

# Jonguk Kim

## List of Publications by Year in descending order

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46  
papers

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citations

567281

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Geochemistry in Hydrothermal Sediments From the Newly Discovered Onnuri Vent Field in the Middle Region of the Central Indian Ridge. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	7
2	Mercury (Hg) geochemistry of mid-ocean ridge sediments on the Central Indian Ridge: Chemical forms and isotopic composition. <i>Chemical Geology</i> , 2022, 604, 120942.	3.3	5
3	Gold and tin mineralisation in the ultramafic-hosted Cheoeum vent field, Central Indian Ridge. <i>Mineralium Deposita</i> , 2021, 56, 885-906.	4.1	15
4	Calcium Stable Isotopes of Tonga and Mariana Arc Lavas: Implications for Slab Fluid-Mediated Carbonate Transfer in Cold Subduction Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020207.	3.4	4
5	EM1 Signature in the North Fiji Basin: Evidence for Stagnant Slab-Derived Mantle Upwelling Beneath the Trench-Distal Back-Arc Basin. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021017.	3.4	2
6	Enhancement of volcanic eruption in mid-ocean ridge during the last deglaciation: New sedimentary evidence in the middle part of Central Indian Ridge. <i>Marine Geology</i> , 2021, 440, 106574.	2.1	4
7	Petrogenesis of subduction-related lavas from the southern Tonga arc. <i>Journal of Asian Earth Sciences</i> , 2020, 188, 104089.	2.3	4
8	Ti-Magnetite Crystallization in Melt Inclusions of Trachytic Rocks from the Dokdo and Ulleung Islands, South Korea: Implications for Hydrous and Oxidized Magmatism. <i>Minerals (Basel)</i> , 2020, 10, 457.	2.0	5
9	Discovery of Active Hydrothermal Vent Fields Along the Central Indian Ridge, 8°–12°S. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009058.	2.5	26
10	Seabed Mapping Using Shipboard Multibeam Acoustic Data for Assessing the Spatial Distribution of Ferromanganese Crusts on Seamounts in the Western Pacific. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 155.	2.0	14
11	Impacts of typhoon-induced heavy rainfalls and resultant freshwater runoff on the partitioning of organic carbon oxidation and nutrient dynamics in the intertidal sediments of the Han River estuary, Yellow Sea. <i>Science of the Total Environment</i> , 2019, 691, 858-867.	8.0	16
12	Electron microscopy study on the formation of ferromanganese crusts, western Pacific Magellan Seamounts. <i>Marine Geology</i> , 2019, 410, 32-41.	2.1	13
13	Evolution of copper isotopes in arc systems: Insights from lavas and molten sulfur in Niuatahi volcano, Tonga rear arc. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 18-33.	3.9	29
14	Sinking Particle Flux in the Subtropical Oligotrophic Northwestern Pacific from a Short-term Sediment Trap Experiment. <i>Ocean Science Journal</i> , 2018, 53, 395-403.	1.3	2
15	Widespread tectonic extension at the Central Indian Ridge between 8°S and 18°S. <i>Gondwana Research</i> , 2017, 45, 163-179.	6.0	23
16	Mantle heterogeneity in the source region of mid-ocean ridge basalts along the northern Central Indian Ridge (8°S–17°S). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1419-1434.	2.5	11
17	Abundances of platinum group elements in native sulfur condensates from the Niuatahi-Motutahi submarine volcano, Tonga rear arc: Implications for PGE mineralization in porphyry deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 236-246.	3.9	22
18	Geochemical characteristics of sinking particles in the Tonga arc hydrothermal vent field, southwestern Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 116, 118-126.	1.4	2

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19	Complete mitochondrial genome of the hydrothermal vent ghost shrimp <i>Paraglypturus tonganus</i> (Crustacea, Axiidea, Callianassidae). <i>Mitochondrial DNA</i> , 2016, 27, 1048-1049.	0.6	3
20	Characterizing Geomorphological Properties of Western Pacific Seamounts for Cobalt-rich Ferromanganese Crust Resource Assessment. <i>Economic and Environmental Geology</i> , 2016, 49, 121-134.	0.4	4
21	The Role of Late Sulfide Saturation in the Formation of a Cu- and Au-rich Magma: Insights from the Platinum Group Element Geochemistry of Niutahi-Motutahi Lavas, Tonga Rear Arc. <i>Journal of Petrology</i> , 2015, 56, 59-81.	2.8	99
22	Tectonic and magmatic control of hydrothermal activity along the slow-spreading Central Indian Ridge, 8°S–17°S. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2011-2020.	2.5	28
23	Geochemistry and petrogenesis of mafic-ultramafic rocks from the Central Indian Ridge, latitude 8°S–17°S: denudation of mantle harzburgites and gabbroic rocks and compositional variation of basalts. <i>International Geology Review</i> , 2014, 56, 1691-1719.	2.1	20
24	Composition of Rare Earth Elements in Northeast Pacific Surface Sediments, and their Potential as Rare Earth Elements Resources. <i>Ocean and Polar Research</i> , 2014, 36, 383-394.	0.3	2
25	Comparison of CTD Cast and CTD Tow-yo Methods for Detecting Hydrothermal Plume. <i>Ocean and Polar Research</i> , 2014, 36, 179-187.	0.3	0
26	Cenozoic history of phosphogenesis recorded in the ferromanganese crusts of central and western Pacific seamounts: Implications for deepwater circulation and phosphorus budgets. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 392, 293-301.	2.3	25
27	Geophysical and Geological Exploration of Cobalt-rich Ferromanganese Crusts on a Seamount in the Western Pacific. <i>Economic and Environmental Geology</i> , 2013, 46, 569-580.	0.4	7
28	Relationship between polymetallic nodule genesis and sediment distribution in the KODOS (Korea Deep) Trough. <i>Journal of Oceanography</i> , 2013, 12, 1-12.	1.3	12
29	Sulfur Isotope Composition of Seafloor Hydrothermal Vents in the Convergent Plate Boundaries of the Western Pacific: A Role of Magma on Generation of Hydrothermal Fluid. <i>Economic and Environmental Geology</i> , 2012, 45, 145-156.	0.4	0
30	Regional Variability of Manganese Nodule Facies in the KR1 Area in KODOS Area, Northeastern Equatorial Pacific. <i>Economic and Environmental Geology</i> , 2012, 45, 477-486.	0.4	1
31	Lead, Nd and Sr isotope records of pelagic dust: Source indication versus the effects of dust extraction procedures and authigenic mineral growth. <i>Chemical Geology</i> , 2011, 286, 240-240.	3.3	19
32	InterRidge and international scientific research activities into Seafloor Mineralization at hydrothermal vent systems. , 2011, , .		0
33	Metal-bearing molten sulfur collected from a submarine volcano: Implications for vapor transport of metals in seafloor hydrothermal systems. <i>Geology</i> , 2011, 39, 351-354.	4.4	38
34	Evaluation of Correction Parameter for the Free-fall Grab Based Mn Nodule Abundance in the Southern Sector of the KODOS. <i>Economic and Environmental Geology</i> , 2011, 44, 475-483.	0.4	1
35	Venting sites along the Fonualei and Northeast Lau Spreading Centers and evidence of hydrothermal activity at an off-axis caldera in the northeastern Lau Basin. <i>Geochemical Journal</i> , 2009, 43, 1-13.	1.0	44
36	Evaluation of Jeju/Tsushima Hermatypic Corals as Sea Surface Temperature (SST) Recorders. <i>Ocean and Polar Research</i> , 2008, 30, 351-359.	0.3	2

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37	Southward shift of the Intertropical Convergence Zone in the western Pacific during the late Tertiary: Evidence from ferromanganese crusts on seamounts west of the Marshall Islands. <i>Paleoceanography</i> , 2006, 21, .	3.0	22
38	Formation of hydrothermal vents in the North Fiji Basin: Sulfur and lead isotope constraints. <i>Chemical Geology</i> , 2006, 233, 257-275.	3.3	31
39	Flux and grain size variation of eolian dust as a proxy tool for the paleo-position of the Intertropical Convergence Zone in the northeast Pacific. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 214-223.	2.3	14
40	Relationship between Mn nodule abundance and other geological factors in the northeastern Pacific: Application of GIS and probability method. <i>Ocean Science Journal</i> , 2006, 41, 149-161.	1.3	7
41	Comparison of EM 120 Multibeam Echo Sounding Data with SeaBeam 2000 Data Acquired at KODOS(Korea Deep Ocean Study) Area. <i>Ocean and Polar Research</i> , 2006, 28, 467-473.	0.3	0
42	Textural and geochemical characteristics of Fe-Mn crusts from four seamounts near the Marshall Islands, western Pacific. <i>Geosciences Journal</i> , 2005, 9, 331-338.	1.2	7
43	Review on Underwater Positioning for Deep Towing Vehicles. <i>Ocean and Polar Research</i> , 2005, 27, 335-339.	0.3	3
44	S, Sr, and Pb isotopic systematics of hydrothermal chimney precipitates from the Eastern Manus Basin, western Pacific: Evaluation of magmatic contribution to hydrothermal system. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	45
45	Geophysical and Sedimentological Characteristics of Lomilik Seamount, West Pacific. <i>Ocean and Polar Research</i> , 2004, 26, 207-218.	0.3	0
46	Chemical Speciations of Elements in the Fe-Mn Crusts by Sequential Extraction. <i>Ocean and Polar Research</i> , 2004, 26, 231-243.	0.3	1