

Jasper G Konter

List of Publications by Year in descending order

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34
papers

1,386
citations

361413

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345221

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docs citations

36
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	The return of subducted continental crust in Samoan lavas. <i>Nature</i> , 2007, 448, 684-687.	27.8	280
2	Helium and lead isotopes reveal the geochemical geometry of the Samoan plume. <i>Nature</i> , 2014, 514, 355-358.	27.8	90
3	Primordial helium entrained by the hottest mantle plumes. <i>Nature</i> , 2017, 542, 340-343.	27.8	88
4	Samoa reinstated as a primary hotspot trail. <i>Geology</i> , 2008, 36, 435.	4.4	85
5	Vailulu'u Seamount, Samoa: Life and death on an active submarine volcano. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6448-6453.	7.1	81
6	Samoa hot spot track on a "hot spot highway": Implications for mantle plumes and a deep Samoan mantle source. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	77
7	Unusual ^{56}Fe values in Samoan rejuvenated lavas generated in the mantle. <i>Earth and Planetary Science Letters</i> , 2016, 450, 221-232.	4.4	64
8	Age systematics of two young en echelon Samoan volcanic trails. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	56
9	One hundred million years of mantle geochemical history suggest the retiring of mantle plumes is premature. <i>Earth and Planetary Science Letters</i> , 2008, 275, 285-295.	4.4	55
10	On the relative motions of long-lived Pacific mantle plumes. <i>Nature Communications</i> , 2018, 9, 854.	12.8	55
11	Large volumes of rejuvenated volcanism in Samoa: Evidence supporting a tectonic influence on late-stage volcanism. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	52
12	High precision $^{87}\text{Sr}/^{86}\text{Sr}$ measurements by MC-ICP-MS, simultaneously solving for Kr interferences and mass-based fractionation. <i>Chemical Geology</i> , 2014, 385, 26-34.	3.3	40
13	Evidence for a deep mantle source for EM and HIMU domains from integrated geochemical and geophysical constraints. <i>Earth and Planetary Science Letters</i> , 2018, 484, 154-167.	4.4	40
14	$^{206}\text{Pb}/^{238}\text{U}$, $^{207}\text{Pb}/^{235}\text{U}$, $^{143}\text{Nd}/^{147}\text{Sm}$ and $^{40}\text{Ar}/^{39}\text{Ar}$ ages reveal a Hawaii-style "Emperor-style bend in the Rurutu hotspot. <i>Earth and Planetary Science Letters</i> , 2018, 500, 168-179.	4.4	32
15	Geochemical stages at Jasper Seamount and the origin of intraplate volcanoes. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	31
16	Magnesium isotopic homogeneity of San Carlos olivine: a potential standard for Mg isotopic analysis by multi-collector inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2123-2132.	1.5	29
17	Geochemistry and Distribution of Recycled Domains in the Mantle Inferred From Nd and Pb Isotopes in Oceanic Hot Spots: Implications for Storage in the Large Low Shear Wave Velocity Provinces. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3496-3519.	2.5	29
18	Quantifying an early signature of the industrial revolution from lead concentrations and isotopes in soils of Pennsylvania, USA. <i>Anthropocene</i> , 2014, 7, 16-29.	3.3	26

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19	Deeply dredged submarine HIMU glasses from the <sc>T</sc>uvalu <sc>I</sc>slands, <sc>P</sc>olynesia: Implications for volatile budgets of recycled oceanic crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3210-3234.	2.5	23
20	Geochemical evidence in the northeast Lau Basin for subduction of the Cookâ€Austral volcanic chain in the Tonga Trench. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1694-1724.	2.5	23
21	â€Petit Spotâ€Rejuvenated Volcanism Superimposed on Plumeâ€Derived Samoan Shield Volcanoes: Evidence From a 645â€m Drill Core From Tutuila Island, American Samoa. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1485-1507.	2.5	19
22	Seafloor seismic monitoring of an active submarine volcano: Local seismicity at Vailulu'u Seamount, Samoa. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, .	2.5	15
23	Shallow lithospheric contribution to mantle plumes revealed by integrating seismic and geochemical data. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	15
24	Sr and Nd isotopic compositions of individual olivine-hosted melt inclusions from Hawai'i and Samoa: Implications for the origin of isotopic heterogeneity in melt inclusions from OIB lavas. <i>Chemical Geology</i> , 2018, 495, 36-49.	3.3	15
25	Contrasting Old and Young Volcanism from Aitutaki, Cook Islands: Implications for the Origins of the Cookâ€Austral Volcanic Chain. <i>Journal of Petrology</i> , 2020, 61, .	2.8	14
26	The importance of a Ni correction with ion counter in the double spike analysis of Fe isotope compositions using a ⁵⁷Fe/⁵⁸Fe double spike. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4209-4222.	2.5	13
27	Metasomatism and Hydration of the Oceanic Lithosphere: a Case Study of Peridotite Xenoliths from Samoa. <i>Journal of Petrology</i> , 2020, 61, .	2.8	11
28	Hydrogeochemical controls on brackish groundwater and its suitability for use in hydraulic fracturing: The Dockum Aquifer, Midland Basin, Texas. <i>Environmental Geosciences</i> , 2018, 25, 37-63.	0.6	6
29	Constraining the isotopic endmembers contributing to 1.1ÂGa Keweenawan large igneous province magmatism. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	3.1	5
30	Distinguishing Volcanic Contributions to the Overlapping Samoan and Cook-Austral Hotspot Tracks. <i>Journal of Petrology</i> , 2022, 63, .	2.8	3
31	Shipboard Characterization of Tuvalu, Samoa, and Lau Dredge Samples Using Laser-Induced Breakdown Spectroscopy (LIBS). <i>Applied Spectroscopy</i> , 2019, 73, 623-637.	2.2	2
32	Spotlight: Jasper Seamount. <i>Oceanography</i> , 2010, 23, 40-41.	1.0	1
33	Spotlight: Vailuluâ€™u Seamount. <i>Oceanography</i> , 2010, 23, 164-165.	1.0	1
34	Trace element and Pb isotope analyses highlight decentralized inter-island exchange in American SÃmoa (Polynesia). <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	1.8	1