

# Saburo Sakai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4219652/publications.pdf>

Version: 2024-02-01

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	Subnanomolar Sensitive Stable Isotopic Determination in CO <sub>2</sub> by Tunable Infrared Laser Absorption Spectroscopy. <i>Analytical Chemistry</i> , 2022, 94, 6446-6450.	6.5	5
2	Rapid and Precise Analysis of Carbon Dioxide Clumped Isotopic Composition by Tunable Infrared Laser Differential Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 2034-2042.	6.5	16
3	Marine Os isotopic evidence for multiple volcanic episodes during Cretaceous Oceanic Anoxic Event 1b. <i>Scientific Reports</i> , 2020, 10, 12601.	3.3	39
4	Discrimination of eastward trans-Pacific migration of the Pacific bluefin tuna <i>Thunnus orientalis</i> through otolith $\delta^{13}C$ and $\delta^{18}O$ analyses. <i>Marine Biology</i> , 2020, 167, 1.	1.5	6
5	Sexual dimorphism in shell growth of the oviparous boreal scallop <i>Swiftopecten swiftii</i> (Bivalvia). <i>Tj ETQq1 1 0.784314 rgBT /Qverlock</i>	1.2	2
6	Pulsed Terahertz Radiation for Sensitive Quantification of Carbonate Minerals. <i>ACS Omega</i> , 2019, 4, 2702-2707.	3.5	10
7	Cold-seep-dependent fossil assemblages in the middle Pleistocene Kakinokidai Formation at Kawayatsu, Kimitsu City, Japan. <i>Journal of the Geological Society of Japan</i> , 2019, 125, 655-683.	0.6	0
8	Molecular Recognition of the Hybrid Human Telomeric Quadruplex by Epiberberine: Insights into Conversion of Telomeric Quadruplex Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10888-10893.	13.8	74
9	Molecular Recognition of the Hybrid Human Telomeric Quadruplex by Epiberberine: Insights into Conversion of Telomeric Quadruplex Structures. <i>Angewandte Chemie</i> , 2018, 130, 11054-11059.	2.0	11
10	A Practical Cryogen-Free CO <sub>2</sub> Purification and Freezing Technique for Stable Isotope Analysis. <i>Analytical Chemistry</i> , 2017, 89, 4409-4412.	6.5	2
11	High-Precision Simultaneous <sup>18</sup> O/ <sup>16</sup> O, <sup>13</sup> C/ <sup>12</sup> C, and <sup>17</sup> O/ <sup>16</sup> O Analyses for Microgram Quantities of CaCO <sub>3</sub> by Tunable Infrared Laser Absorption Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 11846-11852.	6.5	22
12	Fossil otoliths, from the Gulf of Kutch, Western India, as a paleo-archive for the mid- to late-Holocene environment. <i>Quaternary International</i> , 2016, 397, 281-288.	1.5	11
13	Pliocene cooling enhanced by flow of low-salinity Bering Sea water to the Arctic Ocean. <i>Nature Communications</i> , 2015, 6, 7587.	12.8	45
14	Migration history of an ariid Indian catfish reconstructed by otolith Sr/Ca and $\delta^{18}O$ micro-analysis. <i>Geochemical Journal</i> , 2015, 49, 469-480.	1.0	11
15	Biotic response of benthic foraminifera in Aso-kai lagoon, central Japan, to changes in terrestrial climate and ocean conditions (~AD 700-1600). <i>Journal of Paleolimnology</i> , 2014, 51, 421-435.	1.6	5
16	Geology and age model of the Lower Pleistocene Nijima, Oshiba, and Koshiba Formations of the middle Kuzusa Group, a forearc basin fill sequence on the Pacific side of central Japan. <i>Island Arc</i> , 2014, 23, 157-179.	1.1	17
17	Hydrogen sulfide and organic carbon at the sediment-water interface in coastal brackish Lake Nakaumi, SW Japan. <i>Environmental Earth Sciences</i> , 2013, 68, 1999-2006.	2.7	24
18	Sea-ice conditions in the Okhotsk Sea during the last 550 kyr deduced from environmental magnetism. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5026-5040.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Identification of a Soil Liquefied Layer due to the 2011 off the Pacific coast of Tohoku Earthquake Using X-ray CT Scan Imaging. Journal of the Geological Society of Japan, 2012, 118, 410-418.	0.6	6
20	Micropowder collecting technique for stable isotope analysis of carbonates. Rapid Communications in Mass Spectrometry, 2011, 25, 1205-1208.	1.5	12
21	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
22	Micromilling and sample recovering techniques using high-precision micromill "GEOMILL326". JAMSTEC Report of Research and Development, 2009, 2009, 35-39.	0.2	8
23	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
24	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
25	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