

John R Helms

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5785088/publications.pdf>

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11
papers

2,644
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

3041
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption spectral slopes and slope ratios as indicators of molecular weight, source, and photobleaching of chromophoric dissolved organic matter. <i>Limnology and Oceanography</i> , 2008, 53, 955-969.	3.1	2,071
2	Photochemical bleaching of oceanic dissolved organic matter and its effect on absorption spectral slope and fluorescence. <i>Marine Chemistry</i> , 2013, 155, 81-91.	2.3	239
3	Loss of optical and molecular indicators of terrigenous dissolved organic matter during long-term photobleaching. <i>Aquatic Sciences</i> , 2014, 76, 353-373.	1.5	105
4	Photochemical flocculation of terrestrial dissolved organic matter and iron. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 398-413.	3.9	71
5	Ultra-high resolution mass spectrometric differentiation of dissolved organic matter isolated by coupled reverse osmosis-electrodialysis from various major oceanic water masses. <i>Marine Chemistry</i> , 2014, 164, 48-59.	2.3	61
6	Structural characterization of gilsonite bitumen by advanced nuclear magnetic resonance spectroscopy and ultra-high resolution mass spectrometry revealing pyrrolic and aromatic rings substituted with aliphatic chains. <i>Organic Geochemistry</i> , 2012, 44, 21-36.	1.8	37
7	Photochemical dissolution of organic matter from resuspended sediments: Impact of source and diagenetic state on photorelease. <i>Organic Geochemistry</i> , 2014, 73, 83-89.	1.8	26
8	Removal of atmospheric ethanol by wet deposition. <i>Global Biogeochemical Cycles</i> , 2017, 31, 348-356.	4.9	12
9	Photodegradation of the antihistamine cetirizine in natural waters. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2240-2245.	4.3	11
10	Biogeochemical alteration of dissolved organic material in the Cape Fear River Estuary as a function of freshwater discharge. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 273-282.	2.1	7
11	Enhanced detection of the algal toxin PbTx-2 in marine waters by atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2455-2460.	1.5	4