

# Yuan Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5079029/publications.pdf>

Version: 2024-02-01

23  
papers

609  
citations

623734

14  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	High elevation of Jiaolai Basin during the Late Cretaceous: Implication for the coastal mountains along the East Asian margin. <i>Earth and Planetary Science Letters</i> , 2016, 456, 112-123.	4.4	80
2	Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous. <i>Geology</i> , 2015, 43, 287-290.	4.4	76
3	Organic carbon burial is paced by a ~173-ka obliquity cycle in the middle to high latitudes. <i>Science Advances</i> , 2021, 7, .	10.3	51
4	Evaluating Late Cretaceous OAEs and the influence of marine incursions on organic carbon burial in an expansive East Asian paleo-lake. <i>Earth and Planetary Science Letters</i> , 2018, 484, 41-52.	4.4	50
5	Deccan volcanism caused coupled pCO <sub>2</sub> and terrestrial temperature rises, and pre-impact extinctions in northern China. <i>Geology</i> , 2018, 46, 271-274.	4.4	50
6	Astronomical forcing of Middle Permian terrestrial climate recorded in a large paleolake in northwestern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 550, 109735.	2.3	42
7	Continental Scientific Drilling Project of Cretaceous Songliao Basin: Scientific objectives and drilling technology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 385, 6-16.	2.3	41
8	Paleoenvironmental setting, mechanism and consequence of massive organic carbon burial in the Permian Junggar Basin, NW China. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104222.	2.3	31
9	Clay mineralogy of the middle Mingshui Formation (upper Campanian to lower Maastrichtian) from the SKIn borehole in the Songliao Basin, NE China: Implications for palaeoclimate and provenance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 385, 162-170.	2.3	27
10	Terrestrial climate in mid-latitude East Asia from the latest Cretaceous to the earliest Paleogene: A multiproxy record from the Songliao Basin in northeastern China. <i>Earth-Science Reviews</i> , 2021, 216, 103572.	9.1	25
11	Progress on Continental Scientific Drilling Project of Cretaceous Songliao Basin (SK-1 and SK-2). <i>Science Bulletin</i> , 2019, 64, 73-75.	9.0	23
12	Astronomical constraints on the development of alkaline lake during the Carboniferous-Permian Period in North Pangea. <i>Global and Planetary Change</i> , 2021, 207, 103681.	3.5	20
13	Diagenetic and Paleoenvironmental Controls on Late Cretaceous Clay Minerals in the Songliao Basin, Northeast China. <i>Clays and Clay Minerals</i> , 2015, 63, 469-484.	1.3	18
14	Nucleation and stabilization of Eocene dolomite in evaporative lacustrine deposits from central Tibetan plateau. <i>Sedimentology</i> , 2020, 67, 3333-3354.	3.1	15
15	Pore Characteristics of Lacustrine Shale Oil Reservoir in the Cretaceous Qingshankou Formation of the Songliao Basin, NE China. <i>Energies</i> , 2020, 13, 2027.	3.1	12
16	Clay mineralogy of the first and second members of the Nenjiang Formation, Songliao Basin: Implications for paleoenvironment in the Late Cretaceous. <i>Science China Earth Sciences</i> , 2018, 61, 327-338.	5.2	11
17	An Unbroken Record of Climate During the Age of Dinosaurs. <i>Eos</i> , 2021, 102, .	0.1	11
18	Clay mineralogical evidence for mid-latitude terrestrial climate change from the latest Cretaceous through the earliest Paleogene in the Songliao Basin, NE China. <i>Cretaceous Research</i> , 2021, 124, 104827.	1.4	11

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19	Source/reservoir characteristics and shale gas "sweet spot" interval in Shahezi mudstone of Well SKII in Songliao Basin, NE China. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	4
20	Fine-grained gravity flow deposits and their depositional processes: A case study from the Cretaceous Nenjiang Formation, Songliao Basin, NE China. <i>Geological Journal</i> , 2021, 56, 1496-1509.	1.3	4
21	Mineralogical Evolution of the Cretaceous Strata in the Songliao Basin, Northeastern China: Implications for Thermal History and Paleoenvironmental Evolution. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1101.	2.0	3
22	Continental Scientific Drilling of Cretaceous Songliao Basin. <i>Acta Geologica Sinica</i> , 2019, 93, 4-4.	1.4	1
23	Controlling Factors for Organic Carbon Burial in the Late Cretaceous Nenjiang Formation of the Songliao Basin, NE China. <i>Energies</i> , 2021, 14, 4783.	3.1	1