

Douglas Smith

List of Publications by Year in descending order

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13
papers

560
citations

840776

11
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace elements in Cr-pyrope from the Navajo volcanic field of the Colorado Plateau, SW USA, and implications for the mantle wedge during low-angle subduction. <i>Lithos</i> , 2020, 362-363, 105460.	1.4	1
2	Deformation in the mantle wedge associated with Laramide flat-slab subduction. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2643-2660.	2.5	30
3	Olivine thermometry and source constraints for mantle fragments in the Navajo Volcanic Field, Colorado Plateau, southwest United States: Implications for the mantle wedge. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 693-711.	2.5	19
4	Antigorite Peridotite, Metaserpentinite, and other Inclusions within Diatremes on the Colorado Plateau, SW USA: Implications for the Mantle Wedge during Low-angle Subduction. <i>Journal of Petrology</i> , 2010, 51, 1355-1379.	2.8	44
5	Garnetite Xenoliths and Mantle-Water Interactions Below the Colorado Plateau, Southwestern United States. <i>Journal of Petrology</i> , 2005, 46, 1901-1924.	2.8	59
6	Evolution of Navajo eclogites and hydration of the mantle wedge below the Colorado Plateau, southwestern United States. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	45
7	Chlorite-rich ultramafic reaction zones in Colorado Plateau xenoliths: recorders of sub-Moho hydration. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 185-200.	3.1	47
8	Trace-element zonation in garnets from The Thumb: heating and melt infiltration below the Colorado Plateau. <i>Contributions To Mineralogy and Petrology</i> , 1991, 107, 60-79.	3.1	66
9	Chemical constraints on lithosphere composition and evolution beneath the Colorado Plateau. <i>Journal of Geophysical Research</i> , 1990, 95, 2811-2831.	3.3	58
10	Garnet peridotite from Colorado Plateau ultramafic diatremes: Hydrates, carbonates, and comparative geothermometry. <i>Contributions To Mineralogy and Petrology</i> , 1981, 76, 312-320.	3.1	49
11	Mineral chemistry and zoning in eclogite inclusions from Colorado Plateau diatremes. <i>Contributions To Mineralogy and Petrology</i> , 1979, 69, 119-131.	3.1	27
12	Hydrous minerals and carbonates in peridotite inclusions from the green knobs and bull park kimberlitic diatremes on the Colorado Plateau. , 1979, , 345-356.		37
13	Petrology of the Green Knobs diatreame and implications for the upper mantle below the Colorado Plateau. <i>Earth and Planetary Science Letters</i> , 1976, 29, 107-125.	4.4	78