Keith Klepeis

List of Publications by Year
in descending order

20 papers	808 citations	567281 15 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	480 citing authors

#	Article	IF	Citations
1	Cretaceous high-P granulites at Milford Sound, New Zealand: metamorphic history and emplacement in a convergent margin setting. Journal of Metamorphic Geology, 2000, 18, 359-374.	3.4	96
2	Continental underthrusting and obduction during the Cretaceous closure of the Rocas Verdes rift basin, Cordillera Darwin, Patagonian Andes. Tectonics, 2010, 29, .	2.8	94
3	Transformation of two-pyroxene hornblende granulite to garnet granulite involving simultaneous melting and fracturing of the lower crust, Fiordland, New Zealand. Journal of Metamorphic Geology, 2001, 19, 549-562.	3.4	67
4	The Eclogite-Granulite Transition: Mafic and Intermediate Assemblages at Breaksea Sound, New Zealand. Journal of Petrology, 2009, 50, 2307-2343.	2.8	67
5	Geochronology and geochemistry of highâ€pressure granulites of the Arthur River Complex, Fiordland, New Zealand: Cretaceous magmatism and metamorphism on the palaeoâ€Pacific Margin. Journal of Metamorphic Geology, 2003, 21, 299-313.	3.4	60
6	Kyanite-paragonite-bearing assemblages, northern Fiordland, New Zealand: rapid cooling of the lower crustal root to a Cretaceous magmatic arc. Journal of Metamorphic Geology, 2002, 20, 887-902.	3.4	59
7	The regional significance of Cretaceous magmatism and metamorphism in Fiordland, New Zealand, from U-Pb zircon geochronology. Journal of Metamorphic Geology, 2004, 22, 607-627.	3.4	59
8	Crustal growth during back-arc closure: Cretaceous exhumation history of Cordillera Darwin, southern Patagonia. Journal of Metamorphic Geology, 2011, 29, 649-672.	3.4	54
9	Alongâ€strike variability of backâ€arc basin collapse and the initiation of sedimentation in the Magallanes foreland basin, southernmost Andes (53â€“54.5Â°S). Tectonics, 2011, 30, .	2.8	50
10	Successive hydration and dehydration of high-P mafic granofels involving clinopyroxene-kyanite symplectites, Mt Daniel, Fiordland, New Zealand. Journal of Metamorphic Geology, 2002, 20, 669-682.	3.4	43
11	Roles for fluid and/or melt advection in forming high-P mafic migmatites, Fiordland, New Zealand. Journal of Metamorphic Geology, 2005, 23, 557-567.	3.4	34
12	Slab-Triggered Arc Flare-up in the Cretaceous Median Batholith and the Growth of Lower Arc Crust, Fiordland, New Zealand. Journal of Petrology, 2017, 58, 1145-1171.	2.8	30
13	Trace element partitioning during high-P partial melting and melt-rock interaction; an example from northern Fiordland, New Zealand. Journal of Metamorphic Geology, 2004, 22, 443-457.	3.4	24
14	Fault kinematics of the Magallanes-Fagnano fault system, southern Chile; an example of diffuse strain and sinistral transtension along a continental transform margin. Journal of Structural Geology, 2016, 85, 130-153.	2.3	21
15	Threeâ€stage evolution of lower crustal gneiss domes at Breaksea Entrance, Fiordland, New Zealand. Tectonics, 2013, 32, 1084-1106.	2.8	16
16	Influence of microscale weak zones on bulk strength. Geochemistry, Geophysics, Geosystems, 2016, 17, 4064-4077.	2.5	12
17	Deep Slab Collision during Miocene Subduction Causes Uplift along Crustal-Scale Reverse Faults in Fiordland, New Zealand. GSA Today, 2019, 29, 4-10.	2.0	12
18	The Age and Origin of Mioceneâ€Pliocene Fault Reactivations in the Upper Plate of an Incipient Subduction Zone, Puysegur Margin, New Zealand. Tectonics, 2019, 38, 3237-3260.	2.8	7

#	Article	IF	Citations
19	Progressive Development of a Distributed Ductile Shear Zone beneath the Patagonian Retroarc Fold-Thrust Belt, Chile. Lithosphere, 2022, 2022, .	1.4	2
20	Timescales and rates of intrusive and metamorphic processes determined from zircon and garnet in migmatitic granulite, Fiordland, New Zealand. American Mineralogist, 2022, 107, 1116-1132.	1.9	1