

CÃ©dric G Fichot

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,275
citations

257450

24
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

3173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | An Improved Scheme for Correcting Remote Spectral Surface Reflectance Simultaneously for Terrestrial BRDF and Waterâ€™Surface Sunlint in Coastal Environments. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, . | 3.0 | 5 |
| 2 | Detection and Sourcing of CDOM in Urban Coastal Waters With UV-Visible Imaging Spectroscopy. <i>Frontiers in Environmental Science</i> , 2021, 9, . | 3.3 | 12 |
| 3 | Remotely estimating total suspended solids concentration in clear to extremely turbid waters using a novel semi-analytical method. <i>Remote Sensing of Environment</i> , 2021, 258, 112386. | 11.0 | 47 |
| 4 | Underway Hyperspectral Bio-Optical Assessments of Phytoplankton Size Classes in the River-Influenced Northern Gulf of Mexico. <i>Remote Sensing</i> , 2021, 13, 3346. | 4.0 | 1 |
| 5 | Modeling benthic solar exposure (UV and visible) in dynamic coastal systems to better inform seagrass habitat suitability. <i>Science of the Total Environment</i> , 2021, , 151481. | 8.0 | 3 |
| 6 | Rapid shoreline flooding enhances water turbidity by sediment resuspension: An example in a large Tibetan lake. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3780-3790. | 2.5 | 3 |
| 7 | Simple Method to Determine the Apparent Quantum Yield Matrix of CDOM Photobleaching in Natural Waters. <i>Environmental Science & Technology</i> , 2020, 54, 14096-14106. | 10.0 | 10 |
| 8 | The Contribution of Methane Photoproduction to the Oceanic Methane Paradox. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088362. | 4.0 | 35 |
| 9 | Robust algorithm for estimating total suspended solids (TSS) in inland and nearshore coastal waters. <i>Remote Sensing of Environment</i> , 2020, 246, 111768. | 11.0 | 122 |
| 10 | Determining the drivers of suspended sediment dynamics in tidal marsh-influenced estuaries using high-resolution ocean color remote sensing. <i>Remote Sensing of Environment</i> , 2020, 240, 111682. | 11.0 | 45 |
| 11 | Improving the Transferability of Suspended Solid Estimation in Wetland and Deltaic Waters with an Empirical Hyperspectral Approach. <i>Remote Sensing</i> , 2019, 11, 1629. | 4.0 | 29 |
| 12 | Climate change leads to a doubling of turbidity in a rapidly expanding Tibetan lake. <i>Science of the Total Environment</i> , 2019, 688, 952-959. | 8.0 | 24 |
| 13 | A unified approach to estimate land and water reflectances with uncertainties for coastal imaging spectroscopy. <i>Remote Sensing of Environment</i> , 2019, 231, 111198. | 11.0 | 25 |
| 14 | Assessing change in the overturning behavior of the Laurentian Great Lakes using remotely sensed lake surface water temperatures. <i>Remote Sensing of Environment</i> , 2019, 235, 111427. | 11.0 | 31 |
| 15 | Panâ€™Arctic Distribution of Bioavailable Dissolved Organic Matter and Linkages With Productivity in Ocean Margins. <i>Geophysical Research Letters</i> , 2018, 45, 1490-1498. | 4.0 | 10 |
| 16 | Remote sensing retrievals of colored dissolved organic matter and dissolved organic carbon dynamics in North American estuaries and their margins. <i>Remote Sensing of Environment</i> , 2018, 205, 151-165. | 11.0 | 100 |
| 17 | Reviews and syntheses: Carbonyl sulfide as a multi-scale tracer for carbon and water cycles. <i>Biogeosciences</i> , 2018, 15, 3625-3657. | 3.3 | 98 |
| 18 | Dynamics and interactions of highly resolved marine plankton via automated high-frequency sampling. <i>ISME Journal</i> , 2018, 12, 2417-2432. | 9.8 | 66 |

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|----|--|------|-----------|
| 19 | Predicting Dissolved Lignin Phenol Concentrations in the Coastal Ocean from Chromophoric Dissolved Organic Matter (CDOM) Absorption Coefficients. <i>Frontiers in Marine Science</i> , 2016, 3, . | 2.5 | 50 |
| 20 | Sources and Transformations of Dissolved Lignin Phenols and Chromophoric Dissolved Organic Matter in Otsuchi Bay, Japan. <i>Frontiers in Marine Science</i> , 2016, 3, . | 2.5 | 28 |
| 21 | Biological hot spots and the accumulation of marine dissolved organic matter in a highly productive ocean margin. <i>Limnology and Oceanography</i> , 2016, 61, 1287-1300. | 3.1 | 40 |
| 22 | Mass balance estimates of carbon export in different water masses of the Chukchi Sea shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 130, 88-99. | 1.4 | 7 |
| 23 | High-Resolution Remote Sensing of Water Quality in the San Francisco Bayâ€”Delta Estuary. <i>Environmental Science & Technology</i> , 2016, 50, 573-583. | 10.0 | 90 |
| 24 | A new model for the global biogeochemical cycle of carbonyl sulfide â€” Part 1: Assessment of direct marine emissions with an oceanic general circulation and biogeochemistry model. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2295-2312. | 4.9 | 55 |
| 25 | Linkages among fluorescent dissolved organic matter, dissolved amino acids and lignin-derived phenols in a river-influenced ocean margin. <i>Frontiers in Marine Science</i> , 2015, 2, . | 2.5 | 63 |
| 26 | The fate of terrigenous dissolved organic carbon in a riverâ€”influenced ocean margin. <i>Global Biogeochemical Cycles</i> , 2014, 28, 300-318. | 4.9 | 147 |
| 27 | Improved algorithms for accurate retrieval of UV/visible diffuse attenuation coefficients in optically complex, inshore waters. <i>Remote Sensing of Environment</i> , 2014, 144, 11-27. | 11.0 | 16 |
| 28 | Pulsed, crossâ€”shelf export of terrigenous dissolved organic carbon to the Gulf of Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1176-1194. | 2.6 | 59 |
| 29 | Pan-Arctic distributions of continental runoff in the Arctic Ocean. <i>Scientific Reports</i> , 2013, 3, 1053. | 3.3 | 195 |
| 30 | The spectral slope coefficient of chromophoric dissolved organic matter ($S_{275-295}$) as a tracer of terrigenous dissolved organic carbon in riverâ€”influenced ocean margins. <i>Limnology and Oceanography</i> , 2012, 57, 1453-1466. | 3.1 | 352 |
| 31 | Floodplain influence on dissolved organic matter composition and export from the Mississippiâ€”Atchafalaya River system to the Gulf of Mexico. <i>Limnology and Oceanography</i> , 2012, 57, 1149-1160. | 3.1 | 76 |
| 32 | Dissolved organic matter composition and bioavailability reflect ecosystem productivity in the Western Arctic Ocean. <i>Biogeosciences</i> , 2012, 9, 4993-5005. | 3.3 | 60 |
| 33 | A novel method to estimate DOC concentrations from CDOM absorption coefficients in coastal waters. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 4.0 | 210 |
| 34 | An approach to quantify depth-resolved marine photochemical fluxes using remote sensing: Application to carbon monoxide (CO) photoproduction. <i>Remote Sensing of Environment</i> , 2010, 114, 1363-1377. | 11.0 | 91 |
| 35 | Dark production of carbon monoxide (CO) from dissolved organic matter in the St. Lawrence estuarine system: Implication for the global coastal and blue water CO budgets. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 21 |
| 36 | Application of Landsat 8 for Monitoring Impacts of Wastewater Discharge on Coastal Water Quality. <i>Frontiers in Marine Science</i> , 0, 4, . | 2.5 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Keeping an Eye on Water Quality From the Sky. Frontiers for Young Minds, 0, 10, . | 0.8 | 0 |