

# Sung Hi Choi

## List of Publications by Year in descending order

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55  
papers

1,312  
citations

331259

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docs citations

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times ranked

1204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc isotopic systematics of the Mt. Baekdu and Jeju Island intraplate basalts in Korea, and implications for mantle source lithologies. <i>Lithos</i> , 2022, 416-417, 106659.	0.6	4
2	Million-year-scale changes in the provenance of the Miocene Doumsan fan-delta system, Pohang Basin, SE Korea: Separating the effects of eustasy and tectonic subsidence. <i>Sedimentary Geology</i> , 2022, , 106180.	1.0	1
3	Geochemistry and petrogenesis of Quaternary volcanic rocks from Ulleung Island, South Korea. <i>Lithos</i> , 2021, 380-381, 105874.	0.6	5
4	Zircon U-Pb geochronology and Sr-Nd-Pb-Hf isotope geochemistry for Permian-Early Triassic arc-related magmatism in Pohang, Jangsari, and Yeongdeok, southeastern Korean Peninsula. <i>Lithos</i> , 2021, 382-383, 105930.	0.6	5
5	Petrogenesis and tectonic implications of the late Paleoproterozoic (ca. 1.7 Ga) post-collisional magmatism in the southwestern Gyeonggi Massif at Garorim Bay, South Korea. <i>Journal of Asian Earth Sciences</i> : X, 2021, 5, 100050.	0.6	1
6	Basic Lunar Topography and Geology for Space Scientists. <i>Uju Gisulgwa Eungyong</i> , 2021, 1, 217-240.	0.1	2
7	Geochronology and Sr-Nd-Pb-Hf-O isotope geochemistry of Miocene intrusive rocks from Tsushima Islands, Japan: Constraints on petrogenesis and tectonic setting. <i>Lithos</i> , 2021, 398-399, 106280.	0.6	0
8	Geochemical studies on the mantle source lithologies of late Cenozoic alkali basalts from Baengnyeong, Pyeongtaek, and Asan in the Korean Peninsula. <i>Lithos</i> , 2021, 404-405, 106434.	0.6	4
9	Geochemical constraints on the evolution of the lithospheric mantle beneath central and southern Vietnam. <i>Geosciences Journal</i> , 2021, 25, 433-451.	0.6	3
10	Highly refractory dunite formation at Gibbs Island and Bruce Bank, and its role in the evolution of the circum-Antarctic continent. <i>Canadian Mineralogist</i> , 2021, 59, 1731-1753.	0.3	1
11	Petrogenesis and mantle source characteristics of the late Cenozoic Baekdusan (Changbaishan) basalts, North China Craton. <i>Gondwana Research</i> , 2020, 78, 156-171.	3.0	24
12	Petrogenesis of Mesozoic granites at Garorim Bay, South Korea: evidence for an exotic block within the southwestern Gyeonggi massif?. <i>Geosciences Journal</i> , 2019, 23, 1-20.	0.6	7
13	Geochemistry of volcanic rocks from Oldoinyo Lengai, Tanzania: Implications for mantle source lithology. <i>Lithos</i> , 2019, 350-351, 105223.	0.6	4
14	Petrogenesis and mantle source characteristics of volcanic rocks on Jeju Island, South Korea. <i>Lithos</i> , 2019, 326-327, 476-490.	0.6	22
15	Fossil subduction zone origin for magmas in the Ferrar Large Igneous Province, Antarctica: Evidence from PGE and Os isotope systematics in the Basement Sill of the McMurdo Dry Valleys. <i>Earth and Planetary Science Letters</i> , 2019, 506, 507-519.	1.8	19
16	SHRIMP U-Pb zircon ages of Jigokri migmatitic gneisses at Garorim bay, Southwestern Gyeonggi massif. <i>Journal of the Geological Society of Korea</i> , 2019, 55, 191-205.	0.3	0
17	Dual origins for pantellerites, and other puzzles, at Mount Takahae volcano, Marie Byrd Land, West Antarctica. <i>Lithos</i> , 2018, 296-299, 142-162.	0.6	7
18	Geochemical constraints on the spatial distribution of recycled oceanic crust in the mantle source of late Cenozoic basalts, Vietnam. <i>Lithos</i> , 2018, 296-299, 382-395.	0.6	48

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19	Geochemistry of olivine-hosted melt inclusions in the Baekdusan (Changbaishan) basalts: Implications for recycling of oceanic crustal materials into the mantle source. <i>Lithos</i> , 2017, 284-285, 194-206.	0.6	23
20	Evolution of the lithospheric mantle beneath Mt. Baekdu (Changbaishan): Constraints from geochemical and Sr <sup>87</sup> /Nd <sup>143</sup> /Hf isotopic studies on peridotite xenoliths in trachybasalt. <i>Lithos</i> , 2017, 286-287, 330-344.	0.6	22
21	Peridotites and basaltic rocks within an ophiolitic mélange from the SW igneous province of Puerto Rico: relation to the evolution of the Caribbean Plate. <i>Geological Magazine</i> , 2017, 154, 96-118.	0.9	2
22	Petrogenesis of Late Cenozoic basaltic rocks from southern Vietnam. <i>Lithos</i> , 2017, 272-273, 192-204.	0.6	61
23	Origin of adakite-like plutons in southern Korea. <i>Lithos</i> , 2016, 262, 620-635.	0.6	22
24	Petrogenesis of Late Triassic ultramafic rocks from the Andong Ultramafic Complex, South Korea. <i>Lithos</i> , 2016, 264, 28-40.	0.6	8
25	Continuous supply of recycled Pacific oceanic materials in the source of Cenozoic basalts in SE China: the Zhejiang case. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	36
26	Reconciling the shadow of a subduction signature with rift geochemistry and tectonic environment in Eastern Marie Byrd Land, Antarctica. <i>Lithos</i> , 2016, 260, 134-153.	0.6	10
27	Sulfide-scale insights into platinum-group element behavior during carbonate mantle metasomatism and evolution of Spitsbergen lithospheric mantle. <i>Lithos</i> , 2016, 246-247, 182-196.	0.6	3
28	Oxygen isotopic heterogeneity of Pali Aike basaltic magmas from southern Patagonia as evidenced by oxygen isotope compositions of olivines. <i>Geochemical Journal</i> , 2015, 49, 83-101.	0.5	0
29	Age and tectonic implications of Paleoproterozoic Deo Khe Granitoids within the Phan Si Pan Zone, Vietnam. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 781-791.	1.0	26
30	Lithospheric mantle signatures as revealed by zircon Hf isotopes of Late Triassic post-collisional plutons from the central Korean peninsula, and their tectonic implications. <i>Terra Nova</i> , 2015, 27, 97-105.	0.9	27
31	Petrogenesis of dunites from Gibbs Island, South Shetland Islands, Antarctica. <i>Geosciences Journal</i> , 2015, 19, 33-44.	0.6	3
32	Geochemistry of anorthositic xenolith and host tholeiite basalt from Jeju Island, South Korea. <i>Geosciences Journal</i> , 2014, 18, 125-135.	0.6	6
33	Isotope geochemistry of Jeongok basalts, northernmost South Korea: Implications for the enriched mantle end-member component. <i>Journal of Asian Earth Sciences</i> , 2014, 91, 56-68.	1.0	19
34	Lu-Hf Isotopic Systematics and Its Applications for Geology. <i>The Journal of the Petrological Society of Korea</i> , 2014, 23, 229-237.	0.2	1
35	Sr <sup>87</sup> /Nd <sup>143</sup> /Hf <sup>177</sup> /Pb isotope geochemistry of basaltic rocks from the Cretaceous Gyeongsang Basin, South Korea: Implications for basin formation. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 504-519.	1.0	17
36	Geochemical evolution of basaltic volcanism within the tertiary basins of southeastern Korea and the opening of the East Sea (Sea of Japan). <i>Journal of Volcanology and Geothermal Research</i> , 2013, 249, 109-122.	0.8	25

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37	Melt inclusions in olivine and plagioclase phenocrysts from Antarctic Phoenix Ridge basalts: Implications for origins of N- and E-type MORB parent magmas. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 253, 75-86.	0.8	7
38	Subduction initiation along transform faults: The proto-Franciscan subduction zone. <i>Lithosphere</i> , 2012, 4, 484-496.	0.6	25
39	Lu-Hf and Sm-Nd isotope systematics of Korean spinel peridotites: A case for metasomatically induced Nd-Hf decoupling. <i>Lithos</i> , 2012, 154, 263-276.	0.6	42
40	Petrogenesis of anhydrous clinopyroxenite xenoliths and clinopyroxene megacrysts in alkali basalts from the Ganseong area of South Korea. <i>Island Arc</i> , 2012, 21, 101-117.	0.5	2
41	Evolution of pantellerite-trachyte-phonolite volcanoes by fractional crystallization of basanite magma in a continental rift setting, Marie Byrd Land, Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 1175-1199.	1.2	21
42	Serpentinite matrix mélange: Implications of mixed provenance for mélange formation. , 2011, , .		34
43	Melt extraction and melt refertilization in mantle peridotite of the Coast Range ophiolite: an LA-ICP-MS study. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 113-136.	1.2	65
44	Lu-Hf and Re-Os systematics of peridotite xenoliths from Spitsbergen, western Svalbard: Implications for mantle-crust coupling. <i>Earth and Planetary Science Letters</i> , 2010, 297, 121-132.	1.8	37
45	Deformation microstructures of olivine in peridotite from Spitsbergen, Svalbard and implications for seismic anisotropy. <i>Journal of Metamorphic Geology</i> , 2009, 27, 707-720.	1.6	21
46	Supra-subduction and abyssal mantle peridotites of the Coast Range ophiolite, California. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 551-576.	1.2	149
47	Mantle dynamics beneath East Asia constrained by Sr, Nd, Pb and Hf isotopic systematics of ultramafic xenoliths and their host basalts from Hannuoba, North China. <i>Chemical Geology</i> , 2008, 248, 40-61.	1.4	81
48	Initiation of Franciscan subduction along a large-offset fracture zone: Evidence from mantle peridotites, Stonyford, California. <i>Geology</i> , 2008, 36, 595.	2.0	27
49	Extreme Sr-Nd-Pb-Hf isotopic compositions exhibited by the Tinaquillo peridotite massif, Northern Venezuela: implications for geodynamic setting. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 443-463.	1.2	15
50	Lu-Hf systematics of the ultra-high temperature Napier Metamorphic Complex in Antarctica: Evidence for the early Archean differentiation of Earth's mantle. <i>Earth and Planetary Science Letters</i> , 2006, 246, 305-316.	1.8	38
51	Sr, Nd, Pb and Hf isotopic compositions of late Cenozoic alkali basalts in South Korea: Evidence for mixing between the two dominant asthenospheric mantle domains beneath East Asia. <i>Chemical Geology</i> , 2006, 232, 134-151.	1.4	158
52	Mineral chemistry of spinel peridotite xenoliths from Baengnyeong Island, South Korea, and its implications for the paleogeotherm of the uppermost mantle. <i>Island Arc</i> , 2005, 14, 236-253.	0.5	16
53	Sr-Nd-Pb isotope and trace element systematics of mantle xenoliths from Late Cenozoic alkaline lavas, South Korea. <i>Chemical Geology</i> , 2005, 221, 40-64.	1.4	66
54	Geochemistry of peridotite xenoliths in alkali basalts from Jeju Island, Korea. <i>Island Arc</i> , 2002, 11, 221-235.	0.5	29

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55	Geochemical and isotopic studies of the Cretaceous igneous rocks in the Yeongdong Basin, Korea: Implications for the origin of magmatism in pull-apart basin. <i>Geosciences Journal</i> , 2001, 5, 191-201.	0.6	11