

Daidu Fan

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,656
citations

393982

19
h-index

329751

37
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77
all docs

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docs citations

77
times ranked

1220
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Influence of a Suspended Cage Aquaculture Farm on the Hydrodynamic Environment in a Semienclosed Bay, SE China. <i>Frontiers in Marine Science</i> , 2022, 8, . | 1.2 | 3 |
| 2 | Oyster Aquaculture Site Selection Using High-Resolution Remote Sensing: A Case Study in the Gulf of Maine, United States. <i>Frontiers in Marine Science</i> , 2022, 9, . | 1.2 | 6 |
| 3 | Sediment sorting and bedding dynamics of tidal flat wetlands: Modeling the signature of storms. <i>Journal of Hydrology</i> , 2022, 610, 127913. | 2.3 | 6 |
| 4 | Mangrove expansion at poleward range limits in North and South America: Late-Holocene climate variability or anthropocene global warming?. <i>Catena</i> , 2022, 216, 106413. | 2.2 | 12 |
| 5 | Shear Instabilities and Stratified Turbulence in an Estuarine Fluid Mud. <i>Journal of Physical Oceanography</i> , 2022, 52, 2257-2271. | 0.7 | 2 |
| 6 | Sediment budget and morphological change in the Red River Delta under increasing human interferences. <i>Marine Geology</i> , 2021, 431, 106379. | 0.9 | 28 |
| 7 | Spatial changes in molecular composition of dissolved organic matter in the Yangtze River Estuary: Implications for the seaward transport of estuarine DOM. <i>Science of the Total Environment</i> , 2021, 759, 143531. | 3.9 | 42 |
| 8 | Hypoxic Effects on the Radiocarbon in DIC of the ECS Subsurface Water. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016979. | 1.0 | 3 |
| 9 | Simulating the role of tides and sediment characteristics on tidal flat sorting and bedding dynamics. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2163-2176. | 1.2 | 5 |
| 10 | Reply to comment on, "Sediment budget and morphological change in the Red River Delta under increasing human interferences" by N.D. Ve, D. Fan, B.V. Vuong and T.D. Lan [<i>Marine Geology</i> 431 (2021), 106,379]. <i>Marine Geology</i> , 2021, 443, 106580. | 0.9 | 0 |
| 11 | Field observations of turbulence, sediment suspension, and transport under breaking tidal bores. <i>Marine Geology</i> , 2021, 437, 106498. | 0.9 | 8 |
| 12 | Sustained growth of the largest uninhabited alluvial island in the Changjiang Estuary under the drastic reduction of river discharged sediment. <i>Science China Earth Sciences</i> , 2021, 64, 1687-1697. | 2.3 | 9 |
| 13 | Estimation of initial conditions for surface suspended sediment simulations with the adjoint method: A case study in Hangzhou Bay. <i>Continental Shelf Research</i> , 2021, 227, 104526. | 0.9 | 6 |
| 14 | Depositional control on carbon and sulfur preservation onshore and offshore the Oujiang Estuary: Implications for the C/S ratio as a salinity indicator. <i>Continental Shelf Research</i> , 2021, 227, 104510. | 0.9 | 22 |
| 15 | Revisited sediment budget with latest bathymetric data in the highly altered Yangtze (Changjiang) Estuary. <i>Geomorphology</i> , 2021, 391, 107873. | 1.1 | 23 |
| 16 | Increasing hypoxia in the Changjiang Estuary during the last three decades deciphered from sedimentary redox-sensitive elements. <i>Marine Geology</i> , 2020, 419, 106044. | 0.9 | 16 |
| 17 | Environmental evolution of the East China Sea inner shelf and its constraints on pyrite sulfur contents and isotopes since the last deglaciation. <i>Marine Geology</i> , 2020, 429, 106307. | 0.9 | 27 |
| 18 | Anatomy of the transgressive depositional system in a sediment-rich tide-dominated estuary: The paleo-Yangtze estuary, China. <i>Marine and Petroleum Geology</i> , 2020, 121, 104588. | 1.5 | 8 |

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|----|--|-----|-----------|
| 19 | Dynamic Diurnal Changes in Green Algae Biomass in the Southern Yellow Sea Based on GOCI Images. <i>Journal of Ocean University of China</i> , 2020, 19, 811-817. | 0.6 | 2 |
| 20 | Highly accelerated siltation of abandoned distributary channel in the Yangtze Delta under everchanging social-ecological dynamics. <i>Marine Geology</i> , 2020, 429, 106331. | 0.9 | 14 |
| 21 | Sustained growth of river-mouth bars in the vulnerable Changjiang Delta. <i>Journal of Hydrology</i> , 2020, 590, 125450. | 2.3 | 10 |
| 22 | Estuary-shelf interactions off the Changjiang Delta during a dry-wet seasonal transition. <i>Marine Geology</i> , 2020, 426, 106211. | 0.9 | 7 |
| 23 | Wind-driven stratification patterns and dissolved oxygen depletion off the Changjiang (Yangtze) Estuary. <i>Biogeosciences</i> , 2020, 17, 2875-2895. | 1.3 | 20 |
| 24 | Early to middle Holocene rice cultivation in response to coastal environmental transitions along the South Hangzhou Bay of eastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 555, 109872. | 1.0 | 22 |
| 25 | Acoustic Observations of Kelvin-Helmholtz Billows on an Estuarine Lutocline. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015383. | 1.0 | 11 |
| 26 | Holocene variation of radiocarbon reservoir age offshore western Taiwan, derived from paired charcoals and mollusks. <i>Quaternary International</i> , 2019, 527, 79-86. | 0.7 | 3 |
| 27 | Impact of Anthropogenic Organic Matter on the Distribution Patterns of Sediment Microbial Community from the Yangtze River, China. <i>Geomicrobiology Journal</i> , 2019, 36, 881-893. | 1.0 | 9 |
| 28 | The evolution of hypoxia off the Changjiang Estuary in the last 3000 years: Evidence from benthic foraminifera and elemental geochemistry. <i>Marine Geology</i> , 2019, 417, 106039. | 0.9 | 11 |
| 29 | Turbulence, Sediment-Induced Stratification, and Mixing Under Macrotidal Estuarine Conditions (Qiantang Estuary, China). <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4058-4077. | 1.0 | 22 |
| 30 | Coastal morphological changes in the Red River Delta under increasing natural and anthropic stresses. <i>Anthropocene Coasts</i> , 2019, 2, 51-71. | 0.6 | 20 |
| 31 | Assessment of sedimentary heterocyst glycolipids as tracers of freshwater input to the Changjiang Estuary and East China Sea. <i>Chemical Geology</i> , 2019, 521, 39-48. | 1.4 | 6 |
| 32 | Sea level implications from Late Quaternary/Holocene paleosols from the Oujiang Delta, China. <i>Radiocarbon</i> , 2019, 61, 83-99. | 0.8 | 6 |
| 33 | Early to Middle Holocene sea level fluctuation, coastal progradation and the Neolithic occupation in the Yaojiang Valley of southern Hangzhou Bay, Eastern China. <i>Quaternary Science Reviews</i> , 2018, 189, 91-104. | 1.4 | 40 |
| 34 | Late Quaternary environmental change in Oujiang delta along the northeastern Zhe-Min Uplift zone (Southeast China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 492, 64-80. | 1.0 | 19 |
| 35 | A three-dimensional cohesive sediment transport model with data assimilation: Model development, sensitivity analysis and parameter estimation. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 206, 87-100. | 0.9 | 28 |
| 36 | Estimation of spatially varying parameters in three-dimensional cohesive sediment transport models by assimilating remote sensing data. <i>Journal of Marine Science and Technology</i> , 2018, 23, 319-332. | 1.3 | 10 |

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| 37 | Parameter estimation for a cohesive sediment transport model by assimilating satellite observations in the Hangzhou Bay: Temporal variations and spatial distributions. <i>Ocean Modelling</i> , 2018, 121, 34-48. | 1.0 | 18 |
| 38 | Internal Facies Architecture and Evolution History of Changxing Mouth-Bar Complex in the Changjiang (Yangtze) Delta, China. <i>Journal of Ocean University of China</i> , 2018, 17, 1281-1289. | 0.6 | 5 |
| 39 | Morphological Change in the Northern Red River Delta, Vietnam. <i>Journal of Ocean University of China</i> , 2018, 17, 1272-1280. | 0.6 | 7 |
| 40 | The Holocene Environmental Evolution of the Inner Hangzhou Bay and Its Significance. <i>Journal of Ocean University of China</i> , 2018, 17, 1301-1308. | 0.6 | 6 |
| 41 | Reconstruction of silicate weathering intensity and paleoenvironmental change during the late Quaternary in the Zhuoshui River catchment in Taiwan. <i>Quaternary International</i> , 2017, 452, 43-53. | 0.7 | 12 |
| 42 | Land-sea duel in the late Quaternary at the mouth of a small river with high sediment yield. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 59-76. | 1.0 | 10 |
| 43 | Flow and turbulence structure in a hypertidal estuary with the world's biggest tidal bore. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3417-3433. | 1.0 | 17 |
| 44 | A Methodology for Estimating the Parameters in Three-Dimensional Cohesive Sediment Transport Models by Assimilating In Situ Observations with the Adjoint Method. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 1469-1482. | 0.5 | 5 |
| 45 | South Flank of the Yangtze Delta: Past, present, and future. <i>Marine Geology</i> , 2017, 392, 78-93. | 0.9 | 56 |
| 46 | Chemical speciation of iron in sediments from the Changjiang Estuary and East China Sea: Iron cycle and paleoenvironmental implications. <i>Quaternary International</i> , 2017, 452, 116-128. | 0.7 | 9 |
| 47 | Clay-mineral compositions of sediments in the Gaoping River-Sea system: Implications for weathering, sedimentary routing and carbon cycling. <i>Chemical Geology</i> , 2016, 447, 11-26. | 1.4 | 12 |
| 48 | Evolution of the East China Sea sedimentary environment in the past 14 kyr: Insights from tetraethers-based proxies. <i>Science China Earth Sciences</i> , 2016, 59, 927-938. | 2.3 | 8 |
| 49 | Characteristics of turbulent kinetic energy dissipation rate and turbidity near the coast of East China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 1134-1142. | 0.7 | 3 |
| 50 | Pollen evidence to interpret the history of rice farming at the Hemudu site on the Ningshao coast, eastern China. <i>Quaternary International</i> , 2016, 426, 195-203. | 0.7 | 41 |
| 51 | Distinction and grain-size characteristics of intertidal heterolithic deposits in the middle Qiantang Estuary (East China Sea). <i>Geo-Marine Letters</i> , 2015, 35, 161-174. | 0.5 | 20 |
| 52 | Intercomparison of textural parameters of intertidal sediments generated by different statistical procedures, and implications for a unifying descriptive nomenclature. <i>Geo-Marine Letters</i> , 2015, 35, 175-188. | 0.5 | 1 |
| 53 | Characteristics of tidal-bore deposits and facies associations in the Qiantang Estuary, China. <i>Marine Geology</i> , 2014, 348, 1-14. | 0.9 | 64 |
| 54 | U-Pb AGES AND Hf ISOTOPIC COMPOSITION OF CRYSTALLINE ZIRCONS FROM IGNEOUS ROCKS OF THE CHANGJIANG DRAINAGE BASIN AND THEIR IMPLICATIONS FOR PROVENANCE. <i>Marine Geology & Quaternary Geology</i> , 2013, 33, 97. | 0.1 | 5 |

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|----|--|-----|-----------|
| 55 | Open-Coast Tidal Flats. , 2012, , 187-229. | | 46 |
| 56 | Sedimentation processes and sedimentary characteristics of tidal bores along the north bank of the Qiantang Estuary. Science Bulletin, 2012, 57, 1578-1589. | 1.7 | 29 |
| 57 | Tracing the quarter-diurnal signatures of nutrients and dissolved organic matter to evaluate their nonconservative behaviors in coastal seawaters. Journal of Geophysical Research, 2011, 116, . | 3.3 | 8 |
| 58 | Optical characterization of CDOM in a marsh-influenced environment in the Changjiang (Yangtze) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 | 1.3 | 16 |
| 59 | A 600-year flood history in the Yangtze River drainage: Comparison between a subaqueous delta and historical records. Science Bulletin, 2011, 56, 188-195. | 1.7 | 54 |
| 60 | Coastal seafloor observatory at Xiaoqushan in the East China Sea. Science Bulletin, 2011, 56, 2839-2845. | 1.7 | 19 |
| 61 | Records of the tsunami induced by the 2010 Chilean earthquake from Xiaoqushan seafloor observatory in the East China Sea. Science Bulletin, 2011, 56, 2957-2965. | 1.7 | 11 |
| 62 | Characteristics and Formation of Late Quaternary Incised-Valley-Fill Sequences in Sediment-Rich Deltas and Estuaries: Case Studies from China. , 2011, , 141-160. | | 11 |
| 63 | Fluorescence characteristics of chromophoric dissolved organic matter in shallow water along the Zhejiang coasts, southeast China. Marine Environmental Research, 2010, 69, 187-197. | 1.1 | 39 |
| 64 | Perspectives on the linkage between typhoon activity and global warming from recent research advances in paleotempestology. Science Bulletin, 2008, 53, 2907-2922. | 4.3 | 26 |
| 65 | Timing of the Yangtze initiation draining the Tibetan Plateau throughout to the East China Sea: a review. Frontiers of Earth Science, 2008, 2, 302-313. | 0.5 | 13 |
| 66 | Research on preservation and enrichment mechanisms of organic matter in muddy sediment and mudstone. Science in China Series D: Earth Sciences, 2007, 50, 765-775. | 0.9 | 61 |
| 67 | Cross-shore variations in morphodynamic processes of an open-coast mudflat in the Changjiang Delta, China: With an emphasis on storm impacts. Continental Shelf Research, 2006, 26, 517-538. | 0.9 | 109 |
| 68 | Monazite age spectra in the Late Cenozoic strata of the Changjiang delta and its implication on the Changjiang run-through time. Science in China Series D: Earth Sciences, 2005, 48, 1718-1727. | 0.9 | 28 |
| 69 | Late Quaternary incised-valley fill of the Yangtze delta (China): its stratigraphic framework and evolution. Sedimentary Geology, 2002, 152, 133-158. | 1.0 | 172 |
| 70 | Temporal distribution of diastems in deposits of an open-coast tidal flat with high suspended sediment concentrations. Sedimentary Geology, 2002, 152, 173-181. | 1.0 | 15 |
| 71 | Preservation potential of individual couplet and deposition rates on mudflats in the Changjiang Estuary. Science in China Series B: Chemistry, 2001, 44, 33-39. | 0.8 | 6 |
| 72 | Stratigraphy and paleoenvironmental changes in the Yangtze Delta during the Late Quaternary. Journal of Asian Earth Sciences, 2000, 18, 453-469. | 1.0 | 201 |

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|----|--|-----|-----------|
| 73 | Magnetic fabric characteristics of late Quaternary strata in Shanghai area. Science Bulletin, 1998, 43, 1579-1583. | 1.7 | 0 |
| 74 | Scaling the Mixing Efficiency of Sedimentâ€stratified Turbulence. Geophysical Research Letters, 0, , . | 1.5 | 2 |