

# Jianguo Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,280  
citations

430874

18  
h-index

377865

34  
g-index

49  
all docs

49  
docs citations

49  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategy for promoting carbon flux into fatty acid and astaxanthin biosynthesis by inhibiting the alternative oxidase respiratory pathway in <i>Haematococcus pluvialis</i> . <i>Bioresource Technology</i> , 2022, 344, 126275.	9.6	10
2	An Intertropical Convergence Zone shift controlled the terrestrial material supply on the Ninetyeast Ridge. <i>Climate of the Past</i> , 2022, 18, 1369-1384.	3.4	4
3	Rotifers release a lipid-soluble agent that inhibits photosynthetic electron transport in <i>Chlorella</i> sp. <i>Journal of Applied Phycology</i> , 2021, 33, 57-65.	2.8	2
4	Dietary <i>Haematococcus pluvialis</i> powder supplementation affect carotenoid content, astaxanthin isomer, antioxidant capacity and immune-related gene expression in Pacific white shrimp, <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2021, 52, 2403-2414.	1.8	11
5	Meridional migration of Indian Ocean Monsoon precipitation during the early Holocene: Evidence from the Andaman Sea. <i>Quaternary Science Reviews</i> , 2021, 267, 107102.	3.0	10
6	Contribution of continuously stable sediment input to the formation of the Pearl River delta since the middle Holocene. <i>Quaternary International</i> , 2021, 598, 78-89.	1.5	3
7	The influence of mesoscale eddies on sedimentary processes in the western South China Sea since 32 kyr BP. <i>Marine Geology</i> , 2021, 441, 106621.	2.1	7
8	DFT and Raman study of all-trans astaxanthin optical isomers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120143.	3.9	8
9	The present-day atmospheric dust deposition process in the South China Sea. <i>Atmospheric Environment</i> , 2020, 223, 117261.	4.1	8
10	Astaxanthin isomers: Selective distribution and isomerization in aquatic animals. <i>Aquaculture</i> , 2020, 520, 734915.	3.5	47
11	Distribution, sources and chemical screening-level assessment of toxic metals in the northern Bay of Bengal, Bangladesh. <i>Marine Pollution Bulletin</i> , 2020, 150, 110676.	5.0	9
12	Chemical inhibition of <i>Chlorella</i> sp. by rotifers. <i>Journal of Phycology</i> , 2020, 56, 1255-1263.	2.3	0
13	Anthropogenic effect on heavy metal contents in surface sediments of the Bengal Basin river system, Bangladesh. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19688-19702.	5.3	15
14	Sedimentary records of nitrogen isotope in the western tropical Pacific linked to the eastern tropical Pacific denitrification during the last deglacial time. <i>Geo-Marine Letters</i> , 2020, 40, 89-99.	1.1	3
15	The natural triterpenoid toosendanin as a potential control agent of the ciliate <i>Stylonychia mytilus</i> in microalgal cultures. <i>Journal of Applied Phycology</i> , 2019, 31, 41-48.	2.8	10
16	Inconsistent sea surface temperature and salinity changing trend in the northern South China Sea since 7.0 ka BP. <i>Journal of Asian Earth Sciences</i> , 2019, 171, 178-186.	2.3	8
17	Source-to-sink processes of fluvial sediments in the northern South China Sea: Constraints from river sediments in the coastal region of South China. <i>Journal of Asian Earth Sciences</i> , 2019, 185, 104020.	2.3	23
18	High-resolution palynological record for vegetation and environment change during MIS 2 in the southern South China Sea. <i>Marine Micropaleontology</i> , 2019, 151, 101769.	1.2	4

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19	New archive of another significant potential sediment source in the South China Sea. <i>Marine Geology</i> , 2019, 410, 16-21.	2.1	10
20	Staged fine-grained sediment supply from the Himalayas to the Bengal Fan in response to climate change over the past 50,000 years. <i>Quaternary Science Reviews</i> , 2019, 212, 164-177.	3.0	21
21	Clay mineral compositions in surface sediments of the Ganges-Brahmaputra-Meghna river system of Bengal Basin, Bangladesh. <i>Marine Geology</i> , 2019, 412, 27-36.	2.1	44
22	Geochemistry of core sediments along the Active Channel, northeastern Indian Ocean over the past 50,000 years: Sources and climatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 521, 151-160.	2.3	11
23	Sediment provenance in the western Pacific warm pool from the last glacial maximum to the early Holocene: Implications for ocean circulation and climatic change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 493, 55-63.	2.3	4
24	Modern pollen distribution in the northeastern Indian Ocean and its significance. <i>International Journal of Biometeorology</i> , 2018, 62, 1471-1488.	3.0	4
25	Temporal and spatial patterns of sediment deposition in the northern South China Sea over the last 50,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 212-224.	2.3	41
26	Bottom water hydrodynamic provinces and transport patterns of the northern South China Sea: Evidence from grain size of the terrigenous sediments. <i>Continental Shelf Research</i> , 2017, 140, 11-26.	1.8	35
27	Changes in intermediate water conditions in the northern South China Sea using <i>Globorotalia inflata</i> over the last 20 ka. <i>Journal of Quaternary Science</i> , 2017, 32, 1037-1048.	2.1	6
28	Sedimentary responses to sea-level rise and Kuroshio Current intrusion since the Last Glacial Maximum: Grain size and clay mineral evidence from the northern South China Sea slope. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 450, 111-121.	2.3	31
29	Characteristics of pollen in surface sediments from the southern South China Sea and its paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 12-28.	2.3	13
30	Transportation modes of pollen in surface waters in the South China Sea and their environmental significance. <i>Review of Palaeobotany and Palynology</i> , 2016, 225, 95-105.	1.5	11
31	Source-to-sink transport processes of fluvial sediments in the South China Sea. <i>Earth-Science Reviews</i> , 2016, 153, 238-273.	9.1	351
32	Seasonal flux variability of planktonic foraminifera during 2009–2011 in a sediment trap from Xisha Trough, South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2015, 18, 403-413.	0.6	5
33	Biogenic silica in surface sediments of the South China Sea: Controlling factors and paleoenvironmental implications. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 122, 142-152.	1.4	23
34	Clay mineral assemblages at IODP Site U1340 in the Bering Sea and their paleoclimatic significance. <i>Science China Earth Sciences</i> , 2015, 58, 707-717.	5.2	6
35	Comment on ‘‘Holocene evolution in weathering and erosion patterns in the Pearl River delta’’ by Hu et al.. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2727-2731.	2.5	5
36	Screening of unicellular microalgae for biofuels and bioactive products and development of a pilot platform. <i>Algological Studies (Stuttgart, Germany: 2007)</i> , 2014, 145-146, 99-117.	0.4	13

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37	Modern transport and deposition of settling particles in the northern South China Sea: Sediment trap evidence adjacent to Xisha Trough. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 93, 145-155.	1.4	62
38	Modern pollen distribution in marine sediments from the northern part of the South China Sea. <i>Marine Micropaleontology</i> , 2014, 108, 41-56.	1.2	34
39	Phase evolution of Holocene paleoenvironmental changes in the southern Yellow Sea: Benthic foraminiferal evidence from core C02. <i>Journal of Ocean University of China</i> , 2013, 12, 629-638.	1.2	12
40	Influence of the Kuroshio Current intrusion on Holocene environmental transformation in the South China Sea. <i>Holocene</i> , 2013, 23, 850-859.	1.7	20
41	Sources, transport and deposition of surface sediments from the South China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 71, 92-102.	1.4	73
42	Sediment sources and their contribution along northern coast of the South China Sea: Evidence from clay minerals of surface sediments. <i>Continental Shelf Research</i> , 2012, 47, 156-164.	1.8	45
43	Abrupt change of sediment records in the southern South China Sea during the last glacial period and its environment significance. <i>Quaternary International</i> , 2011, 237, 109-122.	1.5	12
44	Influence of the Kuroshio current intrusion on depositional environment in the Northern South China Sea: Evidence from surface sediment records. <i>Marine Geology</i> , 2011, 285, 59-68.	2.1	58
45	Clay mineral distribution in surface sediments of the South China Sea and its significance for in sediment sources and transport. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 407-415.	0.7	42
46	Magnetic susceptibility variations and provenance of surface sediments in the South China Sea. <i>Sedimentary Geology</i> , 2010, 230, 77-85.	2.1	46
47	Planktonic foraminiferal records of East Asia monsoon changes in the southern South China Sea during the last 40,000years. <i>Marine Micropaleontology</i> , 2009, 73, 1-13.	1.2	24
48	Magnetic susceptibility in surface sediments in the southern South China Sea and its implication for sub-sea methane venting. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 193-204.	3.2	14
49	Cold event at 5 500 a BP recorded in mud sediments on the inner shelf of the East China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2009, 27, 975-984.	0.7	22