Rosemary Hickey-Vargas

List of Publications by Year
in descending order

30	1,976	586496 16	563245 28
papers	citations	h-index	g-index

30	30	30	1671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early magmatic history of the IBM arc inferred from volcanic minerals and melt inclusions from earlyâ€“late Oligocene DSDP Site 296: a mineralâ€“melt partition approach. Contributions To Mineralogy and Petrology, 2022, 177, 1.	1.2	0
2	Volcaniclastic sandstones record the influence of subducted Pacific MORB on magmatism at the early Izu-Bonin arc. Geochimica Et Cosmochimica Acta, 2021, 296, 170-188.	1.6	8
3	Basalt derived from highly refractory mantle sources during early Izu-Bonin-Mariana arc development. Nature Communications, 2021, 12, 1723.	5.8	23
4	Emplacement processes of protoâ€arc basalt in the Izuâ€“Boninâ€“Mariana arc system. Island Arc, 2021, 30, e12401.	0.5	2
5	Sedimentary and volcanic record of the nascent Izu-Bonin-Mariana arc from IODP Site U1438. Bulletin of the Geological Society of America, 2020, , .	1.6	11
6	Geochemistry of volcanic glass from Oligocene detrital sediments at DSDP Site 296, Kyushu Palau Ridge: Interpreting the magmatic evolution of the early northern Izuâ€“Bonin â€“Mariana Island Arc. Island Arc, 2020, 29, e12355.	0.5	2
7	Implications of Eocene-age Philippine Sea and forearc basalts for initiation and early history of the Izu-Bonin-Mariana arc. Geochimica Et Cosmochimica Acta, 2018, 228, 136-156.	1.6	48
8	Age of Izuâ€“Boninâ€“Mariana arc basement. Earth and Planetary Science Letters, 2018, 481, 80-90.	1.8	131
9	Basaltic rocks from the Andean Southern Volcanic Zone: Insights from the comparison of along-strike and small-scale geochemical variations and their sources. Lithos, 2016, 258-259, 115-132.	0.6	56
10	Reply to 'Unclear causes for subduction'. Nature Geoscience, 2016, 9, 338-339.	5.4	7
11	A record of spontaneous subduction initiation in the Izuâ€“Boninâ€“Mariana arc. Nature Geoscience, 2015, 8, 728-733.	5.4	194
12	Geochemical and isotopic study of a plutonic suite and related early volcanic sequences in the southern Mariana forearc. Geochemistry, Geophysics, Geosystems, 2014, 15, 589-604.	1.0	22
13	Age and geochemistry of volcanic clasts from DSDP Site 445, Daito Ridge and relationship to Minami-Daito Basin and early Izu-Bonin arc magmatism. Journal of Asian Earth Sciences, 2013, 70-71, 193-208.	1.0	15
14	Foreâ€arc basalts and subduction initiation in the Izuâ€Boninâ€Mariana system. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	589
15	Petrogenesis of Volcanic Rocks from Saipan and Rota, Mariana Islands, and Implications for the Evolution of Nascent Island Arcs. Journal of Petrology, 2008, 49, 441-464.	1.1	88
16	Petrology and Geochemistry of West Philippine Basin Basalts and Early Palauâ€“Kyushu Arc Volcanic Clasts from ODP Leg 195, Site 1201D: Implications for the Early History of the Izuâ€“Boninâ€“Mariana Arc. Journal of Petrology, 2006, 47, 277-299.	1.1	74
17	Origin of diverse geochemical signatures in igneous rocks from the West Philippine Basin: Implications for tectonic models. Geophysical Monograph Series, 2006, , 287-303.	0.1	17
18	Basalt and tonalite from the Amami Plateau, northern West Philippine Basin: New Early Cretaceous ages and geochemical results, and their petrologic and tectonic implications. Island Arc, 2005, 14, 653-665.	0.5	81

#	Article	IF	Citations
19	Multiple subduction components in the mantle wedge: Evidence from eruptive centers in the Central Southern volcanic zone, Chile. Geology, 2002, 30, 199.	2.0	56
20	Element and Sediment Accumulation Rates in the Florida Everglades. Water, Air, and Soil Pollution, 2000, 122, 327-349.	1.1	8
21	N. L. Bowen and Crystallization-Differentation: The Evolution of a Theory. Eos, 1999, 80, 292.	0.1	0
22	Origin of the Indian Ocean-type isotopic signature in basalts from Philippine Sea plate spreading centers: An assessment of local versus large-scale processes. Journal of Geophysical Research, 1998, 103, 20963-20979.	3.3	171
23	Geochemical characteristics of oceanic island basalts from the Philippine Sea Plate: Implications for the sources of East Asian plate margin and intraplate basalts. Geodynamic Series, 1998, , 365-384.	0.1	14
24	Crustal xenoliths from Calbuco Volcano, Andean Southern Volcanic Zone: implications for crustal composition and magma-crust interaction. Contributions To Mineralogy and Petrology, 1995, 119, 331-344.	1.2	50
25	The Indian Ocean-type isotopic signature in western Pacific marginal basins: Origin and significance. Geophysical Monograph Series, 1995, , 175-197.	0.1	78
26	Crustal xenoliths from Calbuco Volcano, Andean Southern Volcanic Zone: implications for crustal composition and magma-crust interaction. Contributions To Mineralogy and Petrology, 1995, 119, 331-344.	1.2	4
27	A refractory HIMU component in the sources of island-arc magma. Nature, 1992, 360, 57-59.	13.7	13
28	Isotope characteristics of submarine lavas from the Philippine Sea: implications for the origin of arc and basin magmas of the Philippine tectonic plate. Earth and Planetary Science Letters, 1991, 107, 290-304.	1.8	143
29	Peeled or MASHed?. Nature, 1991, 350, 381-382.	13.7	8
30	Temporal variation of isotope and rare earth element abundances in volcanic rocks from Guam: implications for the evolution of the Mariana Arc. Contributions To Mineralogy and Petrology, 1987, 97, 497-508.	1.2	63