

Volker Schenk

List of Publications by Year in descending order

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31
papers

2,531
citations

257357

24
h-index

477173

29
g-index

31
all docs

31
docs citations

31
times ranked

1837
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace element fractionation during fluid-induced eclogitization in a subducting slab: trace element and Lu-Hf-Sm-Nd isotope systematics. <i>Earth and Planetary Science Letters</i> , 2004, 227, 441-456.	1.8	206
2	Evidence for a 2 Ga subduction zone: Eclogites in the Usagaran belt of Tanzania. <i>Geology</i> , 1995, 23, 1067.	2.0	189
3	U-Pb dating of metamorphic minerals: Pan-African metamorphism and prolonged slow cooling of high pressure granulites in Tanzania, East Africa. <i>Precambrian Research</i> , 2000, 104, 123-146.	1.2	166
4	Partial eclogitisation of gabbroic rocks in a late Precambrian subduction zone (Zambia): prograde metamorphism triggered by fluid infiltration. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 174-191.	1.2	154
5	Timing and P-T Evolution of Whiteschist Metamorphism in the Lufilian Arc-Zambezi Belt Orogen (Zambia): Implications for the Assembly of Gondwana. <i>Journal of Geology</i> , 2004, 112, 71-90.	0.7	149
6	U-Pb and Rb-Sr radiometric dates and their correlation with metamorphic events in the granulite-facies basement of the serre, Southern Calabria (Italy). <i>Contributions To Mineralogy and Petrology</i> , 1980, 73, 23-38.	1.2	144
7	Evidence for a Neoproterozoic ocean in south-central Africa from mid-oceanic-ridge-type geochemical signatures and pressure-temperature estimates of Zambian eclogites. <i>Geology</i> , 2003, 31, 243.	2.0	133
8	Crustal evolution of the Southern Granulite Terrane, south India: New geochronological and geochemical data for felsic orthogneisses and granites. <i>Precambrian Research</i> , 2014, 246, 91-122.	1.2	133
9	Blueschist-facies rehydration of eclogites (Tian Shan, NW-China): Implications for fluid-rock interaction in the subduction channel. <i>Chemical Geology</i> , 2008, 255, 195-219.	1.4	127
10	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.	1.2	121
11	2.09 Ga old eclogites in the Eburnian-Transamazonian orogen of southern Cameroon: Significance for Palaeoproterozoic plate tectonics. <i>Precambrian Research</i> , 2018, 304, 1-11.	1.2	103
12	Interrelations between intermediate-depth earthquakes and fluid flow within subducting oceanic plates: Constraints from eclogite facies pseudotachylytes. <i>Geology</i> , 2006, 34, 557.	2.0	85
13	Subducted seamounts in an eclogite-facies ophiolite sequence: the Andean Raspas Complex, SW Ecuador. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 265-284.	1.2	84
14	Nitrogen recycling in subducted oceanic lithosphere: The record in high- and ultrahigh-pressure metabasaltic rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1636-1652.	1.6	76
15	Petrology, geochemistry, and geochronology of trondjemites from the Qori Complex, Neyriz, Iran. <i>Lithos</i> , 2009, 112, 413-433.	0.6	75
16	A stable (Li, O) and radiogenic (Sr, Nd) isotope perspective on metasomatic processes in a subducting slab. <i>Chemical Geology</i> , 2011, 281, 151-166.	1.4	70
17	Tracing the effects of high-pressure metasomatic fluids and seawater alteration in blueschist-facies overprinted eclogites: Implications for subduction channel processes. <i>Chemical Geology</i> , 2012, 292-293, 69-87.	1.4	64
18	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.	1.2	63

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19	Synchronous uplift of the lower crust of the Ivrea Zone and of Southern Calabria and its possible consequences for the Hercynian orogeny in Southern Europe. <i>Earth and Planetary Science Letters</i> , 1981, 56, 305-320.	1.8	50
20	Crustal Age Domains and the Evolution of the Continental Crust in the Mozambique Belt of Tanzania: Combined Sm ¹⁴⁷ Nd, Rb ⁸⁷ Sr, and Pb ²¹⁰ Pb Isotopic Evidence. , 0, .		48
21	Evidence for channelized external fluid flow and element transfer in subducting slabs (Raspas) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	1.4	47
22	The Exposed Crustal Cross Section of Southern Calabria, Italy: Structure and Evolution of a Segment of Hercynian Crust. , 1990, , 21-42.		45
23	P-T-t path of the lower crust in The Hercynian fold belt of southern Calabria. <i>Geological Society Special Publication</i> , 1989, 43, 337-342.	0.8	33
24	Two-stage granulite formation in a Proterozoic magmatic arc (Ongole domain of the Eastern Ghats) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 485-509.	1.2	31
25	Neoproterozoic UHT Metamorphism and Paleoproterozoic UHT Reworking at Uweinat in the East Sahara Ghost Craton, SW Egypt: Evidence from Petrology and Texturally Controlled <i>in situ</i> Monazite Dating. <i>Journal of Petrology</i> , 2015, 56, 1703-1742.	1.1	27
26	Petrology of Whiteschists and Associated Rocks at Mautia Hill (Tanzania): Fluid Infiltration during High-Grade Metamorphism?. <i>Journal of Petrology</i> , 2004, 45, 1959-1981.	1.1	25
27	From orogenesis to passive margin – the cooling history of the Bemarivo Belt (N Madagascar), a multi-thermochronometer approach. <i>Gondwana Research</i> , 2009, 16, 72-81.	3.0	23
28	Fluid inclusions in high-pressure granulites of the Pan-African belt in Tanzania (Uluguru Mts): a record of prograde to retrograde fluid evolution. <i>Contributions To Mineralogy and Petrology</i> , 1998, 130, 199-212.	1.2	20
29	Fluid inclusions in granulite-facies metapelites of the Hercynian ancient lower crust of the Serre, Calabria, Southern Italy. <i>Contributions To Mineralogy and Petrology</i> , 1992, 112, 393-404.	1.2	18
30	Petrology, geochemistry, and geochronology of the Chah-Bazargan gabbroic intrusions in the south Sanandaj – Sirjan zone, Neyriz, Iran. <i>International Journal of Earth Sciences</i> , 2013, 102, 1403-1426.	0.9	13
31	Vesuvianite in high-pressure-metamorphosed oceanic lithosphere (Raspas Complex, Ecuador) and its role for transport of water and trace elements in subduction zones. <i>European Journal of Mineralogy</i> , 2013, 25, 193-219.	0.4	9