

Jung-Hyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,556
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1926
citing authors

#	ARTICLE	IF	CITATIONS
1	New indices and calibrations derived from the distribution of crenarchaeal isoprenoid tetraether lipids: Implications for past sea surface temperature reconstructions. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4639-4654.	3.9	575
2	Occurrence and abundance of 6-methyl branched glycerol dialkyl glycerol tetraethers in soils: Implications for palaeoclimate reconstruction. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 97-112.	3.9	370
3	Long chain 1,13- and 1,15-diols as a potential proxy for palaeotemperature reconstruction. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 204-216.	3.9	111
4	Holocene climate variations in the western Antarctic Peninsula: evidence for sea ice extent predominantly controlled by changes in insolation and ENSO variability. <i>Climate of the Past</i> , 2013, 9, 1431-1446.	3.4	83
5	The C 32 alkane-1,15-diol as a tracer for riverine input in coastal seas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 202, 146-158.	3.9	48
6	Ocean temperature impact on ice shelf extent in the eastern Antarctic Peninsula. <i>Nature Communications</i> , 2019, 10, 304.	12.8	48
7	Evaluation of long chain 1,14-alkyl diols in marine sediments as indicators for upwelling and temperature. <i>Organic Geochemistry</i> , 2014, 76, 39-47.	1.8	45
8	Impact of lateral transport on organic proxies in the Southern Ocean. <i>Quaternary Research</i> , 2009, 71, 246-250.	1.7	44
9	Contribution of petroleum-derived organic carbon to sedimentary organic carbon pool in the eastern Yellow Sea (the northwestern Pacific). <i>Chemosphere</i> , 2017, 168, 1389-1399.	8.2	36
10	Source, composition and reactivity of sedimentary organic carbon in the river-dominated marginal seas: A study of the eastern Yellow Sea (the northwestern Pacific). <i>Continental Shelf Research</i> , 2016, 125, 114-126.	1.8	25
11	Temporal variation in riverine organic carbon concentrations and fluxes in two contrasting estuary systems: Geum and Seomjin, South Korea. <i>Environment International</i> , 2019, 133, 105126.	10.0	23
12	Assessing environmental changes in Lake Shihwa, South Korea, based on distributions and stable carbon isotopic compositions of n-alkanes. <i>Environmental Pollution</i> , 2018, 240, 105-115.	7.5	22
13	Biogeochemical evidence of anaerobic methane oxidation on active submarine mud volcanoes on the continental slope of the Canadian Beaufort Sea. <i>Biogeosciences</i> , 2018, 15, 7419-7433.	3.3	20
14	Distribution of long chain alkyl diols along a south-north transect of the northwestern Pacific region: Insights into a paleo sea surface nutrient proxy. <i>Organic Geochemistry</i> , 2018, 119, 80-90.	1.8	19
15	Global temperature calibration of the Long chain Diol Index in marine surface sediments. <i>Organic Geochemistry</i> , 2020, 142, 103983.	1.8	19
16	Occurrence and distribution of hydroxylated isoprenoid glycerol dialkyl glycerol tetraethers (OH-GDGTs) in the Han River system, South Korea. <i>Acta Geochimica</i> , 2017, 36, 367-369.	1.7	16
17	Seasonal contrast of particulate organic carbon (POC) characteristics in the Geum and Seomjin estuary systems (South Korea) revealed by carbon isotope ($\delta^{13}C$ and $\delta^{14}C$) analyses. <i>Water Research</i> , 2020, 187, 116442.	11.3	10
18	Application of the newly developed nutrient diol index (NDI) as a sea surface nutrient proxy in the East Sea for the last 240 years. <i>Quaternary International</i> , 2019, 503, 146-152.	1.5	6

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19	Assessment of the nutrient diol index (NDI) as a sea surface nutrient proxy using sinking particles in the East Sea. <i>Marine Chemistry</i> , 2021, 231, 103937.	2.3	6
20	Discriminative biogeochemical signatures of methanotrophs in different chemosynthetic habitats at an active mud volcano in the Canadian Beaufort Sea. <i>Scientific Reports</i> , 2019, 9, 17592.	3.3	5
21	Dual carbon isotope ($\delta^{13}\text{C}$ and $\delta^{14}\text{C}$) characterization of particulate organic carbon in the Geum and Seomjin estuaries, South Korea. <i>Marine Pollution Bulletin</i> , 2020, 150, 110719.	5.0	5
22	Geochemical and Microbial Signatures of Siboglinid Tubeworm Habitats at an Active Mud Volcano in the Canadian Beaufort Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
23	Long-term environmental changes in the Geum Estuary (South Korea): Implications of river impoundments. <i>Marine Pollution Bulletin</i> , 2021, 168, 112383.	5.0	5
24	Sources of organic matter in two contrasting tropical coastal environments: The Caribbean Sea and the eastern Pacific. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102349.	1.4	4
25	Effect of Different GC Columns on the Quantitative Analysis of Long Chain Alkyl Diols (LCDs). <i>Pada (Han'guk Haeyang Hakhoe)</i> , 2017, 22, 45-55.	0.3	3
26	When river water meets seawater: Insights into primary marine aerosol production. <i>Science of the Total Environment</i> , 2022, 807, 150866.	8.0	3
27	Molecular Distributions and Compound-Specific Stable Carbon Isotopic Compositions of Plant Wax n-Alkanes in Marine Aerosols along a North-South Transect in the Arctic-Northwest Pacific Region. <i>Atmosphere</i> , 2020, 11, 499.	2.3	0