

# Young Kwan Sohn

## List of Publications by Year in descending order

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85  
papers

3,460  
citations

159585

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144013

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86  
all docs

86  
docs citations

86  
times ranked

1862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcano-sea interactions in a coastal tuff ring, Jeju Island, Korea. Geological Society Special Publication, 2023, 520, 507-522.	1.3	3
2	Geological record of a Cretaceous seismic event paired with multiple volcanic eruptions. Terra Nova, 2022, 34, 83-90.	2.1	1
3	Zeolitization of the Dacitic Tuff in the Miocene Janggi Basin, SE Korea. Economic and Environmental Geology, 2022, 55, 63-76.	0.4	1
4	The Middle Stone Age in the Eastern Desert. EDAR 135 – a buried early MIS 5 horizon from Sudan. Azania, 2022, 57, 155-196.	0.9	2
5	The oldest Homo erectus buried lithic horizon from the Eastern Saharan Africa. EDAR 7 - an Acheulean assemblage with Kombewa method from the Eastern Desert, Sudan. PLoS ONE, 2021, 16, e0248279.	2.5	10
6	Gold Miners on the Trail of the Earliest Humans in Eastern Saharan Africa. Investigating the Acheulean and Middle Stone Age in Sudanese Nubia. Journal of African Archaeology, 2021, 19, 235-244.	0.6	5
7	Microtextural evidence for vesiculated tuff formation in Songaksan tuff ring, Jeju Island, Korea. Journal of Volcanology and Geothermal Research, 2021, 417, 107311.	2.1	3
8	Eruptive and depositional processes of a low-aspect-ratio ignimbrite (the Southern Kusandong Tuff,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Geothermal Research, 2021, 419, 107374.	2.1	0
9	A Window into the Early-Middle Stone Age Transition in Northeastern Africa – A Marine Isotope Stage 7a/6 Late Acheulean Horizon from the EDAR 135 Site, Eastern Sahara (Sudan). Journal of Field Archaeology, 2021, 46, 513-533.	1.3	8
10	Petrogenesis and mantle source characteristics of the late Cenozoic Baekdusan (Changbaishan) basalts, North China Craton. Gondwana Research, 2020, 78, 156-171.	6.0	24
11	Historical sedimentation at an artificial lake margin, Bangudae Petroglyphs site, SE Korea. Geosciences Journal, 2020, 24, 235-247.	1.2	0
12	Distinguishing between primary and secondary volcanoclastic deposits. Scientific Reports, 2019, 9, 12425.	3.3	23
13	Fault zone processes during caldera collapse: Jangsan Caldera, Korea. Journal of Structural Geology, 2019, 124, 197-210.	2.3	8
14	Volcanoclastic tide-modulated tempestite in a coastal tuff ring, Jeju Island, Korea. Scientific Reports, 2019, 9, 3561.	3.3	11
15	Saharan green corridors and Middle Pleistocene hominin dispersals across the Eastern Desert, Sudan. Journal of Human Evolution, 2019, 130, 141-150.	2.6	26
16	Recurrent Quaternary magma generation at Baekdusan (Changbaishan) volcano: New zircon U-Th ages and Hf isotopic constraints from the Millennium Eruption. Gondwana Research, 2019, 68, 13-21.	6.0	11
17	Geoheritage Values of the Quaternary Hantangang River Volcanic Field in the Central Korean Peninsula. Geoheritage, 2019, 11, 765-782.	2.8	15
18	Magnetic assessment of OSL and radiocarbon ages of sediments beneath a lava in Jeju Island, Korea: Implication of possible resetting of OSL signals and age constraint of the late Quaternary lava. Quaternary Geochronology, 2018, 48, 45-63.	1.4	4

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19	Preliminary paleomagnetic and rock magnetic results from 17 to 22 ka sediment of Jeju Island, Korea: Geomagnetic excursions or rock magnetic anomalies?. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	10
20	Records of palaeo-sea level and eruption duration in a coastal tuff ring, Jeju Island, Korea. <i>Terra Nova</i> , 2017, 29, 52-60.	2.1	10
21	Diatreme evolution during the phreatomagmatic eruption of the Songaksan tuff ring, Jeju Island, Korea. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	12
22	Latest Pleistocene crustal cannibalization at Baekdusan (Changbaishan) as traced by oxygen isotopes of zircon from the Millennium Eruption. <i>Lithos</i> , 2017, 284-285, 132-137.	1.4	15
23	Magnetic fabric (anisotropy of magnetic susceptibility) constraints on emplacement mechanism of clastic dikes. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3306-3333.	3.4	5
24	Evolution of the Late Cretaceous Dadaepo Basin, SE Korea, in response to oblique subduction of the proto-Pacific (Izanagi/Kula) or Pacific plate. <i>Gondwana Research</i> , 2016, 39, 145-164.	6.0	25
25	Depositional environments and processes of the subsurface dacitic volcanoclastic deposits in the Miocene Janggi Basin, SE Korea. <i>Journal of the Geological Society of Korea</i> , 2016, 52, 775-798.	0.7	9
26	Co-located monogenetic eruptions ~200 kyr apart driven by tapping vertically separated mantle source regions, Chagwido, Jeju Island, Republic of Korea. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	23
27	Stratigraphy and age of the human footprints-bearing strata in Jeju Island, Korea: Controversies and new findings. <i>Journal of Archaeological Science: Reports</i> , 2015, 4, 264-275.	0.5	12
28	Intraplate volcanism influenced by distal subduction tectonics at Jeju Island, Republic of Korea. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	52
29	Miocene tectonic evolution of the basins and fault systems, SE Korea: dextral, simple shear during the East Sea (Sea of Japan) opening. <i>Journal of the Geological Society</i> , 2015, 172, 664-680.	2.1	65
30	The major causes of Gotjawal formation in Jeju Island. <i>Journal of the Geological Society of Korea</i> , 2015, 51, 1.	0.7	7
31	A study on potential geologic facility sites for carbon dioxide storage in the Miocene Pohang Basin, SE Korea. <i>Journal of the Geological Society of Korea</i> , 2015, 51, 53.	0.7	31
32	Geochemical fingerprinting of basaltic glass in tephra deposits underlying the human footprints-bearing strata in Jeju Island, Korea: Provenance of tephra and age of the human footprints. <i>Journal of the Geological Society of Korea</i> , 2015, 51, 105.	0.7	15
33	Determination of Rock Cleavages Using AMS (Anisotropy of Magnetic Susceptibility): a Case Study on the Geochang Granite Stone, Korea. <i>The Journal of the Petrological Society of Korea</i> , 2015, 24, 209-231.	0.2	2
34	Magnetic fabric changes through thermal treatment: a case study on the Cretaceous Gusandong Tuff in the Gyeongsang Basin, Korea. <i>Journal of the Geological Society of Korea</i> , 2015, 51, 171.	0.7	0
35	Final Magma Storage Depth Modulation of Explosivity and Trachyte-Phonolite Genesis at an Intraplate Volcano: a Case Study from Ulleung Island, South Korea. <i>Journal of Petrology</i> , 2014, 55, 709-747.	2.8	41
36	Palaeoenvironment and provenance of the Early Eocene arenaceous sequence of Neyshaboor, Binalud region, Iran. <i>Arabian Journal of Geosciences</i> , 2014, 7, 5455-5471.	1.3	3

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37	Post 19Åka B.P. eruptive history of Ulleung Island, Korea, inferred from an intra-caldera pyroclastic sequence. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	32
38	Tectonic, sedimentary, and volcanic evolution of a back-arc basin in the East Sea (Sea of Japan). <i>Marine Geology</i> , 2014, 352, 70-88.	2.1	98
39	Double injection events of mafic magma into supersolidus Yucheon granites to produce two types of mafic enclaves in the Cretaceous Gyeongsang Basin, SE Korea. <i>Mineralogy and Petrology</i> , 2014, 108, 207-229.	1.1	6
40	Synvolcanic and syntectonic sedimentation of the mixed volcanoclasticâ€“epiclastic succession in the Miocene Janggi Basin, SE Korea. <i>Sedimentary Geology</i> , 2013, 288, 40-59.	2.1	30
41	Depositional processes, paleoflow patterns, and evolution of a Miocene gravelly fan-delta system in SE Korea constrained by anisotropy of magnetic susceptibility analysis of interbedded mudrocks. <i>Marine and Petroleum Geology</i> , 2013, 48, 206-223.	3.3	23
42	Wave-planation surfaces in the mid-western East Sea (Sea of Japan): Indicators of subsidence history and paleogeographic evolution of back-arc basin. <i>Marine Geology</i> , 2013, 344, 65-81.	2.1	19
43	Jeju Island Geopark - A Volcanic Wonder of Korea. <i>Geoparks of the World</i> , 2013, , .	0.2	31
44	Formation and Evolution of the Miocene Ipcheon Subbasin in Yangbuk-myeon, Gyeongju, SE Korea. <i>The Journal of the Petrological Society of Korea</i> , 2013, 22, 19-34.	0.2	3
45	Ilchulbong tuff cone, Jeju Island, Korea, revisited: A compound monogenetic volcano involving multiple magma pulses, shifting vents, and discrete eruptive phases. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 259-274.	3.3	60
46	How Small-volume Basaltic Magmatic Systems Develop: a Case Study from the Jeju Island Volcanic Field, Korea. <i>Journal of Petrology</i> , 2012, 53, 985-1018.	2.8	78
47	Spatio-temporal evolution of a dispersed magmatic system and its implications for volcano growth, Jeju Island Volcanic Field, Korea. <i>Lithos</i> , 2012, 148, 337-352.	1.4	70
48	Geometry and kinematics of the Ocheon Fault System along the boundary between the Miocene Pohang and Janggi basins, SE Korea, and its tectonic implications. <i>Geosciences Journal</i> , 2012, 16, 253-273.	1.2	40
49	Tectonically controlled vent migration during maarâ€“diatreme formation: An example from a Miocene half-graben basin in SE Korea. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 223-224, 29-46.	2.1	29
50	The influence of magma plumbing complexity on monogenetic eruptions, Jeju Island, Korea. <i>Terra Nova</i> , 2011, 23, 70-75.	2.1	40
51	Pyroclast textures of the Ilchulbong â€“wetâ€“ tuff cone, Jeju Island, South Korea. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 201, 385-396.	2.1	23
52	Microtextures, microchemistry, and mineralogy of basaltic glass alteration, Jeju Island, Korea, with implications for elemental behavior. <i>American Mineralogist</i> , 2011, 96, 1129-1147.	1.9	10
53	Deposition from pyroclastic surges partially blocked by a topographic obstacle: an example from the Ilchulbong tuff cone, Jeju Island, Korea. <i>Geosciences Journal</i> , 2011, 15, 121-130.	1.2	6
54	Sedimentary records of rift to pull-apart tectonics in the Miocene Eoil Basin, SE Korea. <i>Sedimentary Geology</i> , 2011, 236, 256-271.	2.1	16

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55	Shallow-marine records of pyroclastic surges and fallouts over water in Jeju Island, Korea, and their stratigraphic implications. <i>Geology</i> , 2010, 38, 763-766.	4.4	30
56	Mechanisms driving polymagmatic activity at a monogenetic volcano, Udo, Jeju Island, South Korea. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 931-950.	3.1	113
57	Tectonic and sedimentary evolution of a Cretaceous continental arc-backarc system in the Korean peninsula: New view. <i>Earth-Science Reviews</i> , 2010, 101, 225-249.	9.1	238
58	Eruption and emplacement of a laterally extensive, crystal-rich, and pumice-free ignimbrite (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.1	25
59	Tephra-filled volcanic neck (diatreme) of a mafic tuff ring at Maegok, Miocene Eoil Basin, SE Korea. <i>Geosciences Journal</i> , 2008, 12, 317-329.	1.2	13
60	Primary versus secondary and subaerial versus submarine hydrovolcanic deposits in the subsurface of Jeju Island, Korea. <i>Sedimentology</i> , 2008, 55, 899-924.	3.1	72
61	Lithofacies and architecture of a basinwide tuff unit in the Miocene Eoil Basin, SE Korea: Modes of pyroclastic sedimentation, changes in eruption style, and implications for basin configuration. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 1263-1279.	3.3	21
62	Distinct sedimentary processes reflected in the isotopic signatures of dolomitic concretions in the Miocene Pohang Basin (southwestern East Sea). <i>Journal of Asian Earth Sciences</i> , 2007, 29, 939-946.	2.3	5
63	Optical dating of hydromagmatic volcanoes on the southwestern coast of Jeju Island, Korea. <i>Quaternary Geochronology</i> , 2007, 2, 266-271.	1.4	26
64	<sup>230</sup> Th/ <sup>234</sup> U dating of Holocene mollusk shells from Jeju Island, Korea, by multiple collectors inductively coupled plasma mass spectrometry. <i>Geosciences Journal</i> , 2006, 10, 67-74.	1.2	12
65	Long-runout pyroclastic surge on a Cretaceous alluvial plain, Republic of Korea. <i>Terra Nova</i> , 2005, 17, 13-24.	2.1	14
66	Composite tuff ring/cone complexes in Jeju Island, Korea: possible consequences of substrate collapse and vent migration. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 141, 157-175.	2.1	90
67	Evolution of the Miocene Waup Basin, SE Korea, in response to dextral shear along the southwestern margin of the East Sea (Sea of Japan). <i>Journal of Asian Earth Sciences</i> , 2005, 25, 529-544.	2.3	39
68	Synrift stratigraphic geometry in a transfer zone coarse-grained delta complex, Miocene Pohang Basin, SE Korea. <i>Sedimentology</i> , 2004, 51, 1387-1408.	3.1	74
69	Early-stage volcanism and sedimentation of Jeju Island revealed by the Sagye borehole, SW Jeju Island, Korea. <i>Geosciences Journal</i> , 2004, 8, 73-84.	1.2	53
70	Sedimentary characteristics and stratigraphic implications of the Kusandong Tuff, Cretaceous Gyeongsang Basin, Korea. <i>Geosciences Journal</i> , 2003, 7, 53-64.	1.2	15
71	Stratigraphy, petrochemistry and Quaternary depositional record of the Songaksan tuff ring, Jeju Island, Korea. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 119, 1-20.	2.1	63
72	Transition from debris flow to hyperconcentrated flow in a submarine channel (the Cretaceous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.1	96

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73	Sr isotopes of the Seoguipo Formation (Korea) and their application to geologic age. <i>Journal of Asian Earth Sciences</i> , 2001, 19, 701-711.	2.3	16
74	Revised stratigraphy and reinterpretation of the Miocene Pohang basinfill, SE Korea: sequence development in response to tectonism and eustasy in a back-arc basin margin. <i>Sedimentary Geology</i> , 2001, 143, 265-285.	2.1	57
75	Coarse-grained debris-flow deposits in the Miocene fan deltas, SE Korea: a scaling analysis. <i>Sedimentary Geology</i> , 2000, 130, 45-64.	2.1	48
76	Depositional Processes of Submarine Debris Flows in the Miocene Fan Deltas, Pohang Basin, SE Korea with Special Reference to Flow Transformation. <i>Journal of Sedimentary Research</i> , 2000, 70, 491-503.	1.6	131
77	Rapid development of gravelly high-density turbidity currents in marine Gilbert-type fan deltas, Loreto Basin, Baja California Sur, Mexico. <i>Sedimentology</i> , 1999, 46, 757-761.	3.1	20
78	Debris Flow and Hyperconcentrated Flood-Flow Deposits in an Alluvial Fan, Northwestern Part of the Cretaceous Yongdong Basin, Central Korea. <i>Journal of Geology</i> , 1999, 107, 111-132.	1.4	223
79	On Traction-Carpet Sedimentation. <i>Journal of Sedimentary Research</i> , 1997, Vol. 67, .	1.6	127
80	Hydrovolcanic processes forming basaltic tuff rings and cones on Cheju Island, Korea. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 1199-1211.	3.3	128
81	Geology of Tok Island, Korea: eruptive and depositional processes of a shoaling to emergent island volcano. <i>Bulletin of Volcanology</i> , 1995, 56, 660-674.	3.0	34
82	The Udo tuff cone, Cheju Island, South Korea: transformation of pyroclastic fall into debris fall and grain flow on a steep volcanic cone slope. <i>Sedimentology</i> , 1993, 40, 769-786.	3.1	66
83	The Ilchulbong tuff cone, Cheju Island, South Korea. <i>Sedimentology</i> , 1992, 39, 523-544.	3.1	104
84	Depositional mechanics and sequences of base surges, Songaksan tuff ring, Cheju Island, Korea. <i>Sedimentology</i> , 1990, 37, 1115-1135.	3.1	182
85	Depositional processes of the Suwolbong tuff ring, Cheju Island (Korea). <i>Sedimentology</i> , 1989, 36, 837-855.	3.1	219