

Rudolf JaffÃ©

List of Publications by Year in descending order

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149
papers

9,761
citations

29994

54
h-index

42291

92
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149
all docs

149
docs citations

149
times ranked

7215
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised Structural Classification of Dissolved Organic Matter Based on Fragmentation Pathways. <i>Environmental Science & Technology</i> , 2022, 56, 1458-1468.	4.6	12
2	Carbon and hydrogen isotopes of taraxerol in mangrove leaves and sediment cores: Implications for paleo-reconstructions. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 324, 262-279.	1.6	6
3	Molecular and spectroscopic changes of peat-derived organic matter following photo-exposure: Effects on heteroatom composition of DOM. <i>Science of the Total Environment</i> , 2022, 838, 155790.	3.9	12
4	Mangrove leaf species-specific isotopic signatures along a salinity and phosphorus soil fertility gradients in a subtropical estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 248, 106768.	0.9	16
5	Direct versus indirect effects of human activities on dissolved organic matter in highly impacted lakes. <i>Science of the Total Environment</i> , 2021, 752, 141839.	3.9	50
6	Agricultural land use changes stream dissolved organic matter via altering soil inputs to streams. <i>Science of the Total Environment</i> , 2021, 796, 148968.	3.9	26
7	Controls of Land Use and the River Continuum Concept on Dissolved Organic Matter Composition in an Anthropogenically Disturbed Subtropical Watershed. <i>Environmental Science & Technology</i> , 2020, 54, 195-206.	4.6	54
8	Structural Characterization of Dissolved Organic Matter at the Chemical Formula Level Using TIMS-FT-ICR MS/MS. <i>Analytical Chemistry</i> , 2020, 92, 11960-11966.	3.2	25
9	Linking Hydrology and Dissolved Organic Matter Characteristics in a Subtropical Wetland: A Long-Term Study of the Florida Everglades. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006648.	1.9	9
10	Distribution of n-alkanes and their $\delta^2\text{H}$ and $\delta^{13}\text{C}$ values in typical plants along a terrestrial-coastal-oceanic gradient. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 281, 31-52.	1.6	35
11	Fires prime terrestrial organic carbon for riverine export to the global oceans. <i>Nature Communications</i> , 2020, 11, 2791.	5.8	71
12	Mulinane and Azorellane Diterpenoid Biomarkers by GC-MS from a Representative Apiaceae (Umbelliferae) Species of the Andes. <i>Molecules</i> , 2019, 24, 684.	1.7	3
13	Understanding the structural complexity of dissolved organic matter: isomeric diversity. <i>Faraday Discussions</i> , 2019, 218, 431-440.	1.6	30
14	Dissolved black carbon in aquatic ecosystems. <i>Limnology and Oceanography Letters</i> , 2018, 3, 168-185.	1.6	115
15	Fractionation of Dissolved Organic Matter by Co-Precipitation with Iron: Effects of Composition. <i>Environmental Processes</i> , 2018, 5, 5-21.	1.7	30
16	Climatic and watershed controls of dissolved organic matter variation in streams across a gradient of agricultural land use. <i>Science of the Total Environment</i> , 2018, 612, 1442-1453.	3.9	87
17	Compositional aspects of herbaceous litter decomposition in the freshwater marshes of the Florida Everglades. <i>Plant and Soil</i> , 2018, 423, 87-98.	1.8	11
18	Sheet Flow Effects on Sediment Transport in a Degraded Ridge-and-Slough Wetland: Insights Using Molecular Markers. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3124-3139.	1.3	3

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19	Early diagenesis of triterpenoids derived from mangroves in a subtropical estuary. <i>Organic Geochemistry</i> , 2018, 125, 196-211.	0.9	20
20	Hydrological Controls on the Seasonal Variability of Dissolved and Particulate Black Carbon in the Altamaha River, GA. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3055-3071.	1.3	17
21	Coupling trapped ion mobility spectrometry to mass spectrometry: trapped ion mobility spectrometryâ€“timeâ€“ofâ€“flight mass spectrometry versus trapped ion mobility spectrometryâ€“Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1287-1295.	0.7	33
22	Land Use Controls on the Spatial Variability of Dissolved Black Carbon in a Subtropical Watershed. <i>Environmental Science & Technology</i> , 2018, 52, 8104-8114.	4.6	39
23	Environmental factors controlling the distributions of <i>Botryococcus braunii</i> (A, B and L) biomarkers in a subtropical freshwater wetland. <i>Scientific Reports</i> , 2018, 8, 8626.	1.6	6
24	Predicting Reactive Intermediate Quantum Yields from Dissolved Organic Matter Photolysis Using Optical Properties and Antioxidant Capacity. <i>Environmental Science & Technology</i> , 2017, 51, 5404-5413.	4.6	91
25	Molecular composition and bioavailability of dissolved organic nitrogen in a lake flow-influenced river in south Florida, USA. <i>Aquatic Sciences</i> , 2017, 79, 891-908.	0.6	22
26	Inverse relationship between salinity and 2H/1H fractionation in leaf wax n-alkanes from Florida mangroves. <i>Organic Geochemistry</i> , 2017, 110, 1-12.	0.9	20
27	Dissolved black carbon in the global cryosphere: Concentrations and chemical signatures. <i>Geophysical Research Letters</i> , 2017, 44, 6226-6234.	1.5	34
28	Photodissolution of charcoal and fire-impacted soil as a potential source of dissolved black carbon in aquatic environments. <i>Organic Geochemistry</i> , 2017, 112, 16-21.	0.9	45
29	A New Perspective on the Apparent Solubility of Dissolved Black Carbon. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	51
30	Impact of a Historical Fire Event on Pyrogenic Carbon Stocks and Dissolved Pyrogenic Carbon in Spodosols in Northern Michigan. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	19
31	Molecular characterization of dissolved organic matter from subtropical wetlands: a comparative study through the analysis of optical properties, NMR and FTICR/MS. <i>Biogeosciences</i> , 2016, 13, 2257-2277.	1.3	105
32	Short-Term Dissolved Organic Carbon Dynamics Reflect Tidal, Water Management, and Precipitation Patterns in a Subtropical Estuary. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	14
33	Compositions and isotopic differences of iso- and anteiso-alkanes in black mangroves (<i>Avicennia</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 14	0.7	14
34	Long-term environmental drivers of DOC fluxes: Linkages between management, hydrology and climate in a subtropical coastal estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 112-122.	0.9	26
35	Quantitative assessment of photo- and bio-reactivity of chromophoric and fluorescent dissolved organic matter from biomass and soil leachates and from surface waters in a subtropical wetland. <i>Biogeochemistry</i> , 2016, 129, 273-289.	1.7	45
36	Dissolved black carbon in Antarctic lakes: Chemical signatures of past and present sources. <i>Geophysical Research Letters</i> , 2016, 43, 5750-5757.	1.5	27

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37	Compound specific $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analyses as a tool for the assessment of hydrological change in a subtropical wetland. <i>Aquatic Sciences</i> , 2016, 78, 809-822.	0.6	8
38	Occurrence of unsaturated C25 highly branched isoprenoids (HBIs) in a freshwater wetland. <i>Organic Geochemistry</i> , 2016, 93, 59-67.	0.9	25
39	Molecular properties of ultrafiltered dissolved organic matter and dissolved black carbon in headwater streams as determined by pyrolysis-GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 118, 181-191.	2.6	38
40	Characterizing organic matter inputs to sediments of small, intermittent, prairie streams: a molecular marker and stable isotope approach. <i>Aquatic Sciences</i> , 2016, 78, 343-354.	0.6	6
41	Colored dissolved organic matter dynamics and anthropogenic influences in a major transboundary river and its coastal wetland. <i>Limnology and Oceanography</i> , 2015, 60, 1222-1240.	1.6	43
42	Associations Between the Molecular and Optical Properties of Dissolved Organic Matter in the Florida Everglades, a Model Coastal Wetland System. <i>Frontiers in Chemistry</i> , 2015, 3, 66.	1.8	74
43	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, .	1.2	63
44	New perspectives on an iconic landscape from comparative international long-term ecological research. <i>Ecosphere</i> , 2015, 6, 1-18.	1.0	9
45	Gas chromatography mass spectrometry based profiling of alkyl coumarates and ferulates in two species of cattail (<i>Typha domingensis</i> P., and <i>Typha latifolia</i> L.). <i>Phytochemistry Letters</i> , 2015, 13, 91-98.	0.6	21
46	Molecular characterization of dissolved black nitrogen via electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Organic Geochemistry</i> , 2015, 79, 21-30.	0.9	42
47	Effect of photodegradation on molecular size distribution and quality of dissolved black carbon. <i>Organic Geochemistry</i> , 2015, 86, 1-4.	0.9	52
48	Linking the Molecular Signature of Heteroatomic Dissolved Organic Matter to Watershed Characteristics in World Rivers. <i>Environmental Science & Technology</i> , 2015, 49, 13798-13806.	4.6	166
49	Dynamics of dissolved organic matter in fjord ecosystems: Contributions of terrestrial dissolved organic matter in the deep layer. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 159, 37-49.	0.9	18
50	Dissolved black carbon in boreal forest and glacial rivers of central Alaska: assessment of biomass burning versus anthropogenic sources. <i>Biogeochemistry</i> , 2015, 123, 15-25.	1.7	44
51	In-stream sources and links between particulate and dissolved black carbon following a wildfire. <i>Biogeochemistry</i> , 2015, 124, 145-161.	1.7	66
52	Environmental assessment of vegetation and hydrological conditions in Everglades freshwater marshes using multiple geochemical proxies. <i>Aquatic Sciences</i> , 2015, 77, 271-291.	0.6	17
53	Utilization of PARAFAC-Modeled Excitation-Emission Matrix (EEM) Fluorescence Spectroscopy to Identify Biogeochemical Processing of Dissolved Organic Matter in a Northern Peatland. <i>Photochemistry and Photobiology</i> , 2015, 91, 684-695.	1.3	32
54	Free radical scavenging (antioxidant activity) of natural dissolved organic matter. <i>Marine Chemistry</i> , 2015, 177, 668-676.	0.9	48

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55	Occurrence and distribution of monomethylalkanes in the freshwater wetland ecosystem of the Florida Everglades. <i>Chemosphere</i> , 2015, 119, 258-266.	4.2	18
56	The respiration of flocculent detrital organic matter (floc) is driven by phosphorus limitation and substrate quality in a subtropical wetland. <i>Geoderma</i> , 2015, 241-242, 272-278.	2.3	10
57	Assessing dissolved organic matter dynamics and source strengths in a subtropical estuary: Application of stable carbon isotopes and optical properties. <i>Continental Shelf Research</i> , 2015, 92, 98-107.	0.9	21
58	Evaluation of forest disturbance legacy effects on dissolved organic matter characteristics in streams at the Hubbard Brook Experimental Forest, New Hampshire. <i>Aquatic Sciences</i> , 2014, 76, 611-622.	0.6	31
59	Environmental dynamics of dissolved black carbon in wetlands. <i>Biogeochemistry</i> , 2014, 119, 259.	1.7	41
60	Photo-reactivity of natural dissolved organic matter from fresh to marine waters in the Florida Everglades, USA. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 866-878.	1.7	65
61	Composition of dissolved organic nitrogen in rivers associated with wetlands. <i>Science of the Total Environment</i> , 2014, 493, 220-228.	3.9	19
62	Assessing source contributions to particulate organic matter in a subtropical estuary: A biomarker approach. <i>Organic Geochemistry</i> , 2014, 75, 129-139.	0.9	48
63	Effects of land use on sources and ages of inorganic and organic carbon in temperate headwater streams. <i>Biogeochemistry</i> , 2014, 119, 275-292.	1.7	88
64	Using Optical Properties to Quantify Fringe Mangrove Inputs to the Dissolved Organic Matter (DOM) Pool in a Subtropical Estuary. <i>Estuaries and Coasts</i> , 2014, 37, 399-410.	1.0	49
65	Dissolved black nitrogen (DBN) in freshwater environments. <i>Organic Geochemistry</i> , 2014, 68, 1-4.	0.9	22
66	Fluorescence characteristics of size-fractionated dissolved organic matter: Implications for a molecular assembly based structure?. <i>Water Research</i> , 2014, 55, 40-51.	5.3	117
67	Dissolved organic matter dynamics in the oligo/meso-haline zone of wetland-influenced coastal rivers. <i>Journal of Sea Research</i> , 2014, 91, 58-69.	0.6	20
68	Photo- and bio-reactivity patterns of dissolved organic matter from biomass and soil leachates and surface waters in a subtropical wetland. <i>Water Research</i> , 2014, 61, 181-190.	5.3	141
69	Applications of Excitation Emission Matrix Fluorescence with Parallel Factor Analysis (EEM-PARAFAC) in Assessing Environmental Dynamics of Natural Dissolved Organic Matter (DOM) in Aquatic Environments: A Review. <i>ACS Symposium Series</i> , 2014, , 27-73.	0.5	49
70	Dissolved black carbon in grassland streams: Is there an effect of recent fire history?. <i>Chemosphere</i> , 2013, 90, 2557-2562.	4.2	82
71	Evaluating the distribution of terrestrial dissolved organic matter in a complex coastal ecosystem using fluorescence spectroscopy. <i>Continental Shelf Research</i> , 2013, 66, 136-144.	0.9	144
72	Biomarkers in surface sediments from the Cross River and estuary system, SE Nigeria: Assessment of organic matter sources of natural and anthropogenic origins. <i>Applied Geochemistry</i> , 2013, 31, 239-250.	1.4	49

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73	Global Charcoal Mobilization from Soils via Dissolution and Riverine Transport to the Oceans. <i>Science</i> , 2013, 340, 345-347.	6.0	432
74	Spatial and temporal variability of dissolved organic matter quantity and composition in an oligotrophic subtropical coastal wetland. <i>Biogeochemistry</i> , 2013, 115, 167-183.	1.7	67
75	Biomarker assessment of spatial and temporal changes in the composition of flocculent material (floc) in the subtropical wetland of the Florida Coastal Everglades. <i>Environmental Chemistry</i> , 2013, 10, 424.	0.7	19
76	Photochemical and microbial alteration of dissolved organic matter in temperate headwater streams associated with different land use. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 566-580.	1.3	141
77	Characterising the sources and fate of dissolved organic matter in Shark Bay, Australia: a preliminary study using optical properties and stable carbon isotopes. <i>Marine and Freshwater Research</i> , 2012, 63, 1098.	0.7	90
78	A Molecular and Stable Isotopic Approach to Investigate Algal and Detrital Energy Pathways in a Freshwater Marsh. <i>Wetlands</i> , 2012, 32, 531-542.	0.7	37
79	Dissolved Organic Matter Biogeochemistry Along a Transect of the Okavango Delta, Botswana. <i>Wetlands</i> , 2012, 32, 475-486.	0.7	58
80	Contributions of humic substances to the dissolved organic carbon pool in wetlands from different climates. <i>Chemosphere</i> , 2012, 88, 1265-1268.	4.2	23
81	The Role of the Everglades Mangrove Ecotone Region (EMER) in Regulating Nutrient Cycling and Wetland Productivity in South Florida. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 633-669.	6.6	64
82	Photo-dissolution of flocculent, detrital material in aquatic environments: Contributions to the dissolved organic matter pool. <i>Water Research</i> , 2011, 45, 3836-3844.	5.3	68
83	Solar radiation-enhanced dissolution of particulate organic matter from coastal marine sediments. <i>Limnology and Oceanography</i> , 2011, 56, 577-588.	1.6	58
84	Effects of Watershed History on Dissolved Organic Matter Characteristics in Headwater Streams. <i>Ecosystems</i> , 2011, 14, 1110-1122.	1.6	173
85	Assessing the spatial and temporal variability of dissolved organic matter in Liverpool Bay using excitation-emission matrix fluorescence and parallel factor analysis. <i>Ocean Dynamics</i> , 2011, 61, 569-579.	0.9	130
86	Dissolved Organic Matter Characteristics Across a Subtropical Wetland's Landscape: Application of Optical Properties in the Assessment of Environmental Dynamics. <i>Ecosystems</i> , 2010, 13, 1006-1019.	1.6	202
87	Occurrence, distribution and origin of C30 cyclobutyrococenes in a subtropical wetland/estuarine ecosystem. <i>Chemosphere</i> , 2010, 81, 918-924.	4.2	2
88	Unraveling the role of land use and microbial activity in shaping dissolved organic matter characteristics in stream ecosystems. <i>Limnology and Oceanography</i> , 2010, 55, 1159-1171.	1.6	469
89	Optical characterization of dissolved organic matter in tropical rivers of the Guayana Shield, Venezuela. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	117
90	Fluorescence characteristics of dissolved organic matter in the deep waters of the Okhotsk Sea and the northwestern North Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1478-1485.	0.6	181

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91	Turnover rates of hydrolysable aliphatic lipids in Duke Forest soils determined by compound specific ¹³ C isotopic analysis. <i>Organic Geochemistry</i> , 2010, 41, 573-579.	0.9	44
92	Comparative study of dissolved organic matter from groundwater and surface water in the Florida coastal Everglades using multi-dimensional spectrofluorometry combined with multivariate statistics. <i>Applied Geochemistry</i> , 2010, 25, 872-880.	1.4	202
93	Importance of seagrass as a carbon source for heterotrophic bacteria in a subtropical estuary (Florida Bay). <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 507-514.	0.9	27
94	Stream dissolved organic matter bioavailability and composition in watersheds underlain with discontinuous permafrost. <i>Biogeochemistry</i> , 2009, 94, 255-270.	1.7	179
95	Photochemical alteration of 3-oxygenated triterpenoids: Implications for the origin of 3,4-seco-triterpenoids in sediments. <i>Chemosphere</i> , 2009, 74, 543-550.	4.2	37
96	Geochemical record of anthropogenic impacts on Lake Valencia, Venezuela. <i>Applied Geochemistry</i> , 2009, 24, 411-418.	1.4	23
97	Tools for Studying Biogeochemical Connectivity Among Tropical Coastal Ecosystems. , 2009, , 425-455.		3
98	Biomarker-based paleo-record of environmental change for an eutrophic, tropical freshwater lake, Lake Valencia, Venezuela. <i>Journal of Paleolimnology</i> , 2008, 40, 179-194.	0.8	23
99	Spectral characterization of chromophoric dissolved organic matter (CDOM) in a fjord (Doubtful Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	32
100	Characterizing the Interactions between Trace Metals and Dissolved Organic Matter Using Excitation-Emission Matrix and Parallel Factor Analysis. <i>Environmental Science & Technology</i> , 2008, 42, 7374-7379.	4.6	484
101	Oxygenated spiro-triterpenoids possibly related to arborenes in sediments of a tropical, freshwater lake. <i>Organic Geochemistry</i> , 2008, 39, 1400-1404.	0.9	6
102	Mangrove tannins in aquatic ecosystems: Their fate and possible influence on dissolved organic carbon and nitrogen cycling. <i>Limnology and Oceanography</i> , 2008, 53, 160-171.	1.6	103
103	Assessing the dynamics of dissolved organic matter (DOM) in coastal environments by excitation emission matrix fluorescence and parallel factor analysis (EEM-PARAFAC). <i>Limnology and Oceanography</i> , 2008, 53, 1900-1908.	1.6	419
104	Tidal marshes as a source of optically and chemically distinctive colored dissolved organic matter in the Chesapeake Bay. <i>Limnology and Oceanography</i> , 2008, 53, 148-159.	1.6	121
105	Composition of a protein-like fluorophore of dissolved organic matter in coastal wetland and estuarine ecosystems. <i>Water Research</i> , 2007, 41, 563-570.	5.3	286
106	Occurrence of long-chain n-alkenols, diols, keto-ols and sec-alkanols in a sediment core from a hypereutrophic, freshwater lake. <i>Organic Geochemistry</i> , 2007, 38, 870-883.	0.9	29
107	Occurrence and distribution of novel botryococcene hydrocarbons in freshwater wetlands of the Florida Everglades. <i>Chemosphere</i> , 2007, 70, 224-236.	4.2	26
108	Lipid biomarkers in suspended particles from a subtropical estuary: Assessment of seasonal changes in sources and transport of organic matter. <i>Marine Environmental Research</i> , 2007, 64, 666-678.	1.1	37

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109	Paleoenvironmental assessment of recent environmental changes in Florida Bay, USA: A biomarker based study. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 73, 201-210.	0.9	39
110	A literature review on trace metals and organic compounds of anthropogenic origin in the Wider Caribbean Region. <i>Marine Pollution Bulletin</i> , 2007, 54, 1681-1691.	2.3	62
111	Geochemistry of a tropical lake (Lake Leopoldo) on pseudo-karst topography within the Roraima Group, Guayana Shield, Venezuela. <i>Applied Geochemistry</i> , 2006, 21, 870-886.	1.4	12
112	Natural product biomarkers as indicators of sources and transport of sedimentary organic matter in a subtropical river. <i>Chemosphere</i> , 2006, 64, 1870-1884.	4.2	67
113	Chemical characteristics of dissolved organic nitrogen in an oligotrophic subtropical coastal ecosystem. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4491-4506.	1.6	99
114	Occurrence of C25 highly branched isoprenoids (HBIs) in Florida Bay: Paleoenvironmental indicators of diatom-derived organic matter inputs. <i>Organic Geochemistry</i> , 2006, 37, 847-859.	0.9	40
115	Quantitative and Qualitative Aspects of Dissolved Organic Carbon Leached from Senescent Plants in an Oligotrophic Wetland. <i>Biogeochemistry</i> , 2006, 78, 285-314.	1.7	114
116	Organic Biogeochemistry of Detrital Flocculent Material (Floc) in a Subtropical, Coastal Wetland. <i>Biogeochemistry</i> , 2006, 77, 283-304.	1.7	59
117	Molecular characterization of Cladium peat from the Florida Everglades: biomarker associations with humic fractions. <i>Hydrobiologia</i> , 2006, 569, 99-112.	1.0	25
118	Molecular characterization of proteinaceous material in the Florida coastal Everglades. <i>Hydrobiologia</i> , 2006, 569, 129-133.	1.0	5
119	Spatial, geomorphological, and seasonal variability of CDOM in estuaries of the Florida Coastal Everglades. <i>Hydrobiologia</i> , 2006, 569, 135-150.	1.0	70
120	A molecular marker-based assessment of sedimentary organic matter sources and distributions in Florida Bay. <i>Hydrobiologia</i> , 2006, 569, 179-192.	1.0	50
121	Using soil profiles of seeds and molecular markers as proxies for sawgrass and wet prairie slough vegetation in Shark Slough, Everglades National Park. <i>Hydrobiologia</i> , 2006, 569, 475-492.	1.0	31
122	Chemical characteristics of dissolved organic matter in an oligotrophic subtropical wetland/estuarine. <i>Limnology and Oceanography</i> , 2005, 50, 23-35.	1.6	65
123	Sediment and soil organic matter source assessment as revealed by the molecular distribution and carbon isotopic composition of n-alkanes. <i>Organic Geochemistry</i> , 2005, 36, 363-370.	0.9	192
124	An assessment of the microbial contribution to aquatic dissolved organic nitrogen using amino acid enantiomeric ratios. <i>Organic Geochemistry</i> , 2005, 36, 1099-1107.	0.9	23
125	A Conceptual Framework to Develop Long-Term Ecological Research and Management Objectives in the Wider Caribbean Region. <i>BioScience</i> , 2004, 54, 843.	2.2	56
126	One-dimensional and two-dimensional polyacrylamide gel electrophoresis: a tool for protein characterisation in aquatic samples. <i>Marine Chemistry</i> , 2004, 85, 63-73.	0.9	19

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127	Early diagenesis of plant-derived dissolved organic matter along a wetland, mangrove, estuary ecotone. <i>Limnology and Oceanography</i> , 2004, 49, 1667-1678.	1.6	79
128	Organic compounds and trace metals of anthropogenic origin in sediments from Montego Bay, Jamaica: assessment of sources and distribution pathways. <i>Environmental Pollution</i> , 2003, 123, 291-299.	3.7	35
129	Organic aerosols in the Miami area, USA: temporal variability of atmospheric particles and wet/dry deposition. <i>Chemosphere</i> , 2002, 47, 427-441.	4.2	35
130	Origin and transport of n-alkane-2-ones in a subtropical estuary: potential biomarkers for seagrass-derived organic matter. <i>Organic Geochemistry</i> , 2001, 32, 21-32.	0.9	93
131	Origin and transport of sedimentary organic matter in two subtropical estuaries: a comparative, biomarker-based study. <i>Organic Geochemistry</i> , 2001, 32, 507-526.	0.9	181
132	Interaction between Hg(II) and natural dissolved organic matter: a fluorescence spectroscopy based study. <i>Water Research</i> , 2001, 35, 1793-1803.	5.3	153
133	Gas chromatographic determination of organomercury following aqueous derivatization with sodium tetraethylborate and sodium tetraphenylborate. <i>Journal of Chromatography A</i> , 2000, 876, 147-155.	1.8	76
134	High temperature supercritical carbon dioxide extractions of geological samples: effects and contributions from the sample matrix. <i>Applied Geochemistry</i> , 2000, 15, 79-89.	1.4	21
135	Baseline study on the levels of organic pollutants and heavy metals in bivalves from the Morrocoy National Park, Venezuela. <i>Marine Pollution Bulletin</i> , 1998, 36, 925-929.	2.3	26
136	Determination of methylmercury in fish and aqueous samples using solid-phase microextraction followed by gas chromatography-atomic fluorescence spectrometry. <i>Applied Organometallic Chemistry</i> , 1998, 12, 565-569.	1.7	55
137	Ethylmercury in the Soils and Sediments of the Florida Everglades. <i>Environmental Science & Technology</i> , 1997, 31, 302-305.	4.6	85
138	Hydrocarbon speciation in ancient sediments studied by stepwise high-temperature supercritical carbon dioxide extraction. <i>Organic Geochemistry</i> , 1997, 26, 59-65.	0.9	23
139	Organic geochemistry of seasonally flooded rain forest soils: molecular composition and early diagenesis of lipid components. <i>Organic Geochemistry</i> , 1996, 25, 9-17.	0.9	88
140	Pollution effects of the Tuy River on the central Venezuelan coast: Anthropogenic organic compounds and heavy metals in <i>Tivela mactroidea</i> . <i>Marine Pollution Bulletin</i> , 1995, 30, 820-825.	2.3	21
141	The biogeochemistry of lipids in rivers of the Orinoco Basin. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4507-4522.	1.6	80
142	Origin and early diagenesis of arborinone/isoarborinol in sediments of a highly productive freshwater lake. <i>Organic Geochemistry</i> , 1995, 22, 231-235.	0.9	45
143	High-temperature supercritical fluid extraction of hydrocarbons from geological samples and comparison to Soxhlet extraction. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 679-681.	2.0	15
144	Analysis of organomercury compounds in sediments by capillary GC with atomic fluorescence detection. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 745-748.	2.0	56

#	ARTICLE	IF	CITATIONS
145	Organic compounds and heavy metals in the atmosphere of the city of Caracas, Venezuela ? I: Atmospheric particles. <i>Water, Air, and Soil Pollution</i> , 1993, 71, 293-313.	1.1	13
146	Organic compounds and heavy metals in the atmosphere of the city of Caracas, Venezueala ? II: Atmospheric deposition. <i>Water, Air, and Soil Pollution</i> , 1993, 71, 315-329.	1.1	6
147	Trace metal analyses in octocorals by microwave acid digestion and graphite furnace atomic-absorption spectrometry. <i>Talanta</i> , 1992, 39, 113-117.	2.9	15
148	Fate of hydrophobic organic pollutants in the aquatic environment: A review. <i>Environmental Pollution</i> , 1991, 69, 237-257.	3.7	76
149	Generation and maturation of carboxylic acids in ancient sediments from the Maracaibo Basin, Venezuela. <i>Organic Geochemistry</i> , 1990, 16, 211-218.	0.9	35