Saburo Sakai

List of Publications by Year
in descending order

25 papers	384 citations	840776 11 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	575 citing authors

#	Article	IF	Citations
1	Molecular Recognition of the Hybridâ€2 Human Telomeric Gâ€Quadruplex by Epiberberine: Insights into Conversion of Telomeric Gâ€Quadruplex Structures. Angewandte Chemie - International Edition, 2018, 57, 10888-10893.	13.8	74
2	Pliocene cooling enhanced by flow of low-salinity Bering Sea water to the Arctic Ocean. Nature Communications, 2015, 6, 7587.	12.8	45
3	Marine Os isotopic evidence for multiple volcanic episodes during Cretaceous Oceanic Anoxic Event 1b. Scientific Reports, 2020, 10, 12601.	3.3	39
4	Large changes in seasonal sea ice distribution and productivity in the Sea of Okhotsk during the deglaciations. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	30
5	Hydrogen sulfide and organic carbon at the sedimentâ€“water interface in coastal brackish Lake Nakaumi, SW Japan. Environmental Earth Sciences, 2013, 68, 1999-2006.	2.7	24
6	High-Precision Simultaneous ¹⁸O/¹⁶O, ¹³C/¹²C, and ¹⁷O/¹⁶O Analyses for Microgram Quantities of CaCO₃ by Tunable Infrared Laser Absorption Spectroscopy. Analytical Chemistry, 2017, 89, 11846-11852.	6.5	22
7	Geology and age model of the <scp>L</scp>ower <scp>P</scp>leistocene <scp>N</scp>ojima, <scp>O</scp>funa, and <scp>K</scp>oshiba Formations of the middle <scp>K</scp>azusa <scp>G</scp>roup, a forearc basinâ€fill sequence on the <scp>M</scp>iura <scp>P</scp>eninsula, the <scp>P</scp>acific side of central <scp>J</scp>apan. Island Arc, 2014, 23, 157-179.	1.1	17
8	Rapid and Precise Analysis of Carbon Dioxide Clumped Isotopic Composition by Tunable Infrared Laser Differential Spectroscopy. Analytical Chemistry, 2020, 92, 2034-2042.	6.5	16
9	Characterization of magnetic particles and magnetostratigraphic dating of shallow-water carbonates in the Ryukyu Islands, northwestern Pacific. Island Arc, 2006, 15, 468-475.	1.1	15
10	Micropowder collecting technique for stable isotope analysis of carbonates. Rapid Communications in Mass Spectrometry, 2011, 25, 1205-1208.	1.5	12
11	Fossil otoliths, from the Gulf of Kutch, Western India, as a paleo-archive for the mid- to late-Holocene environment. Quaternary International, 2016, 397, 281-288.	1.5	11
12	Molecular Recognition of the Hybridâ€2 Human Telomeric Gâ€Quadruplex by Epiberberine: Insights into Conversion of Telomeric Gâ€Quadruplex Structures. Angewandte Chemie, 2018, 130, 11054-11059.	2.0	11
13	Migration history of an ariid Indian catfish reconstructed by otolith Sr/Ca and <i>Î´</i>¹⁸O micro-analysis. Geochemical Journal, 2015, 49, 469-480.	1.0	11
14	Seaâ€ice conditions in the Okhotsk Sea during the last 550 kyr deduced from environmental magnetism. Geochemistry, Geophysics, Geosystems, 2013, 14, 5026-5040.	2.5	10
15	Pulsed Terahertz Radiation for Sensitive Quantification of Carbonate Minerals. ACS Omega, 2019, 4, 2702-2707.	3.5	10
16	Micromilling and sample recovering techniques using high-precision micromill â€œGEOMILL326â€. JAMSTEC Report of Research and Development, 2009, 2009, 35-39.	0.2	8
17	Discrimination of eastward trans-Pacific migration of the Pacific bluefin tuna Thunnus orientalis through otolith Î´13C and Î´18O analyses. Marine Biology, 2020, 167, 1.	1.5	6
18	Identification of a Soil Liquefied Layer due to the 2011 off the Pacfic coast of Tohoku Earthquake Using X-ray CT Scan Imaging:. Journal of the Geological Society of Japan, 2012, 118, 410-418.	0.6	6

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19	Biotic response of benthic foraminifera in Aso-kai lagoon, central Japan, to changes in terrestrial climate and ocean conditions (~AD 700â€“1600). Journal of Paleolimnology, 2014, 51, 421-435.	1.6	5
20	Subnanomolar Sensitive Stable Isotopic Determination in CO₂ by Tunable Infrared Laser Absorption Spectroscopy. Analytical Chemistry, 2022, 94, 6446-6450.	6.5	5
21	In situ measurement of time-series two dimensional O2 distributions at sediment-water interface using a planar O2 optode system connected with a submarine cable. , 2007, , .		2
22	A Practical Cryogen-Free CO₂ Purification and Freezing Technique for Stable Isotope Analysis. Analytical Chemistry, 2017, 89, 4409-4412.	6.5	2
23	Sexual dimorphism in shell growth of the oviparous boreal scallop Swiftopecten swiftii (Bivalvia:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	2
24	Hypolimnetic Transitions and Sand-bar Development in Aso-kai Lagoon (Central Japan) during the Past 1,200 Years, Inferred from Benthic Foraminifera. The Quaternary Research, 2006, 45, 361-373.	0.1	1
25	Cold-seep-dependent fossil assemblages in the middle Pleistocene Kakinokidai Formation at Kawayatsu, Kimitsu City, Japan. Journal of the Geological Society of Japan, 2019, 125, 655-683.	0.6	0