Patrick D Biber

List of Publications by Year
in descending order

39	553	566801 15	676716 22
papers	citations	h-index	g-index

40	40	40	664
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing Vegetation, Nutrient Content and Soil Dynamics Along a Coastal Elevation Gradient in a Mississippi Estuary. Estuaries and Coasts, 2022, 45, 1217-1229.	1.0	6
2	Prolonged low salinity tolerance in Halodule wrightii Asch. Aquatic Botany, 2022, 178, 103498.	0.8	1
3	Nearshore Sediment Comparisons among Natural, Living, and Armored Shorelines in Mobile Bay, Alabama. Southeastern Naturalist, 2021, 20, .	0.2	1
4	Sea-level rise thresholds for stability of salt marshes in a riverine versus a marine dominated estuary. Science of the Total Environment, 2020, 718, 137181.	3.9	11
5	Using Aerial Imagery to Determine the Effects of Sea-Level Rise on Fluvial Marshes at the Mouth of the Pascagoula River (Mississippi, USA). Journal of Coastal Research, 2020, 37, .	0.1	3
6	Socio-ecological Mobility: A Research Strategy for a New Coastline. Coastal Management, 2019, 47, 611-620.	1.0	4
7	SEDIMENTARY, SEASONAL, AND STORM INFLUENCES ON SHALLOW GROUNDWATER HYDROLOGY IN COASTAL MARSHES IN GRAND BAY NATIONAL ESTUARINE RESEARCH RESERVE, MISSISSIPPI. , 2019, , .		0
8	Rhizosphere Microbial Communities of Spartina alterniflora and Juncus roemerianus From Restored and Natural Tidal Marshes on Deer Island, Mississippi. Frontiers in Microbiology, 2018, 9, 3049.	1.5	20
9	Litter Decomposition of Spartina alterniflora and Juncus roemerianus: Implications of Climate Change in Salt Marshes. Journal of Coastal Research, 2017, 33, 372.	0.1	24
10	Spatial and Temporal Patterns in Thalassia testudinum Leaf Tissue Nutrients at the Chandeleur Islands, Louisiana, USA. Estuaries and Coasts, 2017, 40, 1288-1300.	1.0	6
11	Thresholds of seaâ€level rise rate and seaâ€level rise acceleration rate in a vulnerable coastal wetland. Ecology and Evolution, 2017, 7, 10890-10903.	0.8	14
12	Seasonal and Annual Dynamics in Seagrass Beds of the Grand Bay National Estuarine Research Reserve, Mississippi. Southeastern Geographer, 2017, 57, 246-272.	0.1	4
13	Shoalgrass in the Gulf of Mexico: A Mississippi Perspective. Southeastern Geographer, 2017, 57, 203-206.	0.1	0
14	Introduction: Coastal Seagrass and Submerged Aquatic Vegetation Habitats in the Gulf of Mexico. Southeastern Geographer, 2017, 57, 208-211.	0.1	0
15	Habitat Characterization for Submerged and Floating-Leaved Aquatic Vegetation in Coastal River Deltas of Mississippi and Alabama. Southeastern Geographer, 2016, 56, 454-472.	0.1	6
16	The use of marine aquaculture solid waste for nursery production of the salt marsh plants Spartina alterniflora and Juncus roemerianus. Aquaculture Reports, 2016, 3, 108-114.	0.7	30
17	HYDROLOGIC RESPONSES OF A COASTAL MARSH ALONG A SALINITY GRADIENT: A CASE STUDY IN GRAND BAY NATIONAL ESTUARINE RESEARCH RESERVE, MISSISSIPPI. , 2016, , .		0
18	Autotrophic net productivity patterns at four artificial reef sites in the Mississippi Sound. Hydrobiologia, 2015, 749, 135-154.	1.0	9

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19	Moisture content, temperature, and relative humidity influence seed storage and subsequent survival and germination of Vallisneria americana seeds. Aquatic Botany, 2015, 120, 297-303.	0.8	15
20	Testa imposed dormancy in Vallisneria americana seeds from the Mississippi Gulf Coast. Journal of the Torrey Botanical Society, 2014, 141, 80-90.	0.1	5
21	Seagrasses in the Mississippi and Chandeleur Sounds and Problems Associated with Decadal-Scale Change Detection. Gulf of Mexico Science, 2014, 32, .	0.4	7
22	Cost-effectiveness of two small-scale salt marsh restoration designs. Ecological Engineering, 2013, 53, 250-256.	1.6	27
23	Modeling photosynthesis of Spartina alterniflora (smooth cordgrass) impacted by the Deepwater Horizon oil spill using Bayesian inference. Environmental Research Letters, 2012, 7, 045302.	2.2	19
24	Leaf Wand for Measuring Chlorophyll Fluorescence on Cylindrical Leaves and Its Application on <i>Juncus roemerianus</i> (Black Needlerush). American Journal of Plant Sciences, 2012, 03, 75-83.	0.3	3
25	Historical changes in seagrass coverage on the Mississippi barrier islands, northern Gulf of Mexico, determined from vertical aerial imagery (1940â€“2007). Geocarto International, 2011, 26, 663-673.	1.7	25
26	Seed Propagation Protocol for Wigeongrass (Ruppia maritima) (Mississippi). Ecological Restoration, 2010, 28, 135-137.	0.6	2
27	Decadal-scale changes in seagrass coverage on the Mississippi barrier islands, northern Gulf of Mexico. Nature Precedings, 2009, , .	0.1	1
28	Experimental analysis of the response and recovery of Zostera marina (L.) and Halodule wrightii (Ascher.) to repeated light-limitation stress. Journal of Experimental Marine Biology and Ecology, 2009, 369, 110-117.	0.7	37
29	Inoculation and Colonization of Four Saltmarsh Species with Vesicular-Arbuscular Mycorrhizal Fungi (Mississippi). Ecological Restoration, 2009, 27, 387-389.	0.6	1
30	Calibration of a Bio-optical Model in the North River, North Carolina (Albemarleâ€“Pamlico Sound): A Tool to Evaluate Water Quality Impacts on Seagrasses. Estuaries and Coasts, 2008, 31, 177-191.	1.0	32
31	Seed Germination and Seedling Survival of Spartina alterniflora Loisel. American Journal of Agricultural and Biological Science, 2008, 3, 633-638.	0.9	19
32	Hydrodynamic transport of drifting macroalgae through a tidal cut. Estuarine, Coastal and Shelf Science, 2007, 74, 565-569.	0.9	32
33	Transport and persistence of drifting macroalgae (Rhodophyta) are strongly influenced by flow velocity and substratum complexity in tropical seagrass habitats. Marine Ecology - Progress Series, 2007, 343, 115-122.	0.9	20
34	Temporal and spatial dynamics of macroalgal communities along an anthropogenic salinity gradient in Biscayne Bay (Florida, USA). Aquatic Botany, 2006, 85, 65-77.	0.8	34
35	Hydroponic versus rooted growth of Zostera marina L. (Eelgrass). Hydrobiologia, 2006, 568, 489-492.	1.0	3
36	Modeling the dynamics of three functional groups of macroalgae in tropical seagrass habitats. Ecological Modelling, 2004, 175, 25-54.	1.2	38

#	Article	IF	Citations
37	Coral communities of Biscayne Bay, Florida and adjacent offshore areas: diversity, abundance, distribution, and environmental correlates. Aquatic Conservation: Marine and Freshwater Ecosystems, 2003, 13, 121-135.	0.9	64
38	The influence of freshwater runoff on biomass, morphometrics, and production of Thalassia testudinum. Aquatic Botany, 2002, 72, 67-78.	0.8	25
39	Determining Salinity-Tolerance of Giant Salvinia Using Chlorophyll Fluorescence. Gulf and Caribbean Research, 0, 21, .	0.7	5