

Jun Tian

List of Publications by Year in descending order

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35
papers

1,863
citations

430442

18
h-index

360668

35
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35
all docs

35
docs citations

35
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	Ice sheet and terrestrial input impacts on the 100-kyr ocean carbon cycle during the Middle Miocene. <i>Global and Planetary Change</i> , 2022, 208, 103723.	1.6	3
2	The Late Miocene Carbon Isotope Shift driven by synergetic terrestrial processes: A box-model study. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117457.	1.8	4
3	Biochronostratigraphy of the western equatorial Atlantic for the last 1.93 Ma. <i>Quaternary International</i> , 2021, 598, 24-37.	0.7	5
4	Dole effect as a measurement of the low-latitude hydrological cycle over the past 800 ka. <i>Science Advances</i> , 2020, 6, .	4.7	19
5	An astronomically dated record of Earth's climate and its predictability over the last 66 million years. <i>Science</i> , 2020, 369, 1383-1387.	6.0	791
6	Phytoplankton Community Structure at Subsurface Chlorophyll Maxima on the Western Arctic Shelf: Patterns, Causes, and Ecological Importance. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005570.	1.3	17
7	Eastern equatorial Pacific cold tongue evolution since the late Miocene linked to extratropical climate. <i>Science Advances</i> , 2019, 5, eaau6060.	4.7	30
8	Late Miocene to Holocene high-resolution eastern equatorial Pacific carbonate records: stratigraphy linked by dissolution and paleoproductivity. <i>Climate of the Past</i> , 2019, 15, 1715-1739.	1.3	21
9	Precession and glacial-cycle controls of monsoon precipitation isotope changes over East Asia during the Pleistocene. <i>Earth and Planetary Science Letters</i> , 2018, 494, 1-11.	1.8	23
10	Paleoceanography of the east equatorial Pacific over the past 16 Myr and Pacific-Atlantic comparison: High resolution benthic foraminiferal $\delta^{18}O$ and $\delta^{13}C$ records at IODP Site U1337. <i>Earth and Planetary Science Letters</i> , 2018, 499, 185-196.	1.8	30
11	Late Miocene climate and time scale reconciliation: Accurate orbital calibration from a deep-sea perspective. <i>Earth and Planetary Science Letters</i> , 2017, 475, 254-266.	1.8	41
12	Revisiting the Ceara Rise, equatorial Atlantic Ocean: isotope stratigraphy of ODP Leg 154 from 0 to 5 Ma. <i>Climate of the Past</i> , 2017, 13, 779-793.	1.3	58
13	Simulation of export production and biological pump structure in the South China Sea. <i>Geo-Marine Letters</i> , 2014, 34, 541-554.	0.5	16
14	Long-term cycles in the carbon reservoir of the Quaternary ocean: a perspective from the South China Sea. <i>National Science Review</i> , 2014, 1, 119-143.	4.6	62
15	Synchronous mid-Miocene upper and deep oceanic $\delta^{13}C$ changes in the east equatorial Pacific linked to ocean cooling and ice sheet expansion. <i>Earth and Planetary Science Letters</i> , 2014, 406, 72-80.	1.8	24
16	Modeling the contribution of dissolved organic carbon to carbon sequestration during the last glacial maximum. <i>Geo-Marine Letters</i> , 2014, 34, 471-482.	0.5	9
17	Modeling the long-term variability of phytoplankton functional groups and primary productivity in the South China Sea. <i>Journal of Oceanography</i> , 2013, 69, 527-544.	0.7	17
18	Coherent variations of the obliquity components in global ice volume and ocean carbon reservoir over the past 5 Ma. <i>Science China Earth Sciences</i> , 2013, 56, 2160-2172.	2.3	2

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19	Obliquity and long eccentricity pacing of the Middle Miocene climate transition. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1740-1755.	1.0	43
20	X-ray fluorescence core scanning records of chemical weathering and monsoon evolution over the past 5 Myr in the southern South China Sea. <i>Paleoceanography</i> , 2011, 26, .	3.0	71
21	Simulation of long eccentricity (400-kyr) cycle in ocean carbon reservoir during Miocene Climate Optimum: Weathering and nutrient response to orbital change. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	65
22	Interhemispheric symmetry of the tropical African rainbelt over the past 23,000 years. <i>Nature Geoscience</i> , 2011, 4, 42-45.	5.4	110
23	Millennial-scale dynamics of the winter cold tongue in the southern South China Sea over the past 26 ka and the East Asian winter monsoon. <i>Quaternary Research</i> , 2011, 75, 196-204.	1.0	112
24	Astronomically modulated late Pliocene equatorial Pacific climate transition and Northern Hemisphere ice sheet expansion. <i>Science Bulletin</i> , 2010, 55, 212-220.	1.7	7
25	Warming magnitude of Indonesian Throughflow during the penultimate deglaciation (Termination II) and its relationship with climate change in high-latitude regions. <i>Science Bulletin</i> , 2010, 55, 3709-3717.	1.7	2
26	Melt-Water-Pulse (MWP) events and abrupt climate change of the last deglaciation. <i>Science Bulletin</i> , 2008, 53, 2867-2878.	4.3	2
27	Astronomically modulated Neogene sediment records from the South China Sea. <i>Paleoceanography</i> , 2008, 23, .	3.0	72
28	Quaternary biogenic opal records in the South China Sea: Linkages to East Asian monsoon, global ice volume and orbital forcing. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 710-724.	0.9	23
29	Carbon isotopic record of foraminifers in surface sediments from the South China Sea and its significance. <i>Science Bulletin</i> , 2005, 50, 162-166.	1.7	2
30	Forcing mechanism of the Pleistocene east Asian monsoon variations in a phase perspective. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1708-1717.	0.9	12
31	Quaternary upper ocean thermal gradient variations in the South China Sea: Implications for east Asian monsoon climate. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	54
32	Responses of foraminiferal isotopic variations at ODP Site 1143 in the southern South China Sea to orbital forcing. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 943-953.	0.9	5
33	Major Pleistocene stages in a carbon perspective: The South China Sea record and its global comparison. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	90
34	Pleistocene precession forcing of the upper ocean structure variations of the southern South China Sea*. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 1004-1009.	1.8	7
35	Calcium carbonate pump during Quaternary glacial cycles in the South China Sea. <i>Science Bulletin</i> , 2003, 48, 1862-1869.	1.7	14