

# Yi Ge Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,245  
citations

361413

20  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining conifer physiological parameters in leaf gas-exchange models for ancient CO <sub>2</sub> reconstruction. <i>Global and Planetary Change</i> , 2022, 209, 103737.	3.5	9
2	Methane hydrate dissociation across the Oligocene–Miocene boundary. <i>Nature Geoscience</i> , 2022, 15, 203-209.	12.9	25
3	Different temperature dependence of marine-derived brGDGT isomers in a sediment core from the Chukchi Sea shelf. <i>Organic Geochemistry</i> , 2021, 152, 104169.	1.8	3
4	Atmospheric CO <sub>2</sub> over the Past 66 Million Years from Marine Archives. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 609-641.	11.0	156
5	Proxies for paleo-oxygenation: A downcore comparison between benthic foraminiferal surface porosity and I/Ca. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 579, 110588.	2.3	6
6	Refining the alkenone-pCO <sub>2</sub> method II: Towards resolving the physiological parameter $\hat{\alpha}^b$ . <i>Geochimica Et Cosmochimica Acta</i> , 2020, 281, 118-134.	3.9	20
7	Past climates inform our future. <i>Science</i> , 2020, 370, .	12.6	253
8	Aridity-driven decoupling of $\delta^{13}C$ between pedogenic carbonate and soil organic matter. <i>Geology</i> , 2020, 48, 981-985.	4.4	11
9	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. <i>Geoscientific Model Development</i> , 2019, 12, 3149-3206.	3.6	131
10	Low CO <sub>2</sub> levels of the entire Pleistocene epoch. <i>Nature Communications</i> , 2019, 10, 4342.	12.8	36
11	Microbial and Geochronologic Constraints on the Neogene Paleotopography of Northern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2019, 46, 1312-1319.	4.0	34
12	Refining the alkenone-pCO <sub>2</sub> method I: Lessons from the Quaternary glacial cycles. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 177-191.	3.9	23
13	Export Depth of the TEX <sub>86</sub> Signal. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 666-671.	2.9	34
14	Improved efficiency of the biological pump as a trigger for the Late Ordovician glaciation. <i>Nature Geoscience</i> , 2018, 11, 510-514.	12.9	36
15	Monsoonal upwelling in the western Arabian Sea since the middle Miocene. <i>Geology</i> , 2017, 45, 655-658.	4.4	37
16	A long history of equatorial deep-water upwelling in the Pacific Ocean. <i>Earth and Planetary Science Letters</i> , 2017, 467, 1-9.	4.4	26
17	Evaluating Production of Cyclopentyl Tetraethers by Marine Group II Euryarchaeota in the Pearl River Estuary and Coastal South China Sea: Potential Impact on the TEX <sub>86</sub> Paleothermometer. <i>Frontiers in Microbiology</i> , 2017, 8, 2077.	3.5	13
18	Compound-Specific Isotope Analysis. <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 1-4.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Ring Index: A new strategy to evaluate the integrity of TEX <sub>86</sub> paleothermometry. <i>Paleoceanography</i> , 2016, 31, 220-232.	3.0	121
20	Stable carbon isotope ratios of intact GDGTs indicate heterogeneous sources to marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 181, 18-35.	3.9	61
21	An Early Pleistocene atmospheric CO <sub>2</sub> record based on pedogenic carbonate from the Chinese loess deposits. <i>Earth and Planetary Science Letters</i> , 2015, 426, 69-75.	4.4	14
22	Response to Comment on "A 12-million-year temperature history of the tropical Pacific Ocean". <i>Science</i> , 2014, 346, 1467-1467.	12.6	6
23	A 12-Million-Year Temperature History of the Tropical Pacific Ocean. <i>Science</i> , 2014, 344, 84-87.	12.6	227
24	Clumped isotope thermometry of cryogenic cave carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 541-554.	3.9	31
25	A 40-million-year history of atmospheric CO <sub>2</sub> . <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130096.	3.4	344
26	An interlaboratory study of TEX <sub>86</sub> and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
27	Methane Index: A tetraether archaeal lipid biomarker indicator for detecting the instability of marine gas hydrates. <i>Earth and Planetary Science Letters</i> , 2011, 307, 525-534.	4.4	233
28	Temperature and pH controls on glycerol dibiphytanyl glycerol tetraether lipid composition in the hyperthermophilic crenarchaeon <i>Acidilobus sulfurreducens</i> . <i>Extremophiles</i> , 2011, 15, 59-65.	2.3	83
29	Mid-Pliocene Asian monsoon intensification and the onset of Northern Hemisphere glaciation. <i>Geology</i> , 2009, 37, 599-602.	4.4	85
30	High resolution hematite and goethite records from ODP 1143, South China Sea: Co-evolution of monsoonal precipitation and El Niño over the past 600,000 years. <i>Earth and Planetary Science Letters</i> , 2007, 264, 136-150.	4.4	107