

Rodney T Powell

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

735
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloidal trace metals, organic carbon and nitrogen in a southeastern U.S. estuary. <i>Marine Chemistry</i> , 1996, 55, 165-176.	2.3	113
2	Photochemical degradation of organic iron complexing ligands in seawater. <i>Aquatic Sciences</i> , 2003, 65, 367-374.	1.5	78
3	Spatial variability in the coupling of organic carbon, nutrients, and phytoplankton pigments in surface waters and sediments of the Mississippi River plume. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 47-63.	2.1	76
4	Importance of organic Fe complexing ligands in the Mississippi River plume. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 58, 757-763.	2.1	71
5	Organic complexation and speciation of iron in the South and Equatorial Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 2877-2893.	1.4	70
6	Iron distributions in surface waters of the south Atlantic. <i>Marine Chemistry</i> , 1995, 50, 13-20.	2.3	66
7	Dissolved organic phosphorus in the Mississippi River plume during spring and fall 2002. <i>Marine Chemistry</i> , 2006, 102, 170-179.	2.3	38
8	Storm-induced injection of the Mississippi River plume into the open Gulf of Mexico. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	37
9	Linking ecological impact to metal concentrations and speciation: A microcosm experiment using a salt marsh meiofaunal community. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2029-2037.	4.3	34
10	The stoichiometry of inorganic carbon and nutrient removal in the Mississippi River plume and adjacent continental shelf. <i>Biogeosciences</i> , 2012, 9, 2781-2792.	3.3	31
11	Colloidal aluminum and iron in seawater: An intercomparison between various cross-flow ultrafiltration systems. <i>Marine Chemistry</i> , 1996, 55, 75-91.	2.3	30
12	Microbial food web contributions to bottom water hypoxia in the northern Gulf of Mexico. <i>Continental Shelf Research</i> , 2008, 28, 1127-1137.	1.8	27
13	Fates of dissolved and particulate materials from the Mississippi river immediately after discharge into the northern Gulf of Mexico, USA, during a period of low wind stress. <i>Continental Shelf Research</i> , 2008, 28, 1443-1450.	1.8	24
14	High frequency measurement of nitrate concentration in the Lower Mississippi River, USA. <i>Journal of Hydrology</i> , 2014, 519, 376-386.	5.4	20
15	Response of heterotrophic bacteria in a mesoscale iron enrichment in the northeast subarctic Pacific Ocean. <i>Limnology and Oceanography</i> , 2015, 60, 136-148.	3.1	15
16	New Approaches to the Gulf Hypoxia Problem. <i>Eos</i> , 2010, 91, 173-173.	0.1	5