John W Day

List of Publications by Year
in descending order

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62	6,183	147801	123424
papers	citations	31 h-index	61 g-index

88	88	88	5054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing Chlorophyll a Spatiotemporal Patterns Combining In Situ Continuous Fluorometry Measurements and Landsat 8/OLI Data across the Barataria Basin (Louisiana, USA). Water (Switzerland), 2021, 13, 512.	2.7	8
2	Assessing Multi-Hazard Vulnerability and Dynamic Coastal Flood Risk in the Mississippi Delta: The Global Delta Risk Index as a Social-Ecological Systems Approach. Water (Switzerland), 2021, 13, 577.	2.7	10
3	Coastal Wetland Resilience, Accelerated Seaâ€Level Rise, and the Importance of Timescale. AGU Advances, 2021, 2, e2020AV000334.	5.4	46
4	The â€œProblemâ€•of New Orleans and Diminishing Sustainability of Mississippi River Managementâ€”Future Options. Water (Switzerland), 2021, 13, 813.	2.7	5
5	Deltas in Arid Environments. Water (Switzerland), 2021, 13, 1677.	2.7	8
6	Recovery and Restoration of Biloxi Marsh in the Mississippi River Delta. Water (Switzerland), 2021, 13, 3179.	2.7	3
7	Multivariate Analyses of Water Quality Dynamics Over Four Decades in the Barataria Basin, Mississippi Delta. Water (Switzerland), 2020, 12, 3143.	2.7	3
8	Elevation and accretion dynamics at historical plots in the Biloxi Marshes, Mississippi Delta. Estuarine, Coastal and Shelf Science, 2020, 245, 106970.	2.1	4
9	Life Cycle of Oil and Gas Fields in the Mississippi River Delta: A Review. Water (Switzerland), 2020, 12, 1492.	2.7	33
10	A review of emerging organic contaminants (EOCs), antibiotic resistant bacteria (ARB), and antibiotic resistance genes (ARGs) in the environment: Increasing removal with wetlands and reducing environmental impacts. Bioresource Technology, 2020, 307, 123228.	9.6	219
11	Wetland shear strength with emphasis on the impact of nutrients, sediments, and sea level rise. Estuarine, Coastal and Shelf Science, 2019, 229, 106394.	2.1	25
12	Geo-cultural Time: Advancing Human Societal Complexity Within Worldwide Constraint Bottlenecksâ€”A Chronological/Helical Approach to Understanding Humanâ€“Planetary Interactions. BioPhysical Economics and Resource Quality, 2019, 4, 1.	2.4	11
13	The Central Role of Energy in the Urban Transition: Global Challenges for Sustainability. BioPhysical Economics and Resource Quality, 2019, 4, 1.	2.4	19
14	The Energy Pillars of Society: Perverse Interactions of Human Resource Use, the Economy, and Environmental Degradation. BioPhysical Economics and Resource Quality, 2018, 3, 1.	2.4	26
15	Modeling impacts of sea-level rise, oil price, and management strategy on the costs of sustaining Mississippi delta marshes with hydraulic dredging. Science of the Total Environment, 2018, 618, 1547-1559.	8.0	17
16	Challenges in Collaborative Governance for Coastal Restoration: Lessons from the Caernarvon River Diversion in Louisiana. Coastal Management, 2017, 45, 125-142.	2.0	13
17	Carbon Sequestration at a Forested Wetland Receiving Treated Municipal Effluent. Wetlands, 2017, 37, 861-873.	1.5	18
18	The impact of two large floods (1993â€“1994) on sediment deposition in the RhÃ´ne delta: Implications for sustainable management. Science of the Total Environment, 2017, 609, 251-262.	8.0	18

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19	Aboveground Net Primary Productivity in a Riparian Wetland Following Restoration of Hydrology. Biology, 2016, 5, 10.	2.8	2
20	Sediment Deposition at the Caernarvon Crevasse during the Great Mississippi Flood of 1927: Implications for Coastal Restoration. Water (Switzerland), 2016, 8, 38.	2.7	33
21	Can Continental Shelf River Plumes in the Northern and Southern Gulf of Mexico Promote Ecological Resilience in a Time of Climate Change?. Water (Switzerland), 2016, 8, 83.	2.7	28
22	Fate of Soil Organic Carbon During Wetland Loss. Wetlands, 2016, 36, 1167-1181.	1.5	49
23	Impacts of Changing Hydrology and Hurricanes on Forest Structure and Growth Along a Flooding/Elevation Gradient in a South Louisiana Forested Wetland from 1986 to 2009. Wetlands, 2014, 34, 803-814.	1.5	42
24	Restoring the sustainability of the Mississippi River Delta. Ecological Engineering, 2014, 65, 131-146.	3.6	33
25	Vegetation and Soil Dynamics of a Louisiana Estuary Receiving Pulsed Mississippi River Water Following Hurricane Katrina. Estuaries and Coasts, 2013, 36, 665-682.	2.2	38
26	Nitrate Removal and Nitrate Removal Velocity in Coastal Louisiana Freshwater Wetlands. Analytical Letters, 2013, 46, 1171-1181.	1.8	3
27	Artificial modifications of the coast in response to theDeepwater Horizonoil spill: quick solutions or long-term liabilities?. Frontiers in Ecology and the Environment, 2012, 10, 44-49.	4.0	30
28	Assessing the response of the Gulf Coast to global change. Eos, 2012, 93, 456-456.	0.1	0
29	Growth Responses of Baldcypress to Wastewater Nutrient Additions and Changing Hydrologic Regime. Wetlands, 2012, 32, 95-103.	1.5	21
30	Hydrologic and nutrient dynamics of a coastal bay and wetland receiving discharge from the Atchafalaya River. Hydrobiologia, 2011, 658, 55-66.	2.0	24
31	Nutrient stoichiometry, freshwater residence time, and nutrient retention in a river-dominated estuary in the Mississippi Delta. Hydrobiologia, 2011, 658, 41-54.	2.0	31
32	Sustainability of Mediterranean Deltaic and Lagoon Wetlands with Sea-Level Rise: The Importance of River Input. Estuaries and Coasts, 2011, 34, 483-493.	2.2	82
33	Vegetation death and rapid loss of surface elevation in two contrasting Mississippi delta salt marshes: The role of sedimentation, autocompaction and sea-level rise. Ecological Engineering, 2011, 37, 229-240.	3.6	200
34	Vertical Accretion and Relative Sea Level Rise in the Ebro Delta Wetlands (Catalonia, Spain). Wetlands, 2010, 30, 979-988.	1.5	56
35	New Approaches to the Gulf Hypoxia Problem. Eos, 2010, 91, 173-173.	0.1	5
36	Sinking deltas due to human activities. Nature Geoscience, 2009, 2, 681-686.	12.9	1,823

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37	Impacts of secondarily treated municipal effluent on a freshwater forested wetland after 60 years of discharge. Wetlands, 2009, 29, 363-371.	1.5	31
38	Early floating marsh establishment and growth dynamics in a nutrient amended wetland in the lower Mississippi delta. Wetlands, 2009, 29, 1004-1013.	1.5	12
39	The MRGO Navigation Project: A Massive Human-Induced Environmental, Economic, and Storm Disaster. Journal of Coastal Research, 2009, 10054, 206-224.	0.3	50
40	Consequences of Climate Change on the Ecogeomorphology of Coastal Wetlands. Estuaries and Coasts, 2008, 31, 477-491.	2.2	280
41	Survive or subside?. Nature Geoscience, 2008, 1, 156-157.	12.9	39
42	Restoration of the Mississippi Delta: Lessons from Hurricanes Katrina and Rita. Science, 2007, 315, 1679-1684.	12.6	644
43	Wetland surface elevation, vertical accretion, and subsidence at three Louisiana Estuaries receiving diverted Mississippi River water. Wetlands, 2006, 26, 1130-1142.	1.5	88
44	Structure of a unique inland mangrove forest assemblage in fossil lagoons on the Caribbean Coast of Mexico. Wetlands Ecology and Management, 2005, 13, 111-122.	1.5	16
45	River forcing at work: ecological modeling of prograding and regressive deltas. Wetlands Ecology and Management, 2004, 12, 103-114.	1.5	7
46	Using Ecotechnology to address water quality and wetland habitat loss problems in the Mississippi basin: a hierarchical approach. Biotechnology Advances, 2003, 22, 135-159.	11.7	88
47	The impact of wastewater effluent on accretion and decomposition in a subsiding forested wetland. Wetlands, 2002, 22, 18-32.	1.5	56
48	Primary production and decomposition ofSarcocornia fruticosa (L.) scott andPhragmites australis Trin. Ex Steudel in the Po Delta, Italy. Estuaries and Coasts, 2002, 25, 325-336.	1.7	47
49	Net primary production and decomposition of salt marshes of the Ebre delta (Catalonia, Spain). Estuaries and Coasts, 2002, 25, 309-324.	1.7	69
50	Response scenarios for the deltaic plain of the RhÃ´ne in the face of an acceleration in the rate of sea-level rise with special attention toSalicornia-type environments. Estuaries and Coasts, 2002, 25, 337-358.	1.7	85
51	Pattern and Process of Land Loss in the Mississippi Delta: A Spatial and Temporal Analysis of Wetland Habitat Change. Estuaries and Coasts, 2000, 23, 425.	1.7	409
52	A Water Chemistry Assessment of Wastewater Remediation in a Natural Swamp. Journal of Environmental Quality, 2000, 29, 1960-1968.	2.0	32
53	LANDSCAPE MODELING OF COASTAL HABITAT CHANGE IN THE MISSISSIPPI DELTA. Ecology, 2000, 81, 2331-2349.	3.2	71
54	Water Quality Analysis of a Freshwater Diversion at Caernarvon, Louisiana. Estuaries and Coasts, 1999, 22, 327.	1.7	154

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55	Produced Water 2: Environmental Issues and Mitigation Technologies. Estuaries and Coasts, 1997, 20, 655.	1.7	4
56	Morphologic development, relative sea level rise and sustainable management of water and sediment in the Ebre Delta, Spain. Journal of Coastal Conservation, 1997, 3, 191-202.	1.6	82
57	Morphologic development, relative sea level rise and sustainable management of water and sediment in the Ebre Delta, Spain. Journal of Coastal Conservation, 1997, 3, 191-202.	1.6	21
58	Impacts of Sea-Level Rise on Deltas in the Gulf of Mexico and the Mediterranean: The Importance of Pulsing Events to Sustainability. Estuaries and Coasts, 1995, 18, 636.	1.7	212
59	Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. Marine Geology, 1995, 128, 1-9.	2.1	353
60	High Precision Measurements of Sediment Elevation in Shallow Coastal Areas Using a Sedimentation-Erosion Table. Estuaries and Coasts, 1993, 16, 375.	1.7	152
61	An Instrument System for High-Speed Mapping of Chlorophyll a and Physico-Chemical Variables in Surface Waters. Estuaries and Coasts, 1992, 15, 421.	1.7	44
62	Nutrient Transport in a Riverine-Influenced, Tidal Freshwater Bayou in Louisiana. Estuaries and Coasts, 1991, 14, 382.	1.7	24