

Xiaogang Chen

List of Publications by Year in descending order

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20
papers

662
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759233

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times ranked

407
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Characterization of dissolved organic matter in submarine groundwater from a salt marsh in Chongming Island, China. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 128-141. | 1.3 | 6 |
| 2 | Surface Water and Groundwater Interactions in Salt Marshes and Their Impact on Plant Ecology and Coastal Biogeochemistry. <i>Reviews of Geophysics</i> , 2022, 60, . | 23.0 | 61 |
| 3 | Porewater exchange flushes blue carbon from intertidal saltmarsh sediments into the sea. <i>Limnology and Oceanography Letters</i> , 2022, 7, 312-320. | 3.9 | 21 |
| 4 | Porewater-Derived Blue Carbon Outwelling and Greenhouse Gas Emissions in a Subtropical Multi-Species Saltmarsh. <i>Frontiers in Marine Science</i> , 2022, 9, . | 2.5 | 9 |
| 5 | Alkalinity export to the ocean is a major carbon sequestration mechanism in a macrotidal saltmarsh. <i>Limnology and Oceanography</i> , 2022, 67, . | 3.1 | 15 |
| 6 | Land use and episodic rainfall as drivers of nitrogen exports in subtropical rivers: Insights from $\delta^{15}\text{N-NO}_3^-$, $\delta^{18}\text{O-NO}_3^-$ and ^{222}Rn . <i>Science of the Total Environment</i> , 2021, 758, 143669. | 8.0 | 9 |
| 7 | Rainfall drives rapid shifts in carbon and nutrient source-sink dynamics of an urbanised, mangrove-fringed estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 249, 107064. | 2.1 | 19 |
| 8 | The mangrove CO_2 pump: Tidally driven porewater exchange. <i>Limnology and Oceanography</i> , 2021, 66, 1563-1577. | 3.1 | 31 |
| 9 | Hydrological, geochemical and land use drivers of greenhouse gas dynamics in eleven sub-tropical streams. <i>Aquatic Sciences</i> , 2021, 83, 1. | 1.5 | 14 |
| 10 | Submarine groundwater discharge impacts on coastal nutrient biogeochemistry. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 307-323. | 29.7 | 210 |
| 11 | Utility of radium quartet for evaluating porewater-derived carbon to a saltmarsh nearshore water: Implications for blue carbon export. <i>Science of the Total Environment</i> , 2021, 764, 144238. | 8.0 | 15 |
| 12 | Submarine groundwater discharge-driven nutrient fluxes in a typical mangrove and aquaculture bay of the Beibu Gulf, China. <i>Marine Pollution Bulletin</i> , 2021, 168, 112500. | 5.0 | 11 |
| 13 | Radon traced seasonal variations of water mixing and accompanying nutrient and carbon transport in the Yellow-Bohai Sea. <i>Science of the Total Environment</i> , 2021, 784, 147161. | 8.0 | 7 |
| 14 | Porewater-derived dissolved inorganic carbon and nutrient fluxes in a saltmarsh of the Changjiang River Estuary. <i>Acta Oceanologica Sinica</i> , 2021, 40, 32-43. | 1.0 | 12 |
| 15 | Karstic submarine groundwater discharge into the Mediterranean: Radon-based nutrient fluxes in an anchialine cave and a basin-wide upscaling. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 467-484. | 3.9 | 40 |
| 16 | Bacterial-derived nutrient and carbon source-sink behaviors in a sandy beach subterranean estuary. <i>Marine Pollution Bulletin</i> , 2020, 160, 111570. | 5.0 | 21 |
| 17 | Bacterial and Archaeal Assemblages from Two Size Fractions in Submarine Groundwater Near an Industrial Zone. <i>Water (Switzerland)</i> , 2019, 11, 1261. | 2.7 | 7 |
| 18 | Porewater-derived nutrient fluxes in a coastal aquifer (Shengsi Island, China) and its implication. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 204-211. | 2.1 | 18 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Submarine Groundwater-Borne Nutrients in a Tropical Bay (Maowei Sea, China) and Their Impacts on the Oyster Aquaculture. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 932-951. | 2.5 | 54 |
| 20 | Submarine Groundwater Discharge-Derived Carbon Fluxes in Mangroves: An Important Component of Blue Carbon Budgets?. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6962-6979. | 2.6 | 82 |