamorphic event in the Chinese Altai: A consequence of ridge-subduction?. <i>Numerische Mathematik</i> , 2010, 310, 1421-1452.	1.4	104
28	Redistribution of HFSE elements during rutile replacement by titanite. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 279-295.	3.1	59
29	Zr-in-rutile thermometry in HP/UHP eclogites from Western China. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 427-439.	3.1	35
30	Trace element composition of igneous zircon: a thermal and compositional record of the accumulation and evolution of a large silicic batholith, Spirit Mountain, Nevada. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 511-531.	3.1	280
31	TitaniQ under pressure: the effect of pressure and temperature on the solubility of Ti in quartz. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 743-759.	3.1	388
32	Microgeochemistry of rutile and zircon in eclogites from the CCSD main hole: Implications for the fluid activity and thermo-history of the UHP metamorphism. <i>Lithos</i> , 2010, 115, 51-64.	1.4	26
33	Rutile and its applications in earth sciences. <i>Earth-Science Reviews</i> , 2010, 102, 1-28.	9.1	390
34	Early Cretaceous migmatitic mafic granulites from the Sabzevar range (NE Iran): implications for the closure of the Mesozoic peri-Tethyan oceans in central Iran. <i>Terra Nova</i> , 2010, 22, 26-34.	2.1	97
35	Anatexis during High-pressure Crustal Metamorphism: Evidence from Garnet-Whole-rock REE Relationships and Zircon-Rutile Ti-Zr Thermometry in Leucogranulites from the Bohemian Massif. <i>Journal of Petrology</i> , 2010, 51, 1967-2001.	2.8	59
36	Trace-element mobilization during Ca-metasomatism along a major fluid conduit: Eclogitization of blueschist as a consequence of fluid-rock interaction. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1892-1922.	3.9	153

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37	Young eclogite from the Greater Himalayan Sequence, Arun Valley, eastern Nepal: P-T path and tectonic implications. <i>Earth and Planetary Science Letters</i> , 2010, 289, 406-416.	4.4	94
38	Constraints on the U-Pb systematics of metamorphic rutile from in situ LA-ICP-MS analysis. <i>Earth and Planetary Science Letters</i> , 2010, 293, 321-330.	4.4	175
39	Structural and metamorphic control on the exhumation of high-P granulites: The Carvalhos Klippe example, from the oriental Andean Nappe System, southern portion of the Brasília Orogen, Brazil. <i>Precambrian Research</i> , 2010, 180, 125-142.	2.7	57
40	In situ LA-SF-ICP-MS U-Pb dating of metasomatic zircon growth during retrogression of UHP eclogites, Sulu deep drilling hole, China. <i>European Journal of Mineralogy</i> , 2010, 21, 1251-1264.	1.3	9
41	Aluminum Incorporation in TiO ₂ Rutile at High Pressure: An XRD and High-Resolution ²⁷ Al NMR Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12196-12201.	3.1	18
42	Thermometry of quartz mylonites: Importance of dynamic recrystallization on Ti-in-quartz reequilibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	54
43	An experimental study of OH solubility in rutile at 500-900 °C, 0.5-2 GPa, and a range of oxygen fugacities. <i>American Mineralogist</i> , 2011, 96, 1291-1299.	1.9	19
44	In situ measurement of hafnium isotopes in rutile by LA-MC-ICPMS: Protocol and applications. <i>Chemical Geology</i> , 2011, 281, 72-82.	3.3	32
45	Helium diffusion in rutile and titanite, and consideration of the origin and implications of diffusional anisotropy. <i>Chemical Geology</i> , 2011, 288, 149-161.	3.3	35
46	Ti site occupancy in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 905-921.	3.9	72
47	Geology, mineral chemistry and tourmaline B isotopes of the Carrego Bom Sucesso area, southern Serra do Espinhaço, Minas Gerais, Brazil: Implications for Au-Pd-Pt exploration in quartzitic terrain. <i>Journal of Geochemical Exploration</i> , 2011, 110, 260-277.	3.2	25
48	Zr-in-rutile thermometry of eclogite in the Dabie orogen: Constraints on rutile growth during continental subduction-zone metamorphism. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 427-451.	2.3	77
49	Progress in linking accessory mineral growth and breakdown to major mineral evolution in metamorphic rocks: a thermodynamic approach in the Na ₂ Ca ₂ K ₂ FeMgAl ₂ O ₃ Si ₂ Al ₂ O ₇ system. <i>Journal of Metamorphic Geology</i> , 2011, 29, 151-166.	3.4	188
50	Granulites, partial melting and the rheology of the lower crust. <i>Journal of Metamorphic Geology</i> , 2011, 29, 1-6.	3.4	14
51	Assessing the geochemical and tectonic impacts of fluid-rock interaction in mid-crustal shear zones: a case study from the intracontinental Alice Springs Orogen, central Australia. <i>Journal of Metamorphic Geology</i> , 2011, 29, 821-850.	3.4	54
52	Trace element composition of rutile and the application of Zr-in-rutile thermometry to UHT metamorphism (Epupa Complex, NW Namibia). <i>Lithos</i> , 2011, 126, 388-401.	1.4	65
53	Discrimination of TiO ₂ polymorphs in sedimentary and metamorphic rocks. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 581-596.	3.1	41
54	Application of Zr-in-rutile thermometry: a case study from ultrahigh-temperature granulites of the Khondalite belt, North China Craton. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 379-393.	3.1	97

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55	In situ U–Pb rutile dating by LA-ICP-MS: 208Pb correction and prospects for geological applications. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 515-530.	3.1	186
56	^{141}Ga ultrahigh-temperature granulite metamorphism in the Central Indian Tectonic Zone: insights from metamorphic reaction history, geothermobarometry and monazite chemical ages. <i>Geological Journal</i> , 2011, 46, 198-216.	1.3	81
57	Sinistral transport along the Trans-European Suture Zone: detrital zircon–rutile geochronology and sandstone petrography from the Carboniferous flysch of the Pontides. <i>Geological Magazine</i> , 2011, 148, 380-403.	1.5	62
58	U–Pb SHRIMP ages of detrital granulite-facies rutiles: further constraints on provenance of Jurassic sandstones on the Norwegian margin. <i>Geological Magazine</i> , 2011, 148, 473-480.	1.5	17
60	Rutile inclusions in quartz crystals record decreasing temperature and pressure during the exhumation of the Su-Lu UHP metamorphic belt in Donghai, East China. <i>American Mineralogist</i> , 2011, 96, 964-973.	1.9	2
61	Metamorphic history and geodynamic significance of the Early Cretaceous Sabzevar granulites (Sabzevar structural zone, NE Iran). <i>Solid Earth</i> , 2011, 2, 219-243.	2.8	18
62	Incorporation of Si into TiO ₂ phases at high pressure. <i>American Mineralogist</i> , 2012, 97, 524-531.	1.9	9
63	High-Pressure Tourmaline Formation and Fluid Activity in Fe–Ti-rich Eclogites from the Kreuzeck Mountains, Eastern Alps, Austria. <i>Journal of Petrology</i> , 2012, 53, 99-125.	2.8	22
65	High-sensitivity U–Pb rutile dating by secondary ion mass spectrometry (SIMS) with an O ₂ ⁺ primary beam. <i>Chemical Geology</i> , 2012, 332-333, 65-73.	3.3	62
66	Ion Microprobe U-Pb Age and Zr-in-Rutile Thermometry of Rutiles from the Daixian Rutile Deposit in the Hengshan Mountains, Shanxi Province, China. <i>Economic Geology</i> , 2012, 107, 525-535.	3.8	33
67	High-pressure phase relations in the system TiO ₂ –ZrO ₂ to 12 GPa: stability of $\text{Ti}_{1-x}\text{Zr}_x\text{O}_2$ (0 ≤ x ≤ 0.6). <i>Physics and Chemistry of Minerals</i> , 2012, 39, 797-802.	0.8	5
68	The origin of zircon and the significance of U–Pb ages in high-grade metamorphic rocks: a case study from the Variscan orogenic root (Vosges Mountains, NE France). <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 935-957.	3.1	31
69	Geochemical signatures of metasedimentary rocks of high-pressure granulite facies and their relation with partial melting: Carvalhos Klippe, Southern Brasília Belt, Brazil. <i>Journal of South American Earth Sciences</i> , 2012, 40, 63-76.	1.4	16
70	Paleoproterozoic eclogites of MORB-type chemistry and three Proterozoic orogenic cycles in the Ubendian Belt (Tanzania): Evidence from monazite and zircon geochronology, and geochemistry. <i>Precambrian Research</i> , 2012, 192-195, 16-33.	2.7	121
71	Neoproterozoic eclogites in the Paleoproterozoic Ubendian Belt of Tanzania: Evidence for a Pan-African suture between the Bangweulu Block and the Tanzania Craton. <i>Precambrian Research</i> , 2012, 208-211, 72-89.	2.7	63
72	Zirconium in rutile speedometry: New constraints on lower crustal cooling rates and residence temperatures. <i>Earth and Planetary Science Letters</i> , 2012, 317-318, 231-240.	4.4	21
73	Flattening the Bhutan Himalaya. <i>Earth and Planetary Science Letters</i> , 2012, 349-350, 67-74.	4.4	54
74	Microstructure, composition and P–T conditions of rutile from diamondiferous gneiss of the Saxonian Erzgebirge, Germany. <i>Chemie Der Erde</i> , 2012, 72, 25-30.	2.0	9

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75	Titanium in muscovite, biotite, and hornblende: Modeling, thermometry, and rutile activities of metapelites and amphibolites. <i>American Mineralogist</i> , 2012, 97, 543-555.	1.9	47
76	Analysis of Low Element Concentrations in Quartz by Electron Microprobe. <i>Springer Geology</i> , 2012, , 191-217.	0.3	15
77	Assessing the sediment factory: The role of single grain analysis. <i>Earth-Science Reviews</i> , 2012, 115, 97-120.	9.1	173
78	A recipe for the use of rutile in sedimentary provenance analysis. <i>Sedimentary Geology</i> , 2012, 282, 268-275.	2.1	88
79	Episodic fluid action during exhumation of deeply subducted continental crust: Geochemical constraints from zoisite-quartz vein and host metabasite in the Dabie orogen. <i>Lithos</i> , 2012, 155, 146-166.	1.4	45
80	Precipitation of rutile and ilmenite needles in garnet: Implications for extreme metamorphic conditions in the Acadian Orogen, U.S.A.. <i>American Mineralogist</i> , 2012, 97, 840-855.	1.9	77
81	Aluminum solubility in TiO ₂ rutile at high pressure and experimental evidence for a CaCl ₂ -structured polymorph. <i>American Mineralogist</i> , 2012, 97, 1075-1082.	1.9	15
82	Trace element systematics in granulite facies rutile: implications for Zr geothermometry and provenance studies. <i>Journal of Metamorphic Geology</i> , 2012, 30, 397-412.	3.4	97
83	Petrology of HP metamorphic veins in coesite-bearing eclogite from western Tianshan, China: Fluid processes and elemental mobility during exhumation in a cold subduction zone. <i>Lithos</i> , 2012, 136-139, 168-186.	1.4	66
84	Phase relations during peak metamorphism and decompression of the UHP kyanite eclogites, Pohorje Mountains (Eastern Alps, Slovenia). <i>Lithos</i> , 2012, 144-145, 40-55.	1.4	34
85	Chromium incorporation into TiO ₂ at high pressure. <i>Journal of Solid State Chemistry</i> , 2012, 190, 61-67.	2.9	14
86	Petrological and zircon evidence for anatexis of UHP quartzite during continental collision in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2013, 31, 389-413.	3.4	74
87	UPb LA-(MC)-ICP-MS dating of rutile: New reference materials and applications to sedimentary provenance. <i>Chemical Geology</i> , 2013, 347, 82-101.	3.3	79
88	New Constraints from Garnetite on the P-T Path of the Khondalite Belt: Implications for the Tectonic Evolution of the North China Craton. <i>Journal of Petrology</i> , 2013, 54, 1725-1758.	2.8	96
89	Discovery of ultrahigh-temperature metamorphism in the Acadian orogen, Connecticut, USA. <i>Geology</i> , 2013, 41, 271-274.	4.4	47
90	Zr-in-rutile thermometry in eclogite and vein from southwestern Tianshan, China. <i>Journal of Asian Earth Sciences</i> , 2013, 63, 70-80.	2.3	12
91	Comparison of the metamorphic history of the Monapo Complex, northern Mozambique and Balchenfjella and Austhameren areas, Sør Rondane, Antarctica: Implications for the Kuunga Orogeny and the amalgamation of N and S. Gondwana. <i>Precambrian Research</i> , 2013, 234, 85-135.	2.7	58
92	Carbonatite crystallization and alteration in the Tarr carbonatite-albitite complex, Sinai Peninsula, Egypt. <i>Precambrian Research</i> , 2013, 239, 24-41.	2.7	6

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93	Polyphase inclusions in the Shuanghe UHP eclogites formed by subsolidus transformation and incipient melting during exhumation of deeply subducted crust. <i>Lithos</i> , 2013, 177, 91-109.	1.4	55
94	Towards identifying the origin of metamorphic components in Austrian loess: insights from detrital rutile chemistry, thermometry and U-Pb geochronology. <i>Quaternary Science Reviews</i> , 2013, 75, 132-142.	3.0	29
95	Editorial: HP and UHP metamorphic belts in Asia. <i>Journal of Asian Earth Sciences</i> , 2013, 63, 1-4.	2.3	1
96	In situ LA-ICP-MS investigation of the geochemistry and U-Pb age of rutile from the rocks of the Belomorian mobile belt. <i>Geochemistry International</i> , 2013, 51, 164-171.	0.7	13
97	Major Nb/Ta Fractionation Recorded in Garnet Amphibolite Facies Metagabbro. <i>Journal of Geology</i> , 2013, 121, 255-274.	1.4	38
98	The robustness of the Zr-in-rutile and Ti-in-zircon thermometers during high-temperature metamorphism (Ivrea-Verbano Zone, northern Italy). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 757-779.	3.1	193
99	An experimental study of Ti and Zr partitioning among zircon, rutile, and granitic melt. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 235-253.	3.1	21
100	Dehydration melting of UHP eclogite and paragneiss in the Dabie orogen: Evidence from laboratory experiment to natural observation. <i>Science Bulletin</i> , 2013, 58, 4390-4396.	1.7	6
101	Possible armalcolite pseudomorph-bearing garnet-sillimanite gneiss from Skallevikshalsen, Lützow-Holm Complex, East Antarctica: Implications for ultrahigh-temperature metamorphism. <i>Geological Society Special Publication</i> , 2013, 383, 135-167.	1.3	12
102	Developing an inverted Barrovian sequence; insights from monazite petrochronology. <i>Earth and Planetary Science Letters</i> , 2014, 403, 418-431.	4.4	132
103	Active features along a passive margin: The intriguing interplay between Silurian-Devonian stratigraphy, Alleghanian deformation, and Eocene magmatism of Highland and Bath Counties, Virginia. , 2014, , 1-40.		2
104	Rutile U-Pb age depth profiling: A continuous record of lithospheric thermal evolution. <i>Earth and Planetary Science Letters</i> , 2014, 408, 171-182.	4.4	71
105	Sapphirine-bearing granulites from the Tongbai orogen, China: Petrology, phase equilibria, zircon U-Pb geochronology and implications for Paleozoic ultrahigh temperature metamorphism. <i>Lithos</i> , 2014, 208-209, 446-461.	1.4	23
106	Timing of UHP exhumation and rock fabric development in gneiss domes containing the world's youngest eclogite facies rocks, southeastern Papua New Guinea. <i>Journal of Metamorphic Geology</i> , 2014, 32, 1019-1039.	3.4	10
107	Behaviour of zircon and monazite during crustal melting. <i>Journal of the Geological Society</i> , 2014, 171, 465-479.	2.1	225
108	Subduction of Continental Crust to Mantle Depth. , 2014, , 309-340.		88
109	Timing and conditions of high-pressure metamorphism in the western Grenville Province: Constraints from accessory mineral composition and phase equilibrium modeling. <i>Lithos</i> , 2014, 200-201, 402-417.	1.4	19
110	Partial melting of UHP calc-gneiss from the Dabie Mountains. <i>Lithos</i> , 2014, 192-195, 86-101.	1.4	38

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111	Rare eclogite mafic granulite in felsic granulite in Blanský les: precursor of intermediate granulite in the Bohemian Massif?. <i>Journal of Metamorphic Geology</i> , 2014, 32, 325-345.	3.4	25
112	Intermediate granulite produced by transformation of eclogite at a felsic granulite contact, in Blanský les, Bohemian Massif. <i>Journal of Metamorphic Geology</i> , 2014, 32, 347-370.	3.4	17
113	Zircon trace element characteristics and ages in granulite xenoliths: a key to understanding the age and origin of the lower crust, Arkhangelsk kimberlite province, Russia. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	10
114	The evolution of zircon during low- <i>P</i> /partial melting of metapelitic rocks: theoretical predictions and a case study from Mt Stafford, central Australia. <i>Journal of Metamorphic Geology</i> , 2014, 32, 791-808.	3.4	28
115	Thermobarometry: Calibration of spectroscopic barometers and thermometers for mineral inclusions. <i>Earth and Planetary Science Letters</i> , 2014, 388, 187-196.	4.4	111
116	High to ultrahigh temperature contact metamorphism and dry partial melting of the Tasiuyak paragneiss, Northern Labrador. <i>Journal of Metamorphic Geology</i> , 2014, 32, 535-555.	3.4	15
117	Detrital rutile geochemistry and thermometry from the Dabie orogen: Implications for source-sediment links in a UHPM terrane. <i>Journal of Asian Earth Sciences</i> , 2014, 89, 123-140.	2.3	16
118	Metamorphic reaction rates at 650–800°C from diffusion of niobium in rutile. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 130, 63-77.	3.9	29
119	Adakite differentiation and emplacement in a subduction channel: The late Paleocene Sabzevar magmatism (NE Iran). <i>Bulletin of the Geological Society of America</i> , 2014, 126, 317-343.	3.3	63
120	The T History of Anatectic Pelites of the Northern East Humboldt Range, Nevada: Evidence for Tectonic Loading, Decompression, and Anatexis. <i>Journal of Petrology</i> , 2014, 55, 3-36.	2.8	42
121	Taking the temperature of Earth's hottest crust. <i>Earth and Planetary Science Letters</i> , 2014, 408, 341-354.	4.4	77
122	Metamorphic diamonds in a garnet megacryst from the Edough Massif (northeastern Algeria). Recognition and geodynamic consequences. <i>Tectonophysics</i> , 2014, 637, 341-353.	2.2	19
123	LA-ICP-MS U–Pb dating of detrital rutile and zircon from the Reynolds Range: A window into the Palaeoproterozoic tectonosedimentary evolution of the North Australian Craton. <i>Precambrian Research</i> , 2014, 255, 381-400.	2.7	21
124	Zircon (re)crystallization during short-lived, high- <i>P</i> granulite facies metamorphism (Eger) Tj ETQq1 1 0.784314 rgBT/Overlock	3.4	16
125	Small grains and big implications: Accessory Ti- and Zr-minerals as petrogenetic indicators in HP and UHP marbles. <i>American Mineralogist</i> , 2014, 99, 1197-1198.	1.9	3
126	Ediacaran 2,500-km-long synchronous deep continental subduction in the West Gondwana Orogen. <i>Nature Communications</i> , 2014, 5, 5198.	12.8	109
127	Differential exhumation and cooling history of North Qaidam UHP metamorphic rocks, NW China: Constraints from zircon and rutile thermometry and U–Pb geochronology. <i>Lithos</i> , 2014, 205, 15-27.	1.4	34
128	U–Pb ages and trace elements of metamorphic rutile from ultrahigh-pressure quartzite in the Sulu orogen. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 87-114.	3.9	34

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129	Combined rutile–zircon thermometry and U–Pb geochronology: New constraints on Early Paleozoic HP/UHT granulite in the south Altyn Tagh, north Tibet, China. <i>Lithos</i> , 2014, 200-201, 241-257.	1.4	66
130	High-Ti muscovite as a prograde relict in high pressure granulites with metamorphic Devonian zircon ages (Básvina granulite body, Bohemian Massif): Consequences for the relamination model of subducted crust. <i>Gondwana Research</i> , 2014, 25, 630-648.	6.0	51
131	Using U–Th–Pb petrochronology to determine rates of ductile thrusting: Time windows into the Main Central Thrust, Sikkim Himalaya. <i>Tectonics</i> , 2015, 34, 1355-1374.	2.8	56
132	Behaviour of geochronometers and timing of metamorphic reactions during deformation at lower crustal conditions: phase equilibrium modelling and U–Pb dating of zircon, monazite, rutile and titanite from the Kalak Nappe Complex, northern Norway. <i>Journal of Metamorphic Geology</i> , 2015, 33, 513-534.	3.4	45
133	In-situ oxygen isotope and trace element geothermometry of rutilated quartz from Alpine fissures. <i>American Mineralogist</i> , 2015, 100, 915-925.	1.9	16
134	RELEASE OF TRACE ELEMENTS THROUGH THE SUB-GREENSCHIST FACIES BREAKDOWN OF DETRITAL RUTILE TO METAMORPHIC TITANITE IN THE OTAGO SCHIST, NEW ZEALAND. <i>Canadian Mineralogist</i> , 2015, 53, 379-400.	1.0	24
135	Multi-method provenance model for early Paleozoic sedimentary basins of southern Peru and northern Bolivia (13°–18°S). <i>Journal of South American Earth Sciences</i> , 2015, 64, 94-115.	1.4	13
136	UHP kyanite eclogite associated with garnet peridotite and diamond-bearing granulite, northern Bohemian Massif. <i>Lithos</i> , 2015, 226, 255-264.	1.4	24
137	Using calculated chemical potential relationships to account for replacement of kyanite by symplectite in high pressure granulites. <i>Journal of Metamorphic Geology</i> , 2015, 33, 311-330.	3.4	44
138	Fluid-inclusion microthermometry and the Zr-in-rutile thermometer for hydrothermal rutile. <i>International Journal of Earth Sciences</i> , 2015, 104, 513-519.	1.8	22
139	Trace element behavior and P–T–t evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. <i>Lithos</i> , 2015, 226, 65-80.	1.4	42
140	TitaniQ recrystallized: experimental confirmation of the original Ti-in-quartz calibrations. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	3.1	82
141	Pressure–temperature–time–deformation path of kyanite-bearing migmatitic paragneiss in the Kali Gandaki valley (Central Nepal): Investigation of Late Eocene–Early Oligocene melting processes. <i>Lithos</i> , 2015, 231, 103-121.	1.4	101
142	On ultrahigh temperature crustal metamorphism: Phase equilibria, trace element thermometry, bulk composition, heat sources, timescales and tectonic settings. <i>Geoscience Frontiers</i> , 2015, 6, 311-356.	8.4	335
143	SIMS U-Pb dating of rutile within eclogitic xenoliths in the Early Cretaceous adakitic rocks of the Xuzhou-Huaibei area, China: Constraints on the timing of crustal thickening of the eastern North China Craton. <i>Science China Earth Sciences</i> , 2015, 58, 1100-1106.	5.2	15
144	Multistage exhumation and partial melting of high-T ultrahigh-pressure metamorphic rocks in continental subduction-collision zones. <i>Science China Earth Sciences</i> , 2015, 58, 1084-1099.	5.2	14
145	P–T–t evolution of a large, long-lived, ultrahigh-temperature Grenvillian belt in central Australia. <i>Gondwana Research</i> , 2015, 28, 531-564.	6.0	53
146	Oriented multiphase needles in garnet from ultrahigh-temperature granulites, Connecticut, U.S.A.. <i>American Mineralogist</i> , 2015, 100, 2254-2271.	1.9	26

#	ARTICLE	IF	CITATIONS
147	Timing of Partial Melting and Cooling across the Greater Himalayan Crystalline Complex (Nyalam, N) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34	2.8	80
148	LASS Uâ€“Thâ€“Pb monazite and rutile geochronology of felsic high-pressure granulites (Rhodope, N) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34	1.4	21
149	Syn-collapse eclogite metamorphism and exhumation of deep crust in a migmatite dome: The Pâ€“Tâ€“t record of the youngest Variscan eclogite (Montagne Noire, French Massif Central). Earth and Planetary Science Letters, 2015, 430, 224-234.	4.4	46
150	In situ determination of hafnium isotopes from rutile using LA-MC-ICP-MS. Science China Earth Sciences, 2015, 58, 2134-2144.	5.2	11
151	Calibration of a Ti-in-muscovite geothermometer for ilmenite- and Al ₂ SiO ₅ -bearing metapelites. Lithos, 2015, 212-215, 122-127.	1.4	24
152	Application of Ti-in-zircon and Zr-in-rutile thermometers to constrain high-temperature metamorphism in eclogites from the Dabie orogen, central China. Gondwana Research, 2015, 27, 410-423.	6.0	50
153	Interpreting zirconiumâ€“rutile thermometric results. Journal of Metamorphic Geology, 2015, 33, 115-122.	3.4	41
154	Application of The Titanium-In-Quartz Thermobarometer to Eclogites from The Biga Peninsula, NW Turkey. IOP Conference Series: Earth and Environmental Science, 2016, 44, 042001.	0.3	1
156	The Cedrolina Chromitite, GoiÃ§s State, Brazil: A Metamorphic Puzzle. Minerals (Basel, Switzerland), 2016, 6, 91.	2.0	10
157	Possible polymetamorphism and brine infiltration recorded in the garnetâ€“sillimanite gneiss, Skallevikshalsen, LÃ¼tzowâ€“Holm Complex, East Antarctica. Journal of Mineralogical and Petrological Sciences, 2016, 111, 129-143.	0.9	28
158	The fate of zircon during <sc>UHT</sc>â€“<sc>UHP</sc> metamorphism: isotopic (U/Pb,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34	3.4	29
159	40 Ar/ 39 Ar mineral ages of eclogites from North Shahrekord in the Sanandajâ€“Sirjan Zone, Iran: Implications for the tectonic evolution of Zagros orogen. Gondwana Research, 2016, 37, 216-240.	6.0	76
160	A systematic evaluation of the Zr-in-rutile thermometer in ultra-high temperature (UHT) rocks. Contributions To Mineralogy and Petrology, 2016, 171, 1.	3.1	62
161	Multi-stage barite crystallization in partially melted UHP eclogite from the Sulu belt, China. American Mineralogist, 2016, 101, 564-579.	1.9	26
162	Contrasting <i>P-T</i> paths within the Barchi-Kol UHP terrain (Kokchetav Complex): Implications for subduction and exhumation of continental crust. American Mineralogist, 2016, 101, 788-807.	1.9	36
163	Mineral inclusions in rutile: A novel recorder of HP-UHP metamorphism. Earth and Planetary Science Letters, 2016, 446, 137-148.	4.4	23
164	Evolution of the passive margin of the peripheral foreland basin: an example from the Lower Miocene Carpathian Foredeep (Czech Republic). Geologica Carpathica, 2016, 67, 41-68.	0.7	6
165	Accessories after the facts: Constraining the timing, duration and conditions of high-temperature metamorphic processes. Lithos, 2016, 264, 239-257.	1.4	136

#	ARTICLE	IF	CITATIONS
166	Implications of near-rim compositional zoning in rutile for geothermometry, geospeedometry, and trace element equilibration. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	32
167	High-pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet. <i>Lithosphere</i> , 2016, 8, 574-582.	1.4	37
168	Fluid-rock interaction and evolution of a high-pressure/low-temperature vein system in eclogite from New Caledonia: insights into intraslab fluid flow processes. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	33
169	Tracing the thermal evolution of the Corsican lower crust during Tethyan rifting. <i>Tectonics</i> , 2016, 35, 2439-2466.	2.8	25
170	Trace element features of hydrothermal and inherited igneous zircon grains in mantle wedge environment: A case study from the Myanmar jadeitite. <i>Lithos</i> , 2016, 266-267, 16-27.	1.4	17
171	Evolution of the western East African Rift System reflected in provenance changes of Miocene to Pleistocene synrift sediments (Albertine Rift, Uganda). <i>Sedimentary Geology</i> , 2016, 343, 190-205.	2.1	14
172	Mineral Thermometry and Fluid Inclusion Studies of the Pea Ridge Iron Oxide-Apatite-Rare Earth Element Deposit, Mesoproterozoic St. Francois Mountains Terrane, Southeast Missouri, USA. <i>Economic Geology</i> , 2016, 111, 1985-2016.	3.8	37
173	Protracted (~ 30 Ma) eclogite-facies metamorphism in northern Victoria Land (Antarctica): Implications for the geodynamics of the Ross/Delamerian Orogen. <i>Gondwana Research</i> , 2016, 40, 91-106.	6.0	29
175	A matter of time: The importance of the duration of UHT metamorphism. <i>Journal of Mineralogical and Petrological Sciences</i> , 2016, 111, 50-72.	0.9	132
176	Late Cretaceous UHP metamorphism recorded in kyanite-garnet schists from the Central Rhodope Mountains, Bulgaria. <i>Lithos</i> , 2016, 246-247, 165-181.	1.4	14
177	Short-lived reheating events in the Sommartuva shear zone hosted in cold crust: Ar-diffusion modelling constraints for the exhumation of eclogites in Flakstadøy, Lofoten Islands, Norway. <i>Chemical Geology</i> , 2016, 437, 134-152.	3.3	2
178	Coupled extrusion of subarc lithospheric mantle and lower crust during orogen collapse: a case study from Fiordland, New Zealand. <i>Journal of Metamorphic Geology</i> , 2016, 34, 501-524.	3.4	12
179	New insights into the provenance of Saudi Arabian Palaeozoic sandstones from heavy mineral analysis and single-grain geochemistry. <i>Sedimentary Geology</i> , 2016, 333, 100-114.	2.1	36
180	Prolonged Ediacaran-Cambrian Metamorphic History and Short-lived High-pressure Granulite-facies Metamorphism in the H.U. Sverdrupfjella, Dronning Maud Land (East Antarctica): Evidence for Continental Collision during Gondwana Assembly. <i>Journal of Petrology</i> , 2016, 57, 185-228.	2.8	40
181	Trace element composition of rutile and Zr-in-rutile thermometry in meta-ophiolitic rocks from the Kazdağlı Massif, NW Turkey. <i>Mineralogy and Petrology</i> , 2016, 110, 547-560.	1.1	9
182	UHP-UHT peak conditions and near-adiabatic exhumation path of diamond-bearing garnet-clinopyroxene rocks from the Eger Crystalline Complex, North Bohemian Massif. <i>Lithos</i> , 2016, 248-251, 366-381.	1.4	36
183	Genesis of chromium-rich kyanite in eclogite-facies Cr-spinel-bearing gabbroic cumulates, Pohorje Massif, Eastern Alps. <i>American Mineralogist</i> , 2016, 101, 448-460.	1.9	6
184	Metamorphic chronology—a tool for all ages: Past achievements and future prospects. <i>American Mineralogist</i> , 2016, 101, 25-42.	1.9	94

#	ARTICLE	IF	CITATIONS
185	Metamorphic conditions and CHIME monazite ages of Late Eocene to Late Oligocene high-temperature Mogok metamorphic rocks in central Myanmar. <i>Journal of Asian Earth Sciences</i> , 2016, 117, 304-316.	2.3	29
186	Taconian retrograde eclogite from northwest Connecticut, USA, and its petrotectonic implications. <i>Lithos</i> , 2016, 240-243, 276-294.	1.4	17
187	P ϵ -T ϵ -t evolution of eclogite/blueschist facies metamorphism in Alanya Massif: time and space relations with HP event in Bitlis Massif, Turkey. <i>International Journal of Earth Sciences</i> , 2016, 105, 247-281.	1.8	36
188	Zr-in-rutile thermometry of eclogites from the Karakaya Complex in NW Turkey: Implications for rutile growth during subduction zone metamorphism. <i>Chemie Der Erde</i> , 2017, 77, 95-104.	2.0	0
189	Pseudo- and real-inverted metamorphism caused by the superposition and extrusion of a stack of nappes: a case study of the Southern Bras \tilde{a} lia Orogen, Brazil. <i>International Journal of Earth Sciences</i> , 2017, 106, 2407-2427.	1.8	22
190	Regional metamorphism at extreme conditions: Implications for orogeny at convergent plate margins. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 46-73.	2.3	142
191	Record of modern-style plate tectonics in the Palaeoproterozoic Trans-Hudson orogen. <i>Nature Geoscience</i> , 2017, 10, 305-311.	12.9	136
192	Prograde and near-peak zircon growth in a migmatitic pelitic schist of the southeastern Canadian Cordillera. <i>Lithos</i> , 2017, 282-283, 65-81.	1.4	13
193	Petrogenetic relations among titanium \tilde{a} rich minerals in an anatectic high \tilde{a} mafic granulite. <i>Journal of Metamorphic Geology</i> , 2017, 35, 717-738.	3.4	24
194	Evolution of the northern Albertine Rift reflected in the provenance of synrift sediments (Nkondo-Kaiso area, Uganda). <i>Journal of African Earth Sciences</i> , 2017, 131, 183-197.	2.0	7
195	Complicated secondary textures in zircon record evolution of the host granitic rocks: Studies from Western Tauern Window and \tilde{a} -tztal-Stubai Crystalline Complex (Eastern Alps, Western Austria). <i>Lithos</i> , 2017, 284-285, 381-400.	1.4	4
196	Metamorphic zirconology of continental subduction zones. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 149-176.	2.3	77
197	Stepwise exhumation of the Triassic Lanling high \tilde{a} pressure metamorphic belt in Central Qiangtang, Tibet: Insights from a coupled study of metamorphism, deformation, and geochronology. <i>Tectonics</i> , 2017, 36, 652-670.	2.8	41
198	Petrology and Geochronology of Rutile. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 443-467.	4.8	107
199	Phase Relations, Reaction Sequences and Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 13-53.	4.8	85
200	Diffusion: Obstacles and Opportunities in Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 103-152.	4.8	34
201	Secondary Ionization Mass Spectrometry Analysis in Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 199-230.	4.8	31
202	Metamorphic and magmatic evolution of the Paleoproterozoic gneisses in the Sancheong area, Yeongnam Massif, South Korea, and their implications to the tectonics in the Northeast Asia. <i>Precambrian Research</i> , 2017, 298, 439-461.	2.7	35

#	ARTICLE	IF	CITATIONS
203	Diopside, apatite, and rutile in an ultrahigh pressure impure marble from the Dabie Shan, eastern China: A record of eclogite-facies metasomatism during exhumation. <i>Chemical Geology</i> , 2017, 466, 123-139.	3.3	7
204	Neoarchean-Paleoproterozoic granulite-facies metamorphism in Uzkaya Salma eclogite-bearing mafic gabbro, Belomorian Province (Russia). <i>Precambrian Research</i> , 2017, 294, 257-283.	2.7	22
205	Prograde infiltration of Cl-rich fluid into the granulitic continental crust from a collision zone in East Antarctica (Perlebandet, Sør Rondane Mountains). <i>Lithos</i> , 2017, 274-275, 73-92.	1.4	16
206	Zr-in-rutile resetting in aluminosilicate bearing ultra-high temperature granulites: Refining the record of cooling and hydration in the Napier Complex, Antarctica. <i>Lithos</i> , 2017, 272-273, 128-146.	1.4	24
207	Monazite in a Variscan mylonitic paragneiss from the Münchberg Metamorphic Complex (NE Bavaria) records Cadomian protolith ages. <i>Journal of Metamorphic Geology</i> , 2017, 35, 453-469.	3.4	22
208	Ultrafast eclogite formation via melting-induced overpressure. <i>Earth and Planetary Science Letters</i> , 2017, 479, 1-17.	4.4	33
209	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie) Tj ETQqO O 0 rgBT /Overlock 10 T American Mineralogist, 2017, 102, 2268-2283.	1.9	29
210	Rutile: A novel recorder of high- <i>f</i> _{O₂} fluids in subduction zones. <i>American Mineralogist</i> , 2017, 102, 2153-2153.	1.9	0
211	Reconstruction of multiple P-T-t stages from retrogressed mafic rocks: Subduction versus collision in the Southern Brasília orogen (SE Brazil). <i>Lithos</i> , 2017, 294-295, 283-303.	1.4	56
212	Monazite behaviour during isothermal decompression in pelitic granulites: a case study from Dinggye, Tibetan Himalaya. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	57
213	Evaluating the importance of metamorphism in the foundering of continental crust. <i>Scientific Reports</i> , 2017, 7, 13039.	3.3	18
214	Metal mobility during hydrothermal breakdown of Fe-Ti oxides: Insights from Sb-Au mineralizing event (Variscan Armorican Massif, France). <i>Ore Geology Reviews</i> , 2017, 91, 66-99.	2.7	16
215	Clockwise and Anticlockwise P-T Paths of High-pressure Rocks from the La Pioza Eclogite Body of the Malpica-Tuy Complex, NW Spain. <i>Journal of Petrology</i> , 2017, 58, 1363-1392.	2.8	31
216	2. Phase Relations, Reaction Sequences and Petrochronology. , 2017, , 13-54.		7
217	4. Diffusion: Obstacles and Opportunities in Petrochronology. , 2017, , 103-152.		2
218	Element mobility during regional metamorphism in crustal and subduction zone environments with a focus on the rare earth elements (REE). <i>American Mineralogist</i> , 2017, 102, 1796-1821.	1.9	61
219	Calibration of the garnet-biotite-Al ₂ SiO ₅ quartz geobarometer for metapelites. <i>Journal of Metamorphic Geology</i> , 2017, 35, 983-998.	3.4	31
220	Petrology, pseudosection modelling and U-Pb geochronology of silica-deficient Mg-Al granulites from the Jagtial section of Karimnagar granulite terrane, northeastern Dharwar Craton, India. <i>Precambrian Research</i> , 2017, 299, 177-194.	2.7	13

#	ARTICLE	IF	CITATIONS
221	Rutile geochemistry and thermometry of eclogites and associated garnet-mica schists in the Biga Peninsula, NW Turkey. <i>Chemie Der Erde</i> , 2017, 77, 503-515.	2.0	1
222	Cretaceous high-pressure metamorphism and low pressure overprint in the Sistan Suture Zone, eastern Iran: Additional temperature estimates for eclogites, geological significance of U-Pb zircon ages and Rb-Sr constraints on the timing of exhumation. <i>Journal of Asian Earth Sciences</i> , 2017, 147, 332-344.	2.3	13
223	Significance of Zr-in-Rutile Thermometry for Deducing the Decompression P-T Path of a Garnet-Clinopyroxene Granulite in the Moldanubian Zone of the Bohemian Massif. <i>Journal of Petrology</i> , 2017, 58, 1173-1198.	2.8	16
224	High-Pressure Granulite Facies Overprinting During the Exhumation of Eclogites in the Bangong-Nujiang Suture Zone, Central Tibet: Link to Flat-Slab Subduction. <i>Tectonics</i> , 2017, 36, 2918-2935.	2.8	75
225	Felsic granulite with layers of eclogite facies rocks in the Bohemian Massif; did they share a common metamorphic history?. <i>Lithos</i> , 2017, 286-287, 408-425.	1.4	11
226	Geology and tectono-metamorphic evolution of the Himalayan metamorphic core: insights from the Mugu Karnali transect, Western Nepal (Central Himalaya). <i>Journal of Metamorphic Geology</i> , 2017, 35, 301-325.	3.4	52
227	Reaction overstepping and re-evaluation of peak P-T conditions of the blueschist unit Sifnos, Greece: implications for the Cyclades subduction zone. <i>International Geology Review</i> , 2017, 59, 548-562.	2.1	49
228	Provenance of a large Lower Cretaceous turbidite submarine fan complex on the active Laurasian margin: Central Pontides, northern Turkey. <i>Journal of Asian Earth Sciences</i> , 2017, 134, 309-329.	2.3	25
229	A New LA-ICP-MS Method for Ti in Quartz: Implications and Application to High Pressure Rutile-Quartz Veins from the Czech Erzgebirge. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 29-40.	3.1	11
230	A mechanism for Nb incorporation in rutile and application of Zr-in-rutile thermometry: A case study from granulite facies paragneisses of the Mogok metamorphic belt, Myanmar. <i>Mineralogical Magazine</i> , 2017, 81, 1503-1521.	1.4	10
231	Recent progress of geothermobarometry I. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 699-706.	0.6	0
232	Recent progress of geothermobarometer â...j:. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 707-716.	0.6	1
233	7. Secondary Ionization Mass Spectrometry Analysis in Petrochronology. , 2017, , 199-230.		0
234	East Anatolian plateau constructed over a continental basement: No evidence for the East Anatolian accretionary complex. <i>Geology</i> , 2017, 45, 791-794.	4.4	61
235	14. Petrology and Geochronology of Rutile. , 2017, , 443-468.		1
236	Granulite facies paragneisses from the middle segment of the Mogok metamorphic belt, central Myanmar. <i>Journal of Mineralogical and Petrological Sciences</i> , 2017, 112, 1-19.	0.9	13
238	Interpretation of zircon coronae textures from metapelitic granulites of the Ivrea-Verbanese Zone, northern Italy: two-stage decomposition of Fe-Ti oxides. <i>Solid Earth</i> , 2017, 8, 789-804.	2.8	2
239	Rapid time scale of Earth's youngest known ultrahigh-pressure metamorphic event, Papua New Guinea. <i>Geology</i> , 2017, 45, 795-798.	4.4	8

#	ARTICLE	IF	CITATIONS
240	Granulite-facies Overprint in Garnet Peridotites and Kyanite Eclogites of Monte Duria (Central Alps), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	16
241	Th/U ratios in metamorphic zircon. <i>Journal of Metamorphic Geology</i> , 2018, 36, 715-737.	3.4	267
242	Two Tertiary metamorphic events recognized in high-pressure metapelites of the Nevado-Filábride Complex (Betic Cordillera, S Spain). <i>Journal of Metamorphic Geology</i> , 2018, 36, 603-630.	3.4	37
243	Rutile R632 – A New Natural Reference Material for U–Pb and Zr Determination. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 319-338.	3.1	33
244	<sc>UHP</sc> metamorphism recorded by phengite eclogite from the Caledonides of northern Sweden: <i>P–T</i> path and tectonic implications. <i>Journal of Metamorphic Geology</i> , 2018, 36, 547-566.	3.4	37
245	Early Miocene rapid exhumation in southern Tibet: Insights from P–T–t magmatism path of Yardoi dome. <i>Lithos</i> , 2018, 304-307, 38-56.	1.4	20
246	P-T evolution of metasedimentary rocks of the Santa Filomena Complex, Riacho do Pontal Orogen, Borborema Province (NE Brazil): Geothermobarometry and metamorphic modelling. <i>Journal of South American Earth Sciences</i> , 2018, 82, 91-107.	1.4	6
247	Bauxite to eclogite: Evidence for late Permian supracontinental subduction at the Red River shear zone, northern Vietnam. <i>Lithos</i> , 2018, 302-303, 37-49.	1.4	13
248	Rates of Deep Continental Burial From Lu–Hf Garnet Chronology and Zr–in–Rutile Thermometry on (Ultra)high-Pressure Rocks. <i>Tectonics</i> , 2018, 37, 71-88.	2.8	39
249	Mineralized breccia clasts: a window into hidden porphyry-type mineralization underlying the epithermal polymetallic deposit of Cerro de Pasco (Peru). <i>Mineralium Deposita</i> , 2018, 53, 919-946.	4.1	26
250	The early exhumation history of the Western Tianshan <sc>UHP</sc> metamorphic belt, China: New constraints from titanite U–Pb geochronology and thermobarometry. <i>Journal of Metamorphic Geology</i> , 2018, 36, 631-651.	3.4	22
251	A window into the lower crust: Trace element systematics and the occurrence of inclusions/intergrowths in granulite-facies rutile. <i>Gondwana Research</i> , 2018, 59, 76-86.	6.0	20
252	Rutile alteration and authigenic growth in metasandstones of the Moeda Formation, Minas Gerais, Brazil – A result of Transamazonian fluid–rock interaction. <i>Chemical Geology</i> , 2018, 483, 397-409.	3.3	20
253	The origin and geochemical characteristics of rutile in eluvial and fluvial-alluvial placers and quartz veins of the Menderes Massif from the Neoproterozoic Pan-African Belt, Western Turkey. <i>Journal of African Earth Sciences</i> , 2018, 143, 10-27.	2.0	3
254	Subduction of Proterozoic to Late Triassic continental basement in the Guatemala suture zone: A petrological and geochronological study of high-pressure metagranitoids from the Chuacús complex. <i>Lithos</i> , 2018, 308-309, 83-103.	1.4	23
255	The mantle source of island arc magmatism during early subduction: Evidence from Hf isotopes in rutile from the Jijal Complex (Kohistan arc, Pakistan). <i>Lithos</i> , 2018, 308-309, 262-277.	1.4	9
256	Pressure-temperature evolution during two granulite-facies metamorphic events (2.62 and 2.02 Ga) in rocks from the Central Zone of the Limpopo Belt, South Africa. <i>Precambrian Research</i> , 2018, 310, 471-506.	2.7	32
257	Neoproterozoic mineralization in a hydrothermal cassiterite-sulfide deposit at Jiumao, northern Guangxi, South China: Mineral-scale constraints on metal origins and ore-forming processes. <i>Ore Geology Reviews</i> , 2018, 94, 172-192.	2.7	18

#	ARTICLE	IF	CITATIONS
258	Cenozoic evolution of the Altyn Tagh and East Kunlun fault zones inferred from detrital garnet, tourmaline and rutile in southwestern Qaidam Basin (Northern Tibetan Plateau). <i>Basin Research</i> , 2018, 30, 35-58.	2.7	16
259	Determining the amount of overstepping required to nucleate garnet during Barrovian regional metamorphism, Connecticut Valley Synclinorium. <i>Journal of Metamorphic Geology</i> , 2018, 36, 79-94.	3.4	44
260	High-pressure metamorphic evolution of eclogite and associated metapelite from the ChuacÃs complex (Guatemala Suture Zone): Constraints from phase equilibria modelling coupled with Lu-Hf and U-Pb geochronology. <i>Journal of Metamorphic Geology</i> , 2018, 36, 95-124.	3.4	20
261	Quartz and orthopyroxene exsolution lamellae in clinopyroxene and the metamorphic P - T path of Belomorian eclogites. <i>Journal of Metamorphic Geology</i> , 2018, 36, 1-22.	3.4	53
262	A change of subduction temperatures: Evidence from Zr-in-rutile thermometry for strengthening of the subduction interface. <i>Earth and Planetary Science Letters</i> , 2018, 482, 525-535.	4.4	34
263	Provenance and tectonic setting of Carboniferous-Triassic sandstones from the Karaburun Peninsula, western Turkey: A multi-method approach with implications for the Palaeotethys evolution. <i>Sedimentary Geology</i> , 2018, 375, 232-255.	2.1	16
264	Microstructural, trace element and geochronological characterization of TiO ₂ polymorphs and implications for mineral exploration. <i>Chemical Geology</i> , 2018, 476, 130-149.	3.3	32
265	Intra-oceanic arc growth driven by magmatic and tectonic processes recorded in the Neoproterozoic Bougmane arc complex (Anti-Atlas, Morocco). <i>Precambrian Research</i> , 2018, 304, 39-63.	2.7	46
266	How long can the middle crust remain partially molten during orogeny?. <i>Geology</i> , 2018, 46, 839-842.	4.4	40
267	Phase equilibrium modelling and implications for P - T determinations of medium-temperature UHP eclogites, North Qaidam terrane, China. <i>Journal of Metamorphic Geology</i> , 2018, 36, 1237-1261.	3.4	20
268	2.7 Ga high-pressure granulites of the Teton Range: Record of Neoproterozoic continent collision and exhumation. , 2018, 14, 1031-1050.		6
269	Metapelitic Garnet-Muscovite-Al ₂ SiO ₅ -Quartz (GMAQ) Geothermobarometry. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 977-988.	3.2	6
270	Neoproterozoic igneous activity and Permo-Triassic metamorphism in the Gapyeong area within the Gyeonggi Massif, South Korea, and their implication for the tectonics of northeastern Asia. <i>Lithos</i> , 2018, 322, 1-19.	1.4	15
271	Tracking the prograde P - T path of Precambrian eclogite using Ti-in-quartz and Zr-in-rutile geothermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	22
272	Subducted Mg-rich carbonates into the deep mantle wedge. <i>Earth and Planetary Science Letters</i> , 2018, 503, 118-130.	4.4	39
273	Using eclogite retrogression to track the rapid exhumation of the Pliocene Papua New Guinea UHP Terrane. <i>Journal of Petrology</i> , 0, , .	2.8	4
274	Testing for Rapid Thermal Pulses in the Crust by Modeling Garnet Growth-Diffusion-Resorption Profiles in a UHT Metamorphic "Hot Spot", New Hampshire, USA. <i>Journal of Petrology</i> , 0, , .	2.8	1
275	Assessing trace element (dis)equilibrium and the application of single element thermometers in metamorphic rocks. <i>Lithos</i> , 2018, 314-315, 1-15.	1.4	28

#	ARTICLE	IF	CITATIONS
276	A Temperature-Composition Framework for Crystallization of Fractionated Interstitial Melt in the Bushveld Complex from Trace Element Systematics of Zircon and Rutile. <i>Journal of Petrology</i> , 2018, 59, 1383-1416.	2.8	19
277	Mineral equilibrium modelling and calculated chemical potential relations of reaction textures in the ultrahigh-temperature In Ouzal terrane (In Hihaou area, Western Hoggar, Algeria). <i>Journal of Metamorphic Geology</i> , 2018, 36, 1175-1198.	3.4	16
278	The Ti Record of Quartz in Anatectic Aluminous Granulites. <i>Journal of Petrology</i> , 2018, 59, 1493-1516.	2.8	9
279	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. <i>Nature Communications</i> , 2018, 9, 2790.	12.8	75
280	A Review of Ultrahigh Temperature Metamorphism. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 1167-1180.	3.2	18
281	Tantalum. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1419-1421.	0.1	1
282	Evaluation of the effective bulk composition (EBC) during growth of garnet. <i>Chemical Geology</i> , 2018, 491, 39-47.	3.3	19
283	A petrochronological approach for the detrital record: Tracking mm-sized eclogite clasts in the northern Canadian Cordillera. <i>Earth and Planetary Science Letters</i> , 2018, 494, 23-31.	4.4	12
284	Prolonged (>100Ma) ultrahigh temperature metamorphism in the Napier Complex, East Antarctica: A petrochronological investigation of Earth's hottest crust. <i>Journal of Metamorphic Geology</i> , 2018, 36, 1117-1139.	3.4	39
285	Partial melting due to breakdown of an epidote-group mineral during exhumation of ultrahigh-pressure eclogite: An example from the North-East Greenland Caledonides. <i>Journal of Metamorphic Geology</i> , 2019, 37, 15-39.	3.4	26
286	Metamorphic modeling and petrochronology of metapelitic rocks from the Luminárias Nappe, southern Brasília belt (SE Brazil). <i>Brazilian Journal of Geology</i> , 2019, 49, .	0.7	10
287	Drastic effect of shearing on graphite microtexture: attention and application to Earth science. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	16
288	Syn-metamorphic B-bearing fluid infiltrations deduced from tourmaline in the Main Central Thrust zone, Eastern Nepal Himalayas. <i>Lithos</i> , 2019, 348-349, 105175.	1.4	12
289	Insights into orogenic processes from drab schists and minor intrusions: Southern São Francisco Craton, Brazil. <i>Lithos</i> , 2019, 346-347, 105146.	1.4	4
290	Oncolytic reovirus as a new anti-tumor strategy in castration resistant prostate cancer. <i>Annals of Oncology</i> , 2019, 30, v770.	1.2	0
291	Spatial and temporal trends in exhumation of the Eastern Himalaya and syntaxis as determined from a multitechnique detrital thermochronological study of the Bengal Fan. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1607-1622.	3.3	29
292	Metallogenic and tectonic implications of detrital zircon U-Pb, Hf isotopes, and detrital rutile geochemistry of late carboniferous karstic bauxite on the southern margin of the North China Craton. <i>Lithos</i> , 2019, 350-351, 105222.	1.4	10
293	Monazite behaviour during metamorphic evolution of a diamond-bearing gneiss: a case study from the Seve Nappe Complex, Scandinavian Caledonides. <i>Journal of Petrology</i> , 0, , .	2.8	7

#	ARTICLE	IF	CITATIONS
294	A Simple Electrode-Level Chemical Presodiation Route by Solution Spraying to Improve the Energy Density of Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1903795.	14.9	85
295	Original Calibration of a Garnet Geobarometer in Metapelite. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 540.	2.0	33
296	Paleocene metamorphism along the Pennine-Austroalpine suture constrained by U-Pb dating of titanite and rutile (Malenco, Alps). <i>Swiss Journal of Geosciences</i> , 2019, 112, 517-542.	1.2	12
297	Antimony in rutile as a pathfinder for orogenic gold deposits. <i>Ore Geology Reviews</i> , 2019, 106, 1-11.	2.7	37
298	Can we extract ultrahigh-temperature conditions from Fe-rich metapelites? An example from the Khondalite Belt, North China Craton. <i>Lithos</i> , 2019, 328-329, 228-243.	1.4	21
299	High-pressure, ultrahigh-temperature 1.9 Ga metamorphism of the Kramanitar Complex, Snowbird Tectonic Zone, Rae Craton, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	7
300	Two-Stage Cooling and Exhumation of Deeply Subducted Continents. <i>Tectonics</i> , 2019, 38, 863-877.	2.8	17
301	Analysis of Natural Rutile (TiO ₂) by Laser-assisted Atom Probe Tomography. <i>Microscopy and Microanalysis</i> , 2019, 25, 539-546.	0.4	16
302	Blueschist from the Mariana forearc records long-lived residence of material in the subduction channel. <i>Earth and Planetary Science Letters</i> , 2019, 519, 171-181.	4.4	34
303	Zirconium in rutile thermometry of the Himalayan ultrahigh-pressure eclogites and their retrogressed counterparts, Kaghan Valley, Pakistan. <i>Lithos</i> , 2019, 344-345, 86-99.	1.4	3
304	High-pressure eclogite facies metamorphism and decompression melting recorded in paleoproterozoic accretionary wedge adjacent to probable ophiolite from Itaguara (southern São Francisco Craton -) Tj ETQq0 0 0 gBT /Overlock 10 Tf 5	1.4	17
305	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.	1.4	17
306	New evidence for the prograde and retrograde PT-path of high-pressure granulites, Moldanubian Zone, Lower Austria, by Zr-in-rutile thermometry and garnet diffusion modelling. <i>Lithos</i> , 2019, 342-343, 420-439.	1.4	18
307	Tectonic and sediment provenance evolution of the South Eastern Pyrenean foreland basins during rift margin inversion and orogenic uplift. <i>Tectonophysics</i> , 2019, 765, 226-248.	2.2	25
308	The Proto-Zagros Foreland Basin in Lorestan, Western Iran: Insights From Multimineral Detrital Geothermochronometric and Trace Elemental Provenance Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2657-2680.	2.5	14
309	The Mechanism of Disordered Graphite Formation in UHP Diamond-Bearing Complexes. <i>Doklady Earth Sciences</i> , 2019, 484, 84-88.	0.7	1
310	Geochronology and trace element mobility in rutile from a Carboniferous syenite pegmatite and the role of halogens. <i>American Mineralogist</i> , 2019, 104, 501-513.	1.9	16
311	An experimentally calibrated thermobarometric solubility model for titanium in coesite (Titanic). <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	11

#	ARTICLE	IF	CITATIONS
312	Benefits of a Multiproxy Approach to Detrital Mineral Provenance Analysis: An Example from the Merrimack River, New England, USA. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1557-1573.	2.5	14
313	Thermotectonic Evolution of the North Pyrenean Agly Massif During Early Cretaceous Hyperextension Using Multi- U-Pb Thermochronometry. <i>Tectonics</i> , 2019, 38, 1509-1531.	2.8	28
314	Slow cooling versus episodic fluid injections: Deciphering the Caledonian orogeny in Vestvågøy, Lofoten islands, Norway. <i>Journal of Metamorphic Geology</i> , 2019, 37, 769-793.	3.4	5
315	Testing the fidelity of thermometers at ultrahigh temperatures. <i>Journal of Metamorphic Geology</i> , 2019, 37, 917-934.	3.4	24
316	P - T evolution and episodic zircon growth in barroisite eclogites of the Lanterman Range, northern Victoria Land, Antarctica. <i>Journal of Metamorphic Geology</i> , 2019, 37, 509-537.	3.4	15
317	Metamorphic constraints on the tectonic evolution of the High Himalaya in Nepal: the art of the possible. <i>Geological Society Special Publication</i> , 2019, 483, 325-375.	1.3	38
318	An anticlockwise P - T path at high pressure, high temperature conditions for a migmatitic gneiss from the island of Fjelltoft, Western Gneiss Region, Norway, indicates two burial events during the Caledonian orogeny. <i>Journal of Metamorphic Geology</i> , 2019, 37, 567-588.	3.4	20
319	Integrated garnet and zircon-titanite geochronology constrains the evolution of ultrahigh pressure terranes: An example from the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2019, 37, 611-631.	3.4	4
320	Metamorphic pressure-temperature conditions of the Lützow-Holm Complex of East Antarctica deduced from Zr-in-rutile geothermometer and Al_2SiO_5 minerals enclosed in garnet. <i>Journal of Mineralogical and Petrological Sciences</i> , 2019, 114, 267-279.	0.9	14
321	Crystallization sequences of coexisting andalusite, kyanite, and sillimanite, and a report on a new locality: Lesjaverk, Norway. <i>European Journal of Mineralogy</i> , 2019, 31, 731-737.	1.3	4
322	Al and Si diffusion in rutile. <i>American Mineralogist</i> , 2019, 104, 1638-1649.	1.9	11
323	Coupled Zircon-Rutile U-Pb Chronology: LA ICP-MS Dating, Geological Significance and Applications to Sediment Provenance in the Eastern Himalayan-Indo-Burman Region. <i>Geosciences (Switzerland)</i> , 2019, 9, 467.	2.2	9
324	Reconstruction the Process of Partial Melting of the Retrograde Eclogite from the North Qaidam, Western China: Constraints from Titanite U-Pb Dating and Mineral Chemistry. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1166-1177.	3.2	8
325	Tectonic implications of P-T paths derived for garnet-bearing felsic gneisses from the Dabie and Sulu ultrahigh pressure terranes, east-central China. <i>Numerische Mathematik</i> , 2019, 319, 788-817.	1.4	5
326	Interpretation and significance of combined trace element and U-Pb isotopic data of detrital rutile: a case study from late Ordovician sedimentary rocks of Saxo-Thuringia, Germany. <i>International Journal of Earth Sciences</i> , 2019, 108, 1-25.	1.8	14
327	Neoproterozoic evolution and Cambrian reworking of ultrahigh temperature granulites in the Eastern Ghats Province, India. <i>Journal of Metamorphic Geology</i> , 2019, 37, 977-1006.	3.4	21
328	High-spatial resolution dating of monazite and zircon reveals the timing of subduction-exhumation of the Vaimok Lens in the Seve Nappe Complex (Scandinavian Caledonides). <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	36
329	Garnet Lu Hf geochronology and P-T path of the Gridino-type eclogite in the Belomorian Province, Russia. <i>Lithos</i> , 2019, 326-327, 313-326.	1.4	24

#	ARTICLE	IF	CITATIONS
330	Neoproterozoic hydrothermal activity in the West Australian Craton related to Rodinia assembly or breakup?. <i>Gondwana Research</i> , 2019, 68, 1-12.	6.0	20
331	Unravelling complex geologic histories using U–Pb and trace element systematics of titanite. <i>Chemical Geology</i> , 2019, 504, 105-122.	3.3	46
332	Geochronology and Zr-in-rutile thermometry of high-pressure/low temperature metamorphic rocks from the Bantimala complex, SW Sulawesi, Indonesia. <i>Lithos</i> , 2019, 324-325, 340-355.	1.4	15
333	The Devonian back-arc basin and Triassic arc-continent collision along the Imjingang belt in the Korean Peninsula and their tectonic meaning. <i>Lithos</i> , 2019, 328-329, 276-296.	1.4	19
334	Mineral Geothermobarometry. <i>Springer Geology</i> , 2019, , 55-82.	0.3	2
335	Anticlockwise P-T evolution of amphibolites from NE Sardinia, Italy: Geodynamic implications for the tectonic evolution of the Variscan Corsica-Sardinia block. <i>Lithos</i> , 2019, 324-325, 763-775.	1.4	12
336	Relics of a Paleoproterozoic orogen: New petrological, phase equilibria and geochronological studies on high-pressure pelitic granulites from the Pingdu-Laiyang areas, southwest of the Jiaobei terrane, North China Craton. <i>Precambrian Research</i> , 2019, 322, 136-159.	2.7	30
337	Melt Impregnation of Mantle Peridotite Facilitates High-Temperature Hydration and Mechanical Weakening: Implications for Oceanic Detachment Faults. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 84-108.	2.5	6
338	A new record of deeper and colder subduction in the Acatlán complex, Mexico: Evidence from phase equilibrium modelling and Zr-in-rutile thermometry. <i>Lithos</i> , 2019, 324-325, 551-568.	1.4	11
339	Diffusion of Zr, Hf, Nb and Ta in rutile: effects of temperature, oxygen fugacity, and doping level, and relation to rutile point defect chemistry. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 311-332.	0.8	25
340	Miocene UHT granulites from Seram, eastern Indonesia: a geochronological REE study of zircon, monazite and garnet. <i>Geological Society Special Publication</i> , 2019, 478, 167-196.	1.3	6
341	Evolution of the Palaeotethys in the Eastern Mediterranean: a multi-method approach to unravel the age, provenance and tectonic setting of the Upper Palaeozoic Konya Complex and its Mesozoic cover sequence (south-central Turkey). <i>International Geology Review</i> , 2020, 62, 389-414.	2.1	12
342	Petrogenesis and tectonic significance of Neoproterozoic meta-basites and meta-granitoids within the central Dabie UHP zone, China: Geochronological and geochemical constraints. <i>Gondwana Research</i> , 2020, 78, 1-19.	6.0	15
343	Permian ultrahigh-temperature reworking in the southern Chinese Altai: Evidence from petrology, P–T estimates, zircon and monazite U–Th–Pb geochronology. <i>Gondwana Research</i> , 2020, 78, 20-40.	6.0	26
344	The effects of age on cerebral responses to self-initiated actions during social interactions: An exploratory study. <i>Behavioural Brain Research</i> , 2020, 378, 112301.	2.2	5
345	Microstructurally controlled trace element (Zr, U–Pb) concentrations in metamorphic rutile: An example from the amphibolites of the Bergen Arcs. <i>Journal of Metamorphic Geology</i> , 2020, 38, 103-127.	3.4	17
346	RMJG Rutile: A New Natural Reference Material for Microbeam U–Pb Dating and Hf Isotopic Analysis. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 133-145.	3.1	24
347	Evidence for UHP anatexis in the Shuanghe UHP paragneiss from inclusions in clinozoisite, garnet, and zircon. <i>Journal of Metamorphic Geology</i> , 2020, 38, 129-155.	3.4	12

#	ARTICLE	IF	CITATIONS
348	Concordant pulse in Mn, Y and HREEs concentrations during UHP eclogitic garnet growth: Transient rock dynamics along a cold subduction plate interface. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115908.	4.4	18
349	Subduction channel fluid-rock interaction: Indications from rutile-quartz veins within eclogite from the Yuka terrane, North Qaidam orogen. <i>Geoscience Frontiers</i> , 2020, 11, 635-650.	8.4	9
350	Comments to "high-pressure eclogite facies metamorphism and decompression melting recorded in Paleoproterozoic accretionary wedge adjacent to probable ophiolite from Itaguara (southern São Paulo) Brazil / Overlook 10 Tf 5		
351	Microstructural controls on the chemical heterogeneity of cassiterite revealed by cathodoluminescence and elemental X-ray mapping. <i>American Mineralogist</i> , 2020, 105, 58-76.	1.9	8
352	Deciphering the metamorphic architecture and magmatic patterns of large hot orogens: Insights from the central Grenville Province. <i>Gondwana Research</i> , 2020, 80, 385-409.	6.0	12
353	Paleoproterozoic amphibolite facies retrogression and exhumation of Archean metapelitic granulites in the Southern Marginal Zone of the Limpopo Belt, South Africa. <i>Precambrian Research</i> , 2020, 337, 105532.	2.7	7
354	A unique Paleoproterozoic HP-UHT metamorphic event recorded by the Bengbu mafic granulites in the southwestern Jiao-Liao-Ji Belt, North China Craton. <i>Gondwana Research</i> , 2020, 80, 244-274.	6.0	21
355	Geochemistry of high-pressure to ultrahigh-pressure granitic melts produced by decompressional melting of deeply subducted continental crust in the Sulu orogen, east-central China. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 288, 214-247.	3.9	16
356	Four-dimensional thermal evolution of the East African Orogen: accessory phase petrochronology of crustal profiles through the Tanzanian Craton and Mozambique Belt, northeastern Tanzania. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	14
357	Active crustal differentiation beneath the Rio Grande Rift. <i>Nature Geoscience</i> , 2020, 13, 758-763.	12.9	30
358	The distinct metamorphic stages and structural styles of the 1.94-1.86 Ga Snowbird Orogen, Northwest Territories, Canada. <i>Journal of Metamorphic Geology</i> , 2020, 38, 963-992.	3.4	9
359	Temporal variation of titanite morphology and chemistry in a long-lived shear zone: The Clarke Head syenite in the Minas Fault Zone, Nova Scotia. <i>Lithos</i> , 2020, 372-373, 105670.	1.4	1
360	Accessory Mineral Eu Anomalies in Suprasolidus Rocks: Beyond Feldspar. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009052.	2.5	23
361	Geologic field evidence for non-lithostatic overpressure recorded in the North American Cordillera hinterland, northeast Nevada. <i>Geoscience Frontiers</i> , 2022, 13, 101099.	8.4	16
362	SIMS U-Pb dating of vein-hosted hydrothermal rutile and carbon isotope of fluids in the Wulong lode gold deposit, NE China: Linking gold mineralization with craton destruction. <i>Ore Geology Reviews</i> , 2020, 127, 103838.	2.7	23
363	Evolution of a gneiss in the Seve nappe complex of central Sweden - Hints at an early Caledonian, medium-pressure metamorphism. <i>Lithos</i> , 2020, 376-377, 105746.	1.4	11
364	Zircon from diamondiferous kyanite gneisses of the Kokchetav massif: Revealing growth stages using an integrated cathodoluminescence, Raman spectroscopy and electron microprobe approach. <i>Mineralogical Magazine</i> , 2020, 84, 949-958.	1.4	2
365	A refined zirconium-in-rutile thermometer. <i>American Mineralogist</i> , 2020, 105, 963-971.	1.9	66

#	ARTICLE	IF	CITATIONS
366	Cambrian eclogite-facies metamorphism in the central Transantarctic Mountains, East Antarctica: Extending the record of early Palaeozoic high-pressure metamorphism along the eastern Gondwanan margin. <i>Lithos</i> , 2020, 366-367, 105571.	1.4	9
367	Compositional modification and trace element decoupling in rutile: Insight from the Capricorn Orogen, Western Australia. <i>Precambrian Research</i> , 2020, 345, 105772.	2.7	13
368	Muztaghata Dome Miocene Eclogite Facies Metamorphism: A Record of Lower Crustal Evolution of the NE Pamir. <i>Tectonics</i> , 2020, 39, e2019TC005917.	2.8	12
369	Temperature-dependent Rutile Solubility in Garnet and Clinopyroxene from Mantle Eclogite: Implications for Continental Crust Formation and V-based Oxybarometry. <i>Journal of Petrology</i> , 2020, 61, .	2.8	11
370	Reevaluation of P-T paths from zoned garnet in light of quartz inclusion in garnet (QuiG) barometry. <i>Lithos</i> , 2020, 372-373, 105650.	1.4	14
371	Evidence for ultrahigh-pressure metamorphism discovered in the Appalachian orogen. <i>Geology</i> , 2020, 48, 947-951.	4.4	12
372	Geochemistry of rutile from the Pan-African Yaoundé metamorphic group: Implications for provenance and conditions of formation. <i>Journal of African Earth Sciences</i> , 2020, 170, 103912.	2.0	8
373	Heavy minerals as provenance indicator in glaciogenic successions: An example from the Palaeozoic of Ethiopia. <i>Journal of African Earth Sciences</i> , 2020, 165, 103813.	2.0	6
374	Hercynian anatexis in the envelope of the Beni Bousera peridotites (Alboran Domain, Morocco): Implications for the tectono-metamorphic evolution of the deep crustal roots of the Mediterranean region. <i>Gondwana Research</i> , 2020, 83, 157-182.	6.0	27
375	Decoupling between Ti-Zircon and Zr-rutile thermometry during ultrahigh temperature metamorphism of the Dabie Orogen, China. <i>Geological Journal</i> , 2020, 55, 6442-6449.	1.3	2
376	Challenges to rutile-based geoscientific tools: low-temperature polymorphic TiO ₂ transformations and corresponding reactive pathways. <i>Scientific Reports</i> , 2020, 10, 7445.	3.3	7
377	Thermobarometric constraints on burial and exhumation of 2-billion-year-old eclogites and their metapelitic hosts. <i>Precambrian Research</i> , 2020, 347, 105833.	2.7	8
378	The Main Central Thrust zone along the Alaknanda and Dhauliganga valleys (Garhwal Himalaya, NW India). <i>Tectonics</i> , 2020, 39, e2019TC005917.	1.4	12
379	Discovery of kyanite in typically cordierite/sillimanite-bearing low- to medium-pressure pelitic granulites from the Jiaobei terrain, North China Craton. <i>Precambrian Research</i> , 2020, 342, 105677.	2.7	17
381	Polyphase Zircon Growth during Slow Cooling from Ultrahigh Temperature: an Example from the Archean Pikwitonei Granulite Domain. <i>Journal of Petrology</i> , 2020, 61, .	2.8	12
382	Rutile as a pathfinder for metals exploration. <i>Ore Geology Reviews</i> , 2020, 120, 103406.	2.7	24
383	Deep crustal source of gneiss dome revealed by eclogite in migmatite (Montagne Noire, French Massif Central). <i>Tectonics</i> , 2020, 39, e2019TC005917.	3.4	20
384	Metamorphic P-T paths and Zircon-U-Pb ages of Archean ultrahigh temperature paragneisses from the Qianan gneiss dome, East Hebei terrane, North China Craton. <i>Journal of Metamorphic Geology</i> , 2020, 38, 329-356.	3.4	32

#	ARTICLE	IF	CITATIONS
385	In situ rutile U-Pb dating based on zircon calibration using LA-ICP-MS, geological applications in the Dabie orogen, China. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104261.	2.3	24
386	Unraveling the origin of the Parnaíba Basin: Testing the rift to sag hypothesis using a multi-proxy provenance analysis. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102625.	1.4	6
387	Rutile records for the cooling history of the Trans-North China orogen from assembly to break-up of the Columbia supercontinent. <i>Precambrian Research</i> , 2020, 346, 105763.	2.7	10
388	Variscan eclogites from the Argentera-Mercantour Massif (External Crystalline Massifs, SW Alps): a dismembered cryptic suture zone. <i>International Journal of Earth Sciences</i> , 2020, 109, 1273-1294.	1.8	16
389	Widespread poly-metamorphosed Archean granitoid gneisses and supracrustal enclaves of the southern Inukjuak Domain, Québec (Canada). <i>Lithos</i> , 2020, 364-365, 105520.	1.4	8
390	Zirconium in rutile thermometry from garnet granulites of the Jijal complex of Kohistan arc, NW Himalaya. <i>Journal of Mineralogical and Petrological Sciences</i> , 2020, 115, 152-161.	0.9	2
391	Coupling of P-T-t histories of eclogite and metagreywacke: Insights to late Ordovician-Silurian crustal folding events recorded in the Beishan Orogen (NW China). <i>Journal of Metamorphic Geology</i> , 2020, 38, 555-591.	3.4	10
392	U-Pb Zircon Dating of Migmatitic Paragneisses and Garnet Amphibolite from the High Pressure Seve Nappe Complex in Kittelfjäll, Swedish Caledonides. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 295.	2.0	6
393	Late Cenozoic drainage reorganization of the paleo-Yangtze river constrained by multi-proxy provenance analysis of the Paleo-lake Xigeda. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 199-211.	3.3	21
394	Constraining the links between the Himalayan belt and the Central Myanmar Basins during the Cenozoic: An integrated multi-proxy detrital geochronology and trace-element geochemistry study. <i>Geoscience Frontiers</i> , 2021, 12, 657-676.	8.4	15
395	Local Rapid Exhumation and Fast Cooling in a Long-lived Paleoproterozoic Orogeny. <i>Journal of Petrology</i> , 2021, 61, .	2.8	5
396	The metamorphic PT history of Precambrian Belomorian eclogites (Shirokaya Salma), Russia. <i>Journal of Metamorphic Geology</i> , 2021, 39, 363-389.	3.4	4
397	Variscan ultrahigh-pressure eclogite in the Upper Allochthon of the Rhodope Metamorphic Complex (Bulgaria). <i>Terra Nova</i> , 2021, 33, 174-183.	2.1	5
398	Integrated detrital rutile and zircon provenance reveals multiple sources for Cambrian sandstones in North Gondwana. <i>Earth-Science Reviews</i> , 2021, 213, 103462.	9.1	26
399	Delineation of multiple metamorphic events in the Himalayan Kathmandu Complex, central Nepal. <i>Journal of Metamorphic Geology</i> , 2021, 39, 443-472.	3.4	10
400	Evidence of two metamorphic cycles preserved in garnet from felsic granulite in the southern Variscan belt of Corsica, France. <i>Lithos</i> , 2021, 380-381, 105919.	1.4	6
401	Metapelite from the high- to ultrahigh-pressure terrane of the Eastern Alps (Pohorje Mountains). <i>Journal of Metamorphic Geology</i> , 2021, 39, 695-726.	3.4	10
402	The ²⁸ Ga eclogites of Central Tanzania: Directly linking age and metamorphism. <i>Lithos</i> , 2021, 380-381, 105890.	1.4	8

#	ARTICLE	IF	CITATIONS
403	Thermobarometric and geochronologic constraints on the emplacement of the Neoproterozoic Evate carbonatite during exhumation of the Monapo granulite complex, Mozambique. <i>Lithos</i> , 2021, 380-381, 105883.	1.4	3
404	Assessing P variability in mÅlange blocks from the Catalina Schist: Is there differential movement at the subduction interface?. <i>Journal of Metamorphic Geology</i> , 2021, 39, 271-295.	3.4	15
405	Hybrid phase equilibria modelling with conventional and trace element thermobarometry to assess the P - T evolution of UHT granulites: An example from the Highland Complex, Sri Lanka. <i>Journal of Metamorphic Geology</i> , 2021, 39, 209-246.	3.4	7
406	Principle and geological applicability of the Raman elastic geothermobarometry for mineral inclusion systems. <i>Acta Petrologica Sinica</i> , 2021, 37, 974-984.	0.8	1
407	Gore Mountain Garnet Amphibolite Records UHT Conditions: Implications for the Rheology of the Lower Continental Crust during Orogenesis. <i>Journal of Petrology</i> , 2021, 62, .	2.8	10
408	The pressure-temperature-time-deformation history of the Beni Mzala unit (Upper Sebides, Rif belt,) Tj ETQq1 1 0.784314 rgBT Mediterranean. <i>Journal of Metamorphic Geology</i> , 2021, 39, 591-615.	3.4	16
409	Construction of P - T paths for eclogite in the Tongbai orogen by combining phase equilibria modelling with zircon inclusion composition. <i>Journal of Metamorphic Geology</i> , 2021, 39, 947-976.	3.4	5
410	De Kraalen and Witrivier Greenstone Belts, Kaapvaal Craton, South Africa: Characterisation of the Palaeo-Mesoarchaeon evolution by rutile and zircon U-Pb geochronology combined with Hf isotopes. <i>South African Journal of Geology</i> , 2021, 124, 17-36.	1.2	2
411	Dual-emitting phosphor Sr ₄ Al ₁₄ O ₂₅ :Eu ²⁺ /3+ prepared in air for ratiometric temperature sensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 12608-12615.	2.2	3
412	Carboniferous high- P metamorphism and deformation in the Belledonne Massif (Western Alps). <i>Journal of Metamorphic Geology</i> , 2021, 39, 1009-1044.	3.4	12
413	Using the elastic properties of zircon-garnet host-inclusion pairs for thermobarometry of the ultrahigh-pressure Dora-Maira whiteschists: problems and perspectives. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	17
414	Pronounced and rapid exhumation of the Connecticut Valley Trough revealed through quartz in garnet Raman barometry and diffusion modelling of garnet dissolution-reprecipitation reactions. <i>Journal of Metamorphic Geology</i> , 2021, 39, 1045-1069.	3.4	10
415	HP-UHP eclogites in the East Kunlun Orogen, China: P - T evidence for asymmetric suturing of the Proto-Tethys Ocean. <i>Gondwana Research</i> , 2022, 104, 199-214.	6.0	12
416	Zircon petrochronology and mineral equilibria of the eclogites from western Tasmania: Interrogating the early Palaeozoic East Gondwana subduction record. <i>Gondwana Research</i> , 2021, 93, 252-274.	6.0	5
417	Trace element and isotopic zoning of garnetite veins in amphibolitized eclogite, Franciscan Complex, California, USA. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	5
418	Rutile Mineral Chemistry and Zr-in-Rutile Thermometry in Provenance Study of Albian (Uppermost) Tj ETQq1 1 0.784314 rgBT /Overlook Minerals (Basel, Switzerland), 2021, 11, 553.	2.0	4
419	Unravelling metamorphic ages of suture zone rocks from the Sabzevar and Makran areas (Iran): Robust age constraints for the larger Arabia-Eurasian collision zone. <i>Journal of Metamorphic Geology</i> , 2021, 39, 1099-1129.	3.4	8
420	An early high-pressure history preceded pelitic ultrahigh-temperature granulite formation in the Tuguiwula area, Khondalite Belt, North China Craton. <i>Precambrian Research</i> , 2021, 357, 106123.	2.7	10

#	ARTICLE	IF	CITATIONS
421	Late Variscan (315 Ma) subduction or deceptive zircon REE patterns and U–Pb dates from migmatite-hosted eclogites? (Montagne Noire, France). <i>Journal of Metamorphic Geology</i> , 2022, 40, 39-65.	3.4	13
422	H ₂ O-fluxed melting of eclogite during exhumation: an example from the eclogite type-locality, Eastern Alps (Austria). <i>Lithos</i> , 2021, 390-391, 106118.	1.4	7
423	Testing Trace-Element Distribution and the Zr-Based Thermometry of Accessory Rutile from Chromitite. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 661.	2.0	2
424	Deep subduction, melting, and fast cooling of metapelites from the Cima Lunga Unit, Central Alps. <i>Journal of Metamorphic Geology</i> , 2022, 40, 121-143.	3.4	5
425	Metamorphic PT path, U-Pb zircon dating and tectonic implications of High-pressure Pelitic Granulites from the Kharta region, Southern Tibet, China. <i>Gondwana Research</i> , 2022, 104, 23-38.	6.0	4
426	The contribution of elastic geothermobarometry to the debate on HP versus UHP metamorphism. <i>Journal of Metamorphic Geology</i> , 2022, 40, 229-242.	3.4	18
427	Garnet perspectives on the metamorphic history and tectonic significance of Paleoproterozoic high-pressure mafic granulites from the northern Hengshan, North China Craton. <i>Lithos</i> , 2021, 394-395, 106139.	1.4	3
428	Rutile in diamondiferous metamorphic rocks: New insights from trace-element composition, mineral/fluid inclusions, and U-Pb ID-TIMS dating. <i>Lithos</i> , 2021, 394-395, 106172.	1.4	7
429	High-pressure, halogen-bearing melt preserved in ultrahigh-temperature felsic granulites of the Central Maine Terrane, Connecticut (U.S.A.). <i>American Mineralogist</i> , 2021, 106, 1225-1236.	1.9	15
430	Garnet and Rutile Mineral Chemistry and Zircon U-Pb Ages of Modern River Sand along the Western East African Rift (Albertine Rift, Uganda). <i>Journal of Geology</i> , 0, , 000-000.	1.4	1
431	Detrital rutile tracks the first appearance of subduction zone low T/P paired metamorphism in the Palaeoproterozoic. <i>Earth and Planetary Science Letters</i> , 2021, 570, 117069.	4.4	15
432	Rutile and Chlorite Geochemistry Constraints on the Formation of the Tuwu Porphyry Cu Deposit, Eastern Tianshan and Its Exploration Significance. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 968.	2.0	2
433	Rutile in Amphibolite Facies Metamorphic Rocks: A Rare Example from the East Qinling Orogen, China. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8756.	2.5	4
434	Petrochronology of hydrothermal rutile in mineralized porphyry Cu systems. <i>Chemical Geology</i> , 2021, 581, 120407.	3.3	12
435	Constraints of rare detrital V-rich tourmaline and rutile on late Devonian palaeogeographic reconstruction in the Azarbaijan district, NW Iran. <i>Journal of Asian Earth Sciences</i> , 2021, 221, 104943.	2.3	1
436	Reply to the comment by Klonowska et al. on the paper "Evolution of a gneiss in the Seve nappe complex of central Sweden" Hints at an early Caledonian, medium-pressure metamorphism" by. <i>Lithos</i> , 2021, 400-401, 106384.	1.4	0
437	Ultra-High Pressure Metamorphism and Geochronology of Garnet Clinopyroxenite in the Paleozoic Dunhuang Orogenic Belt, Northwestern China. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 117.	2.0	3
438	Thermobarometry Gone Astray. , 2009, , 101-133.		7

#	ARTICLE	IF	CITATIONS
439	Cenozoic ultrahigh-temperature metamorphism in pelitic granulites from the Mogok metamorphic belt, Myanmar. <i>Science China Earth Sciences</i> , 2021, 64, 1873-1892.	5.2	9
440	Two generations of Variscan garnet: Implications from a petrochronological study of a high-grade Avalonia-derived paragneiss from the Drosendorf unit, Bohemian Massif. <i>Gondwana Research</i> , 2020, 85, 124-148.	6.0	13
441	In-sequence buoyancy extrusion of the Himalayan Metamorphic Core, central Nepal: Constraints from monazite petrochronology and thermobarometry. <i>Journal of Asian Earth Sciences</i> , 2020, 199, 104406.	2.3	12
442	Provenance study of detrital garnets and rutiles from basaltic pyroclastic rocks of Southern Slovakia (Western Carpathians). <i>Geologica Carpathica</i> , 2018, 69, 17-29.	0.7	4
443	Ultra-high temperature metamorphism in the GuaxupÃ© Complex: a lower crust segment. <i>Brazilian Journal of Geology</i> , 2020, 50, .	0.7	2
444	Progress and challenge of electron probe microanalysis technique. <i>Acta Petrologica Sinica</i> , 2019, 35, 261-274.	0.8	5
445	Brittle Deformation During Eclogitization of Early Paleozoic Blueschist. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	14
446	Partial melting of zoisite eclogite from the Sanddal area, North-East Greenland Caledonides. <i>European Journal of Mineralogy</i> , 2020, 32, 405-425.	1.3	10
447	Early Cretaceous partial melting recorded by pelitic gneiss from the Nagasaki Metamorphic Complex, western Kyushu, Japan: initiation of Cretaceous high-T metamorphism at eastern margin of Eurasia. <i>International Geology Review</i> , 0, , 1-28.	2.1	0
448	Petrochronology of high-pressure granulite facies rocks from Southern BrasÃ©lia Orogen, SE Brazil: Combining quantitative compositional mapping, single-element thermometry and geochronology. <i>Journal of Metamorphic Geology</i> , 2022, 40, 517-552.	3.4	9
449	Older orogens cooled slower: new constraints on Orosirian tectonics from garnet diffusion modeling of metamorphic timescales, Jiaobei terrain, North China Craton. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	9
450	Constraints on the post-Variscan thermal evolution of the Ivrea crustal section (Italian-Swiss Alps) from U Pb dating of relict rutile in middle crust amphibolites. <i>Lithos</i> , 2021, 406-407, 106500.	1.4	0
451	Texture and Trace Element Composition of Rutile in Orogenic Gold Deposits. <i>Economic Geology</i> , 2021, 116, 1865-1892.	3.8	18
452	KazdaÄ Masifiâ€™nde (Biga YarÃ±madasÃ±) Yer Alan Meta-Ofiyolitik KayalarÃ±n TitaniQ Termometresi ve Rutil Äz Element BileÄyimi. TÃ¼rkiye Jeoloji BÃ¼lteni / Geological Bulletin of Turkey, 2016, 59, 131-154.	0.0	1
453	PROVENANCE AREA OF PRECAMBRIAN QUARTZITE-SCHIST SEQUENCES OF THE KOKCHETAV MASSIF (NORTH) Tj ETQq0 0 0 rgBT /Over	0.2	0
455	Geochemistry and age of detrital rutile from diamondiferous conglomerates and sandstones of the Bilokorovychi Suite (North-Western region of the Ukrainian Shield). <i>Geochemistry and Ore Formation</i> , 2018, 39, 66-76.	0.3	0
456	Sulfide Minerals as Potential Tracers of Isochemical Processes in Contact Metamorphism: Case Study of the Kochumdek Aureole, East Siberia. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 17.	2.0	5
457	Provenance reconstructions. Article 3. Modern research methods for heavy detrital minerals (garnet,) Tj ETQq1 1 0.784314 rgBT /Over	0.3	2

#	ARTICLE	IF	CITATIONS
458	U-Pb geochronology of rutile: deciphering the cooling history of the Oaxacan Complex granulites, southern Mexico. <i>Revista Mexicana De Ciencias Geologicas</i> , 2020, 37, 135-145.	0.4	3
459	From microanalysis to supercontinents: Insights from the Rio Apa Terrane into the Mesoproterozoic SW Amazonian Craton evolution during Rodinia assembly. <i>Journal of Metamorphic Geology</i> , 2022, 40, 631-663.	3.4	16
460	Aluminum solubility in rutile (TiO ₂). <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.8	4
461	Dating Continental Subduction Beneath the Samail Ophiolite: Garnet, Zircon, and Rutile Petrochronology of the As Sifah Eclogites, NE Oman. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022715.	3.4	9
462	The slab-mantle wedge interface of an incipient subduction zone: Insights from the P-T-t evolution and petrological characteristics of the Dalrymple Amphibolite, Palawan Ophiolite, Philippines. <i>Journal of Metamorphic Geology</i> , 0, .	3.4	1
463	Mobilization and fractionation of Ti-Nb-Ta during exhumation of deeply subducted continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 319, 271-295.	3.9	10
464	Metamorphism of retroeclogites from the Passos Nappe, Southern Braslia Orogen. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103625.	1.4	2
465	Prolonged metamorphism of garnet-orthoamphibole gneisses from the Fuyun area: New insights into metamorphic evolution of the southern Chinese Altai orogen. <i>Lithos</i> , 2021, 406-407, 106534.	1.4	1
466	Eclogite with unusual atoll garnet from the southern Armorican Massif, France: Pressure-temperature path and geodynamic implications. <i>Tectonophysics</i> , 2022, 823, 229183.	2.2	8
467	Contrasting P-T-t paths of basement and cover within the Bzios Orogen, SE Brazil â€“ Tracking Ediacaran-Cambrian subduction zones. <i>Precambrian Research</i> , 2022, 368, 106479.	2.7	7
468	The provenance of late Cenozoic East Asian Red Clay: Tectonic-metamorphic history of potential source regions and a novel combined zircon-rutile approach. <i>Earth-Science Reviews</i> , 2022, 225, 103909.	9.1	9
469	Chemistry and mineralogy of Zr- and Ti-rich minerals sourced from Coxs Bazar beach placer deposits, Bangladesh: Implication of resources processing and evaluation. <i>Ore Geology Reviews</i> , 2022, 141, 104687.	2.7	11
470	Tectonothermal transition from continental collision to post-collision: Insights from eclogites overprinted in the ultrahigh-temperature granulite facies (Yadong region, central Himalaya). <i>Journal of Metamorphic Geology</i> , 2022, 40, 955-981.	3.4	8
471	Two Contrasting Exhumation Scenarios of Deeply Subducted Continental Crust in North Pakistan. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
472	TitaniQ revisited: expanded and improved Ti-in-quartz solubility model for thermobarometry. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	18
473	Timing of UHT metamorphism and cooling in south Indian granulites: New P-T-t results from a sapphirine granulite. <i>Precambrian Research</i> , 2022, 371, 106582.	2.7	6
474	Combined U-Pb/Hf isotopic studies and phase equilibrium modelling of HT-UHT metapelites from Kambam ultrahigh-temperature belt, south India: Constraints on tectonothermal history of the terrane. <i>Lithos</i> , 2021, 406-407, 106531.	1.4	10
475	Paleoproterozoic ultrahigh-temperature metamorphism in the Alxa Block, the Khondalite Belt, North China Craton: Petrology and phase equilibria of quartz-absent corundum-bearing pelitic granulites. <i>Journal of Metamorphic Geology</i> , 2022, 40, 1159-1187.	3.4	4

#	ARTICLE	IF	CITATIONS
476	Exhumation of deep continental crust in a transpressive regime: The example of Variscan eclogites from the Aiguilles-Rouges massif (Western Alps). <i>Journal of Metamorphic Geology</i> , 2022, 40, 1087-1120.	3.4	12
477	Nb and Ta intracrustal differentiation during granulite-facies metamorphism: Evidence from geochemical data of natural rocks and thermodynamic modeling. <i>American Mineralogist</i> , 2022, 107, 2020-2033.	1.9	1
478	Dislocations in minerals: Fast-diffusion pathways or trace-element traps?. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117517.	4.4	12
479	The sedimentary record of ultrahigh-pressure metamorphism: a perspective review. <i>Earth-Science Reviews</i> , 2022, 227, 103985.	9.1	6
480	Protracted Subduction of the European Hyperextended Margin Revealed by Rutile U-Pb Geochronology Across the Dora-Maira Massif (Western Alps). <i>Tectonics</i> , 2022, 41, .	2.8	18
481	Continental arc-derived eclogite in the Zavkhan Terrane, western Mongolia: Implications for the suture zone in the northern part of the Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2022, 229, 105150.	2.3	4
482	Pressure-Temperature Evolution of a Mylonitic Gneiss from the Lower Seve Nappe in the HandÅl Area, Central Sweden. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1496-1511.	3.2	2
483	Multiple sediment incorporation events in a continental magmatic arc: Insight from the metasedimentary rocks of the northern North Cascades, Washington (USA). , 2022, 18, 298-326.		2
484	Two-stage exhumation of deeply subducted continental crust: Insight from zircon, titanite, and apatite petrochronology, Sulu belt of eastern China. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 48-66.	3.3	9
485	The controls on the thermal evolution of continental mountain ranges. <i>Journal of Metamorphic Geology</i> , 2022, 40, 1235-1270.	3.4	5
488	Cretaceous thermal evolution of the closing Neo-Tethyan realm revealed by multi-method petrochronology. <i>Lithos</i> , 2022, 422-423, 106731.	1.4	3
489	Using detrital zircon and rutile to constrain sedimentary provenance of Early Paleozoic fluvial systems of the Araripe Basin, Western Gondwana. <i>Journal of South American Earth Sciences</i> , 2022, 116, 103821.	1.4	3
490	Weakening the lower crust: conditions, reactions and deformation. <i>Lithos</i> , 2022, 422-423, 106738.	1.4	2
491	Thermal regime of the lower crust in the eastern Khondalite Belt, North China Craton, constrained by Zr-in-rutile thermometry mapping. <i>Precambrian Research</i> , 2022, 377, 106720.	2.7	5
492	Mixing, fluid infiltration, leaching, and deformation (MILD) processes on the slab-mantle wedge interface at high T and P conditions: Records from the Dalrymple Amphibolite, Philippines. <i>Chemical Geology</i> , 2022, 604, 120941.	3.3	2
493	Titanite links rare-element (meta-)pegmatite mineralization to Caledonian metamorphism. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 285-306.	3.9	2
494	Multi-thermobarometry and microstructures reveal ultra-high temperature metamorphism in the Grenvillian Oaxacan Complex, Southern Mexico. <i>International Geology Review</i> , 2023, 65, 1331-1353.	2.1	1
495	Hydrous Alteration During Cooling of Mafic Intrusions: Insights from the Saint-Jean-Du-Doigt Intrusive Complex (Armorican Massif, France). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
496	Multi-episodic formation of baddeleyite and zircon in polymetamorphic anorthosite and rutile-bearing ilmenite from the Chiapas Massif Complex, Mexico. <i>Journal of Metamorphic Geology</i> , 2022, 40, 1493-1527.	3.4	2
497	Tectonic erosion and deep subduction in Central Tibet: Evidence from the discovery of retrograde eclogites in the Amdo microcontinent. <i>Journal of Metamorphic Geology</i> , 2022, 40, 1545-1572.	3.4	4
498	Metamorphic diamond from the northeastern margin of Gondwana: Paradigm shifting implications for one of Earth's largest orogens. <i>Science Advances</i> , 2022, 8, .	10.3	8
499	Neoproterozoic HP granulite and its tectonic implication for the East Kunlun Orogen, northern Tibetan Plateau. <i>Precambrian Research</i> , 2022, 378, 106778.	2.7	7
500	Origin and metamorphic evolution of Chachahe eclogites, North Qaidam UHP metamorphic Belt, NW China: Implications for fate of overriding plate material in subduction channel. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105331.	2.3	4
501	Hydrothermal fluid signatures of the Yulong porphyry Cu-Mo deposit: Clues from the composition and U-Pb dating of W-bearing rutile. <i>American Mineralogist</i> , 2023, 108, 1092-1108.	1.9	3
502	$\delta^{18}O$ records of Early Palaeozoic Andean-type shortening of a hot active margin: The Dunhuang block in NW China. <i>Journal of Metamorphic Geology</i> , 2023, 41, 59-96.	3.4	1
503	Trace element heterogeneity in rutile linked to dislocation structures: Implications for Zr rutile geothermometry. <i>Journal of Metamorphic Geology</i> , 2023, 41, 3-24.	3.4	3
504	The effect of supercritical fluids on Nb-Ta fractionation in subduction zones: Geochemical insights from a coesite-bearing eclogite-vein system. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 335, 23-55.	3.9	9
505	P-T path from garnet zoning in pelitic schist from NE Sardinia, Italy: Further constraints on the metamorphic and tectonic evolution of the north Sardinia Variscan belt. <i>Lithos</i> , 2022, 428-429, 106836.	1.4	3
506	Isothermal compression of an eclogite from the Western Gneiss Region (Norway). <i>Journal of Metamorphic Geology</i> , 2023, 41, 181-203.	3.4	8
507	A TRIASSIC OROGENIC GOLD MINERALIZATION EVENT IN THE PALEOPROTEROZOIC METAMORPHIC ROCKS: EVIDENCE FROM TWO TYPES OF RUTILE IN THE BAIYUN GOLD DEPOSIT, LIAODONG PENINSULA, NORTH CHINA CRATON. <i>Economic Geology</i> , 2022, 117, 1657-1673.	3.8	9
508	Characterization of the inverted metamorphic gradient of the Passos Nappe (SE-Brazil) based on multiple geothermobarometers. <i>Journal of South American Earth Sciences</i> , 2022, 119, 103993.	1.4	1
509	Age and Thermal History of Eclogites from Tulepsai Complex, Eastern Mugodzhur Range (Western Tianshan). <i>Journal of Metamorphic Geology</i> , 2022, 40, 1493-1527.	0.7	0
510	Reorganization of continent-scale sediment routing based on detrital zircon and rutile multi-proxy analysis. <i>Basin Research</i> , 2023, 35, 363-386.	2.7	3
511	Heat Transfer and Production in Cratonic Continental Crust: U-Pb Thermochronology of Xenoliths From the Siberian Craton. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
512	Ultrahigh-temperature metamorphism and melt inclusions from the Sør Rondane Mountains, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2022, 117, n/a.	0.9	6
513	Deformation induced decoupling between U-Pb and trace elements in titanite revealed through petrochronology and study of localized deformation. <i>Geoscience Frontiers</i> , 2023, 14, 101496.	8.4	6

#	ARTICLE	IF	CITATIONS
514	Growth and evolution of NE Australian continental crust interpreted from complex melting-hybridization histories of northern Queensland granulite xenoliths. <i>Gondwana Research</i> , 2023, 113, 163-178.	6.0	2
515	Orogenic eclogites record relative magnitude of deep crustal flow and extent of migmatite-eclogite interaction. <i>Lithos</i> , 2022, 434-435, 106917.	1.4	0
516	Metamorphic Evolution and Orogenic Process Related to the Eastern Paleo-Tethyan Warm Subduction and Indochina-South China Collision. <i>Journal of Petrology</i> , 2022, 63, .	2.8	1
517	Cold subduction recorded by the 1.9 Ga Salma eclogite in Belomorian Province (Russia). <i>Earth and Planetary Science Letters</i> , 2023, 602, 117930.	4.4	13
518	High-temperature alteration during cooling of mafic intrusions: Insights from the Saint-Jean-du-Doigt intrusive complex (Armorican Massif, France). <i>Lithos</i> , 2023, 436-437, 106977.	1.4	0
519	Protracted melt-present deformation during the Rigolet phase of the Grenvillian Orogeny. Insights from geochronology along the highway 117 transect through the Grenville Province in western Quebec, Canada. <i>Precambrian Research</i> , 2023, 384, 106939.	2.7	0
520	Nature and evolution of the lower crust under central Spain: Inferences from granulite xenoliths (Calatrava Volcanic Field-Spanish central system). <i>Geoscience Frontiers</i> , 2023, 14, 101525.	8.4	1
521	Repeated metamorphism in the pelitic granulites of the Hidaka metamorphic belt, Hokkaido, Japan: Implications for the formation of the present-day trench-basin system in NE Asia. <i>Journal of Metamorphic Geology</i> , 2023, 41, 425-448.	3.4	4
522	Repeated Caledonian burial and ultrafast cooling and exhumation of high-pressure granulite facies rocks from the Blåfjella Nappe on the island of Fjelltoft, Western Gneiss Region, Norway. <i>Journal of Metamorphic Geology</i> , 0, , .	3.4	0
523	On the interpretation of Titanium and Zircon thermobarometry in subduction complexes. <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	3.1	4
524	Detrital rutile: Records of the deep crust, ores and fluids. <i>Lithos</i> , 2023, 438-439, 107010.	1.4	7
525	A framework for quantitative in situ evaluation of coupled substitutions between H ⁺ and trace elements in natural rutile. <i>European Journal of Mineralogy</i> , 2023, 35, 243-265.	1.3	1
526	P-T-t reconstruction of a coesite-bearing retroeclogite reveals a new UHP occurrence in the Western Gondwana margin (NE-Brazil). <i>Lithos</i> , 2023, 446-447, 107138.	1.4	2
527	Neogene global climate change and East Asian dust sources: Combined rutile geochemistry and zircon U-Pb analysis from the northern Chinese Loess Plateau. <i>Global and Planetary Change</i> , 2023, 221, 104049.	3.5	3
528	Rutile Ages and Thermometry Along a Grenville Anorthosite Pathway. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	2.5	0
529	A rutile and titanite record of subduction fluids: Integrated oxygen isotope and trace element analyses in Franciscan high-pressure rocks. <i>Journal of Metamorphic Geology</i> , 0, , .	3.4	0
530	Multiple timings of garnet-forming high-grade metamorphism in the Neoproterozoic continental collision zone revealed by petrochronology in the Sør Rondane Mountains, East Antarctica. <i>Gondwana Research</i> , 2023, 119, 204-226.	6.0	3
531	Deciphering the nature and age of the protoliths and peak $P-T$ conditions in retrogressed mafic eclogites from the Maures-Tanneron Massif (SE France) and implications for the southern European Variscides. <i>Bulletin - Societe Geologique De France</i> , 2023, 194, 10.	2.2	1

#	ARTICLE	IF	CITATIONS
532	Mechanisms to generate ultrahigh-temperature metamorphism. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 298-318.	29.7	9
533	Current applications using key mineral phases in igneous and metamorphic geology: perspectives for the future. <i>Geological Society Special Publication</i> , 2024, 537, 57-121.	1.3	3
534	Petrocronologia de rochas metapelíticas: uma revisão de conceitos-chave. <i>Geologia USP - Serie Científica</i> , 2023, 23, 43-68.	0.3	0
535	An early cretaceous thermal event in the Sakar Unit (Strandja Zone, SE Bulgaria/NW Turkey) revealed based on U Pb rutile geochronology and Zr-in-rutile thermometry. <i>Lithos</i> , 2023, , 107186.	1.4	0
536	Thermal evolution of the lower crust beneath the Transantarctic Mountains. <i>Chemical Geology</i> , 2023, 631, 121504.	3.3	0
537	UHP eclogite from western Dabie records evidence of polycyclic burial during 4 continental subduction. <i>American Mineralogist</i> , 2023, , .	1.9	1
538	Cernox thermometer under hydrostatic pressure for enhanced temperature accuracy. <i>Review of Scientific Instruments</i> , 2023, 94, .	1.3	0
539	Complex geochronological record of an emblematic Variscan eclogite (Haut-Allier, French Massif) Tj ETQq1 1 0.784314 rgBT / Overlock	3.4	0
540	Exhumation of an Archean Granulite Terrane by Paleoproterozoic Orogenesis: Evidence from the North China Craton. <i>Journal of Petrology</i> , 2023, 64, .	2.8	2
541	Metamorphism and linked deformation in understanding tectonic processes at varied scales. <i>Comptes Rendus - Geoscience</i> , 2024, 356, 1-25.	1.2	0
542	A new type of saidenbachite with pseudomorphs after coesite phenocrysts from the northwestern Bohemian Massif, Germany. <i>Terra Nova</i> , 0, , .	2.1	0
543	Hydrothermal TiO ₂ polymorphs in a pyrite stratiform deposit: Lessons from a mineralogical and geochemical multiproxy record. <i>Chemical Geology</i> , 2023, 632, 121551.	3.3	1
544	Thermal Structure of the PaleoeContinental Subduction Zone: Insights From Quantitatively Constrained Prograde <i>P</i> Paths of Exhumed LT/UHP Eclogites in the Dabie Orogen. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	2.5	1
545	A review of detrital heavy mineral contributions to furthering our understanding of continental crust formation and evolution. <i>Geological Society Special Publication</i> , 2024, 537, 9-55.	1.3	1
546	Decompressional spinel + plagioclase symplectite from Tenmondai Rock, Holm Complex, East Antarctica: Implications for the garnet-aluminosilicate-spinel-plagioclase geobarometer. <i>Journal of Mineralogical and Petrological Sciences</i> , 2023, , .	0.9	2
547	High-pressure Low-temperature metamorphic rocks of Iran and their geodynamic significance: A review. <i>Journal of Geodynamics</i> , 2023, 157, 101986.	1.6	0
548	Geochronology, petrogenesis, and tectonic setting of amphibolitic rocks from the Tutak metamorphic Complex, Sanandaj-Sirjan Zone, Iran. <i>Journal of Asian Earth Sciences</i> , 2023, 255, 105764.	2.3	0
549	Was cratonic Asia deeply subducted beneath the Pamir? Evidence from <i>P</i> conditions and tectonic affinities of Cenozoic Pamir crustal xenoliths. <i>Journal of Metamorphic Geology</i> , 0, , .	3.4	0

#	ARTICLE	IF	CITATIONS
550	Pressure-temperature evolution of the basement and cover sequences on Ios, Greece: Evidence for subduction of the Hercynian basement. <i>Journal of Metamorphic Geology</i> , 0, , .	3.4	0
551	Constraining the evolution of shear zones in the Himalayan mid crust in Central-Western Nepal: implications for the tectonic evolution of the Himalayan metamorphic core. <i>Geological Magazine</i> , 2023, 160, 1262-1281.	1.5	1
552	U-Pb ID-TIMS Age of Rutile from the North Muya Block Eclogites (Northeastern Transbaikalian Area) as a Tracer of the Duration for Exhumation of the Continental Lithosphere. <i>Doklady Earth Sciences</i> , 0, , .	0.7	0
553	Different Cooling Histories of Ultrahigh-Temperature Granulites Revealed by Ti-in-Quartz: An Electron Microprobe Approach. <i>Crystals</i> , 2023, 13, 1116.	2.2	0
554	Early Cretaceous subduction of an oceanic plateau at the Northern Andes; geochemical, metamorphic, and cooling age constraints of the Raspas Metamorphic Complex. <i>Lithos</i> , 2023, 456-457, 107299.	1.4	0
555	Petrochronology of low-Al metapelites from Southernmost Brasília Orogen basement: Insights into the role of water-fluxed melting at low T and implications for U-Pb zircon geochronology. <i>Lithos</i> , 2023, 456-457, 107293.	1.4	0
556	A wealth of P-T information from metasediments in the HP-UHP terrane of the Pohorje Mountains, Slovenia, elucidates the evolution of the Eastern Alps. <i>Journal of Metamorphic Geology</i> , 2023, 41, 1167-1196.	3.4	2
557	Monazite in the eclogite and blueschist of the Svalbard Caledonides: its origin and forming-reactions. <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	3.1	1
558	Photoluminescence and ratiometric thermo-response of Eu ²⁺ and Eu ³⁺ in BaAl ₂ B ₂ O ₇ :Eu ²⁺ ,Eu ³⁺ phosphor materials. <i>Journal of Rare Earths</i> , 2023, , .	4.8	3
559	The Joining of North and South China During the Permian: Coherent Metamorphic Evidence From East Asia Orogenesis. <i>Tectonics</i> , 2023, 42, .	2.8	3
560	Metamorphic rocks with different pressure-temperature-time paths bounded by a ductile shear zone at Oyayubi ridge, Brattnipene, Sør Rondane Mountains, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2023, 118, n/a.	0.9	2
561	Some thoughts about eclogites and related rocks. <i>European Journal of Mineralogy</i> , 2023, 35, 523-547.	1.3	6
562	A systematic evaluation of titanite reference materials for optimizing trace element and U-Pb analysis by LA-ICP-MS. <i>Chemical Geology</i> , 2023, 636, 121635.	3.3	0
563	Proterozoic Deep Carbon Characterisation, Origin and the Role of Fluids during High-Grade Metamorphism of Graphite (Lofoten-Vesterålen Complex, Norway). <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 1279.	2.0	1
564	Trace element changes in rutile from quartzite through increasing <i>T</i> from lower amphibolite to eclogite facies conditions. <i>Geological Society Special Publication</i> , 2024, 537, .	1.3	1
565	Rutile's fiery brilliance. <i>Nature Geoscience</i> , 2023, 16, 764-765.	12.9	0
566	Al and H incorporation and Al-diffusion in natural rutile and its high-pressure polymorph TiO ₂ (II). <i>Geological Society Special Publication</i> , 2024, 537, .	1.3	1
567	Formation of low-pressure reaction textures during near-isothermal exhumation of hot orogenic crust (Bohemian Massif, Austria). <i>Journal of Metamorphic Geology</i> , 2024, 42, 3-34.	3.4	0

#	ARTICLE	IF	CITATIONS
569	Rutile U-Pb dating reveals the Oligocene age of the Dashuigou Te-Bi deposit and a contemporaneity with regional alkaline magmatism in Sanjiang region. <i>Ore Geology Reviews</i> , 2023, 162, 105704.	2.7	0
570	A modified paleoplacer model for the metaconglomerate-hosted gold deposits at Jacobina, Brazil. <i>Mineralium Deposita</i> , 2024, 59, 627-654.	4.1	0
571	Multiphase-solid fluid inclusions in HP-LT eclogite facies rock (Zavkhan Terrane, Western Mongolia): evidence for the evolution from saline to hypersaline fluids during metamorphism in subduction zone. <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	3.1	0
572	Formation of the eclogites of the Atbashi complex, Kyrgyzstan, in a subduction zone mÃ©lange diapir. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	0
573	Early Paleozoic extensional tectonics along Gondwanaâ€™s northern margin: Insights from Iran. <i>Gondwana Research</i> , 2024, 128, 106-126.	6.0	0
574	Beyond zircon fingerprinting: Zircon and TiO ₂ polymorphs constrain genealogy and evolution of the New Caledonian ophiolite. <i>Chemical Geology</i> , 2024, 644, 121841.	3.3	1
575	Metamorphic P-T-t path of Triassic eclogite from the Rongcheng region, eastern China: implications for the tectonic evolution of Sulu orogenic belt. <i>International Geology Review</i> , 0, , 1-23.	2.1	0
576	Early Jurassic initiation of the modern drainage pattern of the Dabie orogen (East China) revealed by a multiâ€™proxy provenance approach. <i>Basin Research</i> , 2024, 36, .	2.7	1
577	Geochemistry of rutiles from metamorphic rocks of Asenitsa and Arda Units, Central Rhodope, Bulgaria â€™ preliminary results. <i>Review of the Bulgarian Geological Society</i> , 2023, 84, 97-99.	0.3	0
578	Multi-phase quantitative compositional mapping by LA-ICP-MS: Analytical approach and data reduction protocol implemented in XMapTools. <i>Chemical Geology</i> , 2024, 646, 121895.	3.3	0
579	Detrital zircon and rutile geochronology, geochemistry and provenance of Cambrian sandstones of Iranian Azerbaijan: implications for the Neoproterozoic-Cambrian evolution of the northern Gondwana margin. <i>International Journal of Earth Sciences</i> , 2024, 113, 303-318.	1.8	0
580	Late Neoproterozoic tectonic evolution of the northern Tarim block: New insights from integrated detrital zircon and rutile geochronology and trace element geochemistry. <i>Precambrian Research</i> , 2024, 401, 107287.	2.7	0
581	Eclogite with biotite porphyroblastsâ€™Which conditions are responsible for their formation? An example from the northern Fleurâ€™deâ€™Lys Supergroup, Newfoundland, Canada. <i>Journal of Metamorphic Geology</i> , 2024, 42, 291-318.	3.4	0
582	First evaluation of stiff-in-soft hostâ€™inclusion systems: experimental synthesis of zircon inclusions in quartz crystals. <i>Contributions To Mineralogy and Petrology</i> , 2024, 179, .	3.1	0
583	Provenance of Detrital Rutiles from the Triassicâ€™Jurassic Sandstones in Franz Josef Land (Barents Sea) Tj ETQq0 0 0 rgBT /Overlock 10 2024, 14, 41.	2.2	0
584	Structural, lithostratigraphic and thermal features of a Permian lower crust from the Western Italian Alps (Valpelline Series, Valle dâ€™Aosta). <i>Geological Magazine</i> , 2023, 160, 1983-2009.	1.5	1
585	The passive margin of the southern SÃ£o Francisco paleocontinent, metamorphic record and implications for the assembly of West Gondwana: Evidence from the Lima Duarte Nappe, Ribeira Orogen (SE Brazil). <i>Precambrian Research</i> , 2024, 404, 107338.	2.7	0
586	Geochemistry of hydrothermal and stream sedimentary rutile in the Tiegelongnan porphyry-epithermal Cu (Au) deposit, Tibet: A tool for exploration. <i>Ore Geology Reviews</i> , 2024, 167, 105970.	2.7	0

#	ARTICLE	IF	CITATIONS
587	Dehydration-driven deformation of eclogite: Interplay between fluid discharge and rheology. Journal of Metamorphic Geology, 0, , .	3.4	0
588	Upconversion Spectral Modulation and Temperature Sensing of NaYF ₄ :Yb ³⁺ /Ho ³⁺ /Tm ³⁺ /Gd ³⁺ Nanorods with Resistance to Thermal Quenching. Journal of Electronic Materials, 2024, 53, 2514-2523.	2.2	0
589	H ₂ O-rich rutile as an indicator for modern-style cold subduction. Contributions To Mineralogy and Petrology, 2024, 179, .	3.1	0