

Susan DeBari

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,435
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Examination of the deep levels of an island arc: Evidence from the Tonsina Ultramafic-Mafic Assemblage, Tonsina, Alaska. <i>Journal of Geophysical Research</i> , 1989, 94, 4373-4391.	3.3	346
2	A Detailed Geochemical Study of Island Arc Crust: the Talkeetna Arc Section, South-Central Alaska. <i>Journal of Petrology</i> , 2006, 47, 1051-1093.	2.8	264
3	Ultramafic Xenoliths from Adagdak Volcano, Adak, Aleutian Islands, Alaska: Deformed Igneous Cumulates from the Moho of an Island Arc. <i>Journal of Geology</i> , 1987, 95, 329-341.	1.4	153
4	High-Mg, low-Al bulk composition of the Talkeetna island arc, Alaska: Implications for primary magmas and the nature of arc crust. <i>Bulletin of the Geological Society of America</i> , 1991, 103, 37-47.	3.3	143
5	Mass balance calculations for two sections of island arc crust and implications for the formation of continents. <i>Earth and Planetary Science Letters</i> , 1990, 96, 427-442.	4.4	73
6	A trapped Philippine Sea plate origin for MORB from the inner slope of the Izu-Bonin trench. <i>Earth and Planetary Science Letters</i> , 1999, 174, 183-197.	4.4	73
7	Subduction erosion of the Jurassic Talkeetna-Bonanza arc and the Mesozoic accretionary tectonics of western North America. <i>Geology</i> , 2005, 33, 881.	4.4	67
8	Petrogenesis of the Fiambala Gabbroic Intrusion, Northwestern Argentina, a Deep Crustal Syntectonic Pluton in a Continental Magmatic Arc. <i>Journal of Petrology</i> , 1994, 35, 679-713.	2.8	56
9	Vertical Stratification of Composition, Density, and Inferred Magmatic Processes in Exposed Arc Crustal Sections. <i>Frontiers in Earth Sciences</i> , 2011, , 121-144.	0.1	54
10	Correlation among lower to upper crustal components in an island arc: the Jurassic Bonanza arc, Vancouver Island, Canada. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 1371-1413.	1.3	45
11	A-type granite and the Red Sea opening. <i>Tectonophysics</i> , 1992, 204, 27-40.	2.2	35
12	Geology of the Sierra de Fiambal, northwestern Argentina: implications for Early Palaeozoic Andean tectonics. <i>Geological Society Special Publication</i> , 1998, 142, 297-323.	1.3	24
13	The missing half of the subduction factory: shipboard results from the Izu rear arc, IODP Expedition 350. <i>International Geology Review</i> , 2017, 59, 1677-1708.	2.1	23
14	Building Arc Crust: Plutonic to Volcanic Connections in an Extensional Oceanic Arc, the Southern Alisitos Arc, Baja California. <i>Journal of Petrology</i> , 2019, 60, 1195-1228.	2.8	21
15	The generation of a diverse suite of Late Pleistocene and Holocene basalt through dacite lavas from the northern Cascade arc at Mount Baker, Washington. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 75-99.	3.1	13
16	Using mineral geochemistry to decipher slab, mantle, and crustal input in the generation of high-Mg andesites and basaltic andesites from the northern Cascade Arc. <i>American Mineralogist</i> , 2017, , .	1.9	13
17	Mafic magmas from Mount Baker in the northern Cascade arc, Washington: probes into mantle and crustal processes. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 521-546.	3.1	10
18	Supporting the Professional Development of Science Teacher Educators Through Shadowing. <i>International Journal of Science and Mathematics Education</i> , 2021, 19, 145-165.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Construction, emplacement, and geochemical evolution of deep-crustal intrusions: Tenpeak and Dirtyface plutons, North Cascades, western North America. , 2018, 14, 1298-1323.		6
20	Across-Arc Diversity in Rhyolites From an Intra-oceanic Arc: Evidence From IODP Site U1437, Izu-Bonin Rear Arc, and Surrounding Area. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008353.	2.5	6
21	The First 10 Million Years of Rear-Arc Magmas Following Backarc Basin Formation Behind the Izu Arc. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009114.	2.5	2
22	Promoting K-12 Community Research and Service Through the Washington Earth Science Initiative. Journal of Geoscience Education, 2003, 51, 54-63.	1.4	1