

# Yihua Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2401652/publications.pdf>

Version: 2024-02-01

17  
papers

511  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and export fluxes of inorganic and organic carbon and nutrient species from the seasonally ice-covered Yukon River. <i>Biogeochemistry</i> , 2012, 107, 187-206.	3.5	91
2	Abundance, stable isotopic composition, and export fluxes of DOC, POC, and DIC from the Lower Mississippi River during 2006–2008. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2273-2288.	3.0	74
3	Abundance and variation of colloidal organic phosphorus in riverine, estuarine, and coastal waters in the northern Gulf of Mexico. <i>Limnology and Oceanography</i> , 2009, 54, 1393-1402.	3.1	60
4	Temporal variations in organic carbon species and fluxes from the Chena River, Alaska. <i>Limnology and Oceanography</i> , 2008, 53, 1408-1419.	3.1	58
5	The source and distribution of dissolved and particulate organic matter in the Bay of St. Louis, northern Gulf of Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 96, 96-104.	2.1	35
6	Preferential removal of dissolved carbohydrates during estuarine mixing in the Bay of Saint Louis in the northern Gulf of Mexico. <i>Marine Chemistry</i> , 2010, 119, 130-138.	2.3	28
7	Nutrient regulation of biological nitrogen fixation across the tropical western North Pacific. <i>Science Advances</i> , 2022, 8, eabl7564.	10.3	28
8	Nutrient co-limitation in the subtropical Northwest Pacific. <i>Limnology and Oceanography Letters</i> , 2022, 7, 52-61.	3.9	25
9	Floodplain influence on carbon speciation and fluxes from the lower Pearl River, Mississippi. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 186, 189-206.	3.9	23
10	Dynamic changes in size-fractionated dissolved organic matter composition in a seasonally ice-covered Arctic River. <i>Limnology and Oceanography</i> , 2021, 66, 3085-3099.	3.1	22
11	Effects of tropical cyclones on river chemistry: A case study of the lower Pearl River during Hurricanes Gustav and Ike. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 129, 180-188.	2.1	19
12	Sources and mixing behavior of chromophoric dissolved organic matter in the Taiwan Strait. <i>Marine Chemistry</i> , 2016, 187, 43-56.	2.3	11
13	Variations in abundance and size distribution of carbohydrates in the lower Mississippi River, Pearl River and Bay of St Louis. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 126, 61-69.	2.1	10
14	Seasonal variations in strontium and carbon isotope systematics in the Lower Mississippi River: Implications for chemical weathering. <i>Chemical Geology</i> , 2020, 553, 119810.	3.3	10
15	On the integrity of a commercial cassette ultrafiltration membrane: implications for marine colloidal biogeochemistry. <i>Acta Oceanologica Sinica</i> , 2014, 33, 109-116.	1.0	8
16	Isotopic Constraint on the Sources and Biogeochemical Cycling of Nitrate in the Jiulong River Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005850.	3.0	8
17	Sources and conservative mixing of uranium in the Taiwan Strait. <i>Acta Oceanologica Sinica</i> , 2017, 36, 72-81.	1.0	1