

# Temperature dependence of Zr in rutile: empirical calib

Contributions To Mineralogy and Petrology

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Partitioning of trace elements between rutile and silicate melts: Implications for subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 2361-2371.	3.9	334
4	Type-locality granulites: high-pressure rocks formed at eclogite-facies conditions. <i>Mineralogy and Petrology</i> , 2006, 86, 161-175.	1.1	32
5	Application of rutile thermometry to eclogites. <i>Mineralogy and Petrology</i> , 2006, 88, 69-85.	1.1	55
6	Crystallization thermometers for zircon and rutile. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 413-433.	3.1	1,469
7	Zr-in-rutile thermometry in blueschists from Sifnos, Greece. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 375-385.	3.1	65
8	Zr diffusion in titanite. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 639-647.	3.1	55
9	Derivation of detrital rutile in the Yaoundé region from the Neoproterozoic Pan-African belt in southern Cameroon (Central Africa). <i>Journal of African Earth Sciences</i> , 2006, 44, 443-458.	2.0	80
10	A SHRIMP U-Pb and LA-ICP-MS trace element study of the petrogenesis of garnet-cordierite-orthoamphibole gneisses from the Central Zone of the Limpopo Belt, South Africa. <i>Lithos</i> , 2006, 88, 150-172.	1.4	136
11	Pressures and Temperatures of Ultrahigh-Pressure Metamorphism: Implications for UHP Tectonics and H <sub>2</sub> O in Subducting Slabs. <i>International Geology Review</i> , 2006, 48, 1053-1066.	2.1	103
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15	Ti diffusion in zircon. <i>Chemical Geology</i> , 2007, 242, 470-483.	3.3	112
16	Deducing source rock lithology from detrital rutile geochemistry: An example from the Erzgebirge, Germany. <i>Chemical Geology</i> , 2007, 244, 421-436.	3.3	128
17	Chopinite, [(Mg,Fe) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> ], a new mineral isostructural with sarcopside, from a fluorapatite segregation in granulite-facies paragneiss, Larsemann Hills, Prydz Bay, East Antarctica. <i>European Journal of Mineralogy</i> , 2007, 19, 229-245.	1.3	21
18	Metaluminous pyroxene-bearing granulite xenoliths from the lower continental crust in central Spain: their role in the genesis of Hercynian I-type granites. <i>European Journal of Mineralogy</i> , 2007, 19, 463-477.	1.3	28
19	Late Miocene-Pliocene eclogite facies metamorphism, D'Entrecasteaux Islands, SE Papua New Guinea. <i>Journal of Metamorphic Geology</i> , 2007, 25, 245-265.	3.4	90
20	The pressure dependence of the zirconium-rutile thermometer. <i>Journal of Metamorphic Geology</i> , 2007, 25, 703-713.	3.4	589

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24	Intersector element partitioning in tourmaline: a potentially powerful single crystal thermometer. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 289-301.	3.1	45
25	Behaviour of zircon in high-grade metamorphic rocks: evidence from Hf isotopes, trace elements and textural studies. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 335-356.	3.1	82
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28	Provenance of the Bosnian Flysch. <i>Swiss Journal of Geosciences</i> , 2008, 101, 31-54.	1.2	39
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34	Refining the <i>Pâ€“T</i> records of UHT crustal metamorphism. <i>Journal of Metamorphic Geology</i> , 2008, 26, 125-154.	3.4	294
35	Micro-zircon: origin and evolution during metamorphism. <i>Journal of Metamorphic Geology</i> , 2008, 26, 499-507.	3.4	36
36	Timing of highâ€“pressure metamorphism and exhumation of the eclogite typeâ€“locality (Kupplerbrunnâ€“Prickler Halt, Saualpe, southâ€“eastern Austria): constraints from correlations of the Smâ€“Nd, Luâ€“Hf, Uâ€“Pb and Rbâ€“Sr isotopic systems. <i>Journal of Metamorphic Geology</i> , 2008, 26, 561-581.	3.4	68
37	Aragonite and magnesite in eclogites from the JÃren nappe, SW Norway: disequilibrium in the system CaCO<sub>3</sub>â€“MgCO<sub>3</sub> and petrological implications. <i>Journal of Metamorphic Geology</i> , 2008, 26, 959-979.	3.4	26
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41	Detrital Rutile Geochemistry and Thermometry as Guides to Provenance of Jurassic-Paleocene Sandstones of the Norwegian Sea. <i>Journal of Sedimentary Research</i> , 2009, 79, 540-553.	1.6	48
42	Deformation zone “jumps” in a young convergent setting; the Lengguru fold-and-thrust belt, New Guinea Island. <i>Lithos</i> , 2009, 113, 306-317.	1.4	34
43	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
44	Metamorphic <i>P-T</i> conditions and thermal structure of Chinese Continental Scientific Drilling main hole eclogites: Fe–Mg partitioning thermometer vs. Zr–rutile thermometer. <i>Journal of Metamorphic Geology</i> , 2009, 27, 757-772.	3.4	26
45	Rutile crystals as potential trace element and isotope mineral standards for microanalysis. <i>Chemical Geology</i> , 2009, 261, 346-369.	3.3	208
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53	Redistribution of HFSE elements during rutile replacement by titanite. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 279-295.	3.1	59
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61	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
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65	Ecolgites of the Late Cambrian-Early Ordovician North Kokchetav tectonic zone (northern) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.7	17
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70	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
71	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
72	Ti site occupancy in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 905-921.	3.9	72
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79	Discrimination of TiO <sub>2</sub> polymorphs in sedimentary and metamorphic rocks. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 581-596.	3.1	41
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99	Assessing the sediment factory: The role of single grain analysis. <i>Earth-Science Reviews</i> , 2012, 115, 97-120.	9.1	173
100	A recipe for the use of rutile in sedimentary provenance analysis. <i>Sedimentary Geology</i> , 2012, 282, 268-275.	2.1	88
101	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
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110	Mineral chemistry of Rare Earth Element (REE) mineralization, Browns Ranges, Western Australia. <i>Lithos</i> , 2013, 172-173, 192-213.	1.4	40
111	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
112	Comparison of the metamorphic history of the Monapo Complex, northern Mozambique and Balchenfjella and Austhameren areas, SÃ¸r 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
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116	Late Cretaceous (~81Ma) high-temperature metamorphism in the southeastern Lhasa terrane: Implication for the Neo-Tethys ocean ridge subduction. <i>Tectonophysics</i> , 2013, 608, 112-126.	2.2	67
117	The robustness of the Zr-in-rutile and Ti-in-zircon thermometers during high-temperature metamorphism (Ivrea-Verbanò Zone, northern Italy). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 757-779.	3.1	193
118	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
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128	Measurement of in-situ oxygen isotope ratios in monazite by SHRIMP ion microprobe: Standards, protocols and implications. <i>Chemical Geology</i> , 2014, 380, 84-96.	3.3	25
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#	ARTICLE	IF	CITATIONS
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