

Karen L Mckee

List of Publications by Year in descending order

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97
papers

11,053
citations

38660

50
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51492

86
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107
all docs

107
docs citations

107
times ranked

5962
citing authors

#	ARTICLE	IF	CITATIONS
1	Presence of the Herbaceous Marsh Species <i>Schoenoplectus americanus</i> Enhances Surface Elevation Gain in Transitional Coastal Wetland Communities Exposed to Elevated CO ₂ and Sediment Deposition Events. <i>Plants</i> , 2022, 11, 1259.	1.6	2
2	How Plants Influence Resilience of Salt Marsh and Mangrove Wetlands to Sea-Level Rise. <i>Estuaries and Coasts</i> , 2021, 44, 883-898.	1.0	83
3	Does geomorphology determine vulnerability of mangrove coasts to sea-level rise?. , 2021, , 255-272.		9
4	The history of surface-elevation paradigms in mangrove biogeomorphology. , 2021, , 179-198.		3
5	Hurricane sedimentation in a subtropical salt marsh-mangrove community is unaffected by vegetation type. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 239, 106733.	0.9	15
6	The Shifting Saltmarsh-Mangrove Ecotone in Australasia and the Americas. , 2019, , 915-945.		16
7	Will fluctuations in salt marsh mangrove dominance alter vulnerability of a subtropical wetland to sea-level rise?. <i>Global Change Biology</i> , 2018, 24, 1224-1238.	4.2	53
8	Assessing coastal wetland vulnerability to sea-level rise along the northern Gulf of Mexico coast: Gaps and opportunities for developing a coordinated regional sampling network. <i>PLoS ONE</i> , 2017, 12, e0183431.	1.1	33
9	Species and tissue type regulate long-term decomposition of brackish marsh plants grown under elevated CO ₂ conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 38-45.	0.9	16
10	Mangrove Sedimentation and Response to Relative Sea-Level Rise. <i>Annual Review of Marine Science</i> , 2016, 8, 243-266.	5.1	310
11	Variable nutrient stoichiometry (carbon:nitrogen:phosphorus) across trophic levels determines community and ecosystem properties in an oligotrophic mangrove system. <i>Oecologia</i> , 2015, 179, 863-876.	0.9	31
12	Water use characteristics of black mangrove (<i>Avicennia germinans</i>) communities along an ecotone with marsh at a northern geographical limit. <i>Ecohydrology</i> , 2014, 7, 354-365.	1.1	27
13	How mangrove forests adjust to rising sea level. <i>New Phytologist</i> , 2014, 202, 19-34.	3.5	489
14	Ecological role and services of tropical mangrove ecosystems: a reassessment. <i>Global Ecology and Biogeography</i> , 2014, 23, 726-743.	2.7	555
15	Tracking sedimentation from the historic A.D. 2011 Mississippi River flood in the deltaic wetlands of Louisiana, USA. <i>Geology</i> , 2013, 41, 391-394.	2.0	26
16	Linking the historic 2011 Mississippi River flood to coastal wetland sedimentation. <i>Nature Geoscience</i> , 2012, 5, 803-807.	5.4	81
17	Can elevated CO ₂ modify regeneration from seed banks of floating freshwater marshes subjected to rising sea-level?. <i>Hydrobiologia</i> , 2012, 683, 123-133.	1.0	5
18	Response of Salt Marsh and Mangrove Wetlands to Changes in Atmospheric CO ₂ , Climate, and Sea Level. , 2012, , 63-96.		89

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19	Biophysical controls on accretion and elevation change in Caribbean mangrove ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 91, 475-483.	0.9	215
20	Soil warming alters seed bank responses across the geographic range of freshwater <i>Taxodium distichum</i> (Cupressaceae) swamps. <i>American Journal of Botany</i> , 2011, 98, 1943-1955.	0.8	7
21	Can differences in phosphorus uptake kinetics explain the distribution of cattail and sawgrass in the Florida Everglades?. <i>BMC Plant Biology</i> , 2010, 10, 23.	1.6	13
22	Nutrient and growth responses of cattail (<i>Typha domingensis</i>) to redox intensity and phosphate availability. <i>Annals of Botany</i> , 2010, 105, 175-184.	1.4	31
23	Biocomplexity in Mangrove Ecosystems. <i>Annual Review of Marine Science</i> , 2010, 2, 395-417.	5.1	328
24	Elevated CO ₂ stimulates marsh elevation gain, counterbalancing sea-level rise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6182-6186.	3.3	251
25	Elevated CO ₂ enhances biological contributions to elevation change in coastal wetlands by offsetting stressors associated with sea level rise. <i>Journal of Ecology</i> , 2009, 97, 67-77.	1.9	118
26	Hurricane Katrina sediment slowed elevation loss in subsiding brackish marshes of the Mississippi River delta. <i>Wetlands</i> , 2009, 29, 2-15.	0.7	107
27	Perspectives on mosquito impoundments in eastern Florida, USA: Reply to Rey et al. (2009). <i>Marine Ecology - Progress Series</i> , 2009, 389, 301-306.	0.9	0
28	Porewater biogeochemistry and soil metabolism in dwarf red mangrove habitats (Twin Cays, Belize). <i>Biogeochemistry</i> , 2008, 87, 181-198.	1.7	66
29	Where temperate meets tropical: multifactorial effects of elevated CO ₂ , nitrogen enrichment, and competition on a mangrove salt marsh community. <i>Global Change Biology</i> , 2008, 14, 971-984.	4.2	140
30	Environmental drivers in mangrove establishment and early development: A review. <i>Aquatic Botany</i> , 2008, 89, 105-127.	0.8	576
31	Characteristics of mangrove swamps managed for mosquito control in eastern Florida, USA. <i>Marine Ecology - Progress Series</i> , 2008, 371, 117-129.	0.9	4
32	MANGROVE RECRUITMENT AFTER FOREST DISTURBANCE IS FACILITATED BY HERBACEOUS SPECIES IN THE CARIBBEAN. <i>Ecological Applications</i> , 2007, 17, 1678-1693.	1.8	107
33	Caribbean mangroves adjust to rising sea level through biotic controls on change in soil elevation. <i>Global Ecology and Biogeography</i> , 2007, 16, 545-556.	2.7	561
34	Nutrient Addition Differentially Affects Ecological Processes of <i>Avicennia germinans</i> in Nitrogen versus Phosphorus Limited Mangrove Ecosystems. <i>Ecosystems</i> , 2007, 10, 347-359.	1.6	106
35	Coastal Wetland Vulnerability to Relative Sea-Level Rise: Wetland Elevation Trends and Process Controls. , 2006, , 271-292.		168
36	Primary production in an impounded baldcypress swamp (<i>Taxodium distichum</i>) at the northern limit of the range. <i>Wetlands Ecology and Management</i> , 2005, 13, 15-24.	0.7	15

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37	Use of a latitudinal gradient in bald cypress (<i>Taxodium distichum</i>) production to examine physiological controls of biotic boundaries and potential responses to environmental change. <i>Global Ecology and Biogeography</i> , 2004, 13, 247-258.	2.7	31
38	Acute salt marsh dieback in the Mississippi River deltaic plain: a drought-induced phenomenon?. <i>Global Ecology and Biogeography</i> , 2004, 13, 65-73.	2.7	200
39	The effect of nutrient enrichment on growth, photosynthesis and hydraulic conductance of dwarf mangroves in Panama. <i>Functional Ecology</i> , 2004, 18, 25-33.	1.7	181
40	Nitrogen vs. phosphorus limitation across an ecotonal gradient in a mangrove forest. <i>Biogeochemistry</i> , 2003, 62, 145-175.	1.7	270
41	Nitrogen limitation of growth and nutrient dynamics in a disturbed mangrove forest, Indian River Lagoon, Florida. <i>Oecologia</i> , 2003, 134, 405-414.	0.9	210
42	Mass tree mortality leads to mangrove peat collapse at Bay Islands, Honduras after Hurricane Mitch. <i>Journal of Ecology</i> , 2003, 91, 1093-1105.	1.9	380
43	Interactive effects of redox intensity and phosphate availability on growth and nutrient relations of <i>Cladium jamaicense</i> (Cyperaceae). <i>American Journal of Botany</i> , 2003, 90, 736-748.	0.8	27
44	Mangrove Isotopic ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) Fractionation across a Nitrogen vs. Phosphorus Limitation Gradient. <i>Ecology</i> , 2002, 83, 1065.	1.5	10
45	MANGROVE ISOTOPIC ($\delta^{15}\text{N}$ AND $\delta^{13}\text{C}$) FRACTIONATION ACROSS A NITROGEN VS. PHOSPHORUS LIMITATION GRADIENT. <i>Ecology</i> , 2002, 83, 1065-1075.	1.5	192
46	Root phosphatase activity in <i>Cladium jamaicense</i> and <i>Typha domingensis</i> grown in Everglades soil at ambient and elevated phosphorus levels. <i>Wetlands</i> , 2002, 22, 794-800.	0.7	20
47	Growth, biomass allocation and nutrient use efficiency in <i>Cladium jamaicense</i> and <i>Typha domingensis</i> as affected by phosphorus and oxygen availability. <i>Aquatic Botany</i> , 2001, 70, 117-133.	0.8	112
48	Degradation of mangrove tissues and implications for peat formation in Belizean island forests. <i>Journal of Ecology</i> , 2001, 89, 818-828.	1.9	242
49	Root proliferation in decaying roots and old root channels: a nutrient conservation mechanism in oligotrophic mangrove forests?. <i>Journal of Ecology</i> , 2001, 89, 876-887.	1.9	58
50	Species and population variation to salinity stress in <i>Panicum hemitomon</i> , <i>Spartina patens</i> , and <i>Spartina alterniflora</i> : morphological and physiological constraints. <i>Environmental and Experimental Botany</i> , 2001, 46, 277-297.	2.0	134
51	A comparison of physiological indicators of sublethal cadmium stress in wetland plants. <i>Environmental and Experimental Botany</i> , 2001, 46, 263-275.	2.0	81
52	Fate of oxygen losses from <i>Typha domingensis</i> (Typhaceae) and <i>Cladium jamaicense</i> (Cyperaceae) and consequences for root metabolism. <i>American Journal of Botany</i> , 2000, 87, 1081-1090.	0.8	76
53	Restoration of Biogeochemical Function in Mangrove Forests. <i>Restoration Ecology</i> , 2000, 8, 247-259.	1.4	201
54	Ecophysiology of Wetland Plant Roots: A Modelling Comparison of Aeration in Relation to Species Distribution. <i>Annals of Botany</i> , 2000, 86, 675-685.	1.4	100

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55	Seed germination of two Everglades species, <i>Cladium jamaicense</i> and <i>Typha domingensis</i> . <i>Aquatic Botany</i> , 2000, 66, 169-180.	0.8	57
56	Mangrove Peat Analysis and Reconstruction of Vegetation History at the Pelican Cays, Belize. <i>Atoll Research Bulletin</i> , 2000, 468, 47-58.	0.2	50
57	Small Gap Creation in Belizean Mangrove Forests by a Wood-Boring Insect ¹ . <i>Biotropica</i> , 1999, 31, 607-617.	0.8	70
58	EFFECTS OF NUTRIENT ENRICHMENT ON WITHIN-STAND CYCLING IN A MANGROVE FOREST. <i>Ecology</i> , 1999, 80, 2193-2205.	1.5	166
59	Intraspecific Variation in Salt Tolerance and Morphology in <i>Panicum hemitomom</i> and <i>Spartina alterniflora</i> (Poaceae). <i>International Journal of Plant Sciences</i> , 1998, 159, 127-138.	0.6	57
60	A Field Comparison of Indicators of Sublethal Stress in the Salt-Marsh Grass <i>Spartina patens</i> . <i>Estuaries and Coasts</i> , 1997, 20, 48.	1.7	27
61	Title is missing!. <i>Mangroves and Salt Marshes</i> , 1997, 1, 103-111.	0.6	65
62	Population variation in growth response to flooding of three marsh grasses. <i>Ecological Engineering</i> , 1997, 8, 31-47.	1.6	47
63	The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. <i>American Journal of Botany</i> , 1996, 83, 470-479.	0.8	63
64	Intraspecific variation in salt tolerance and morphology in the coastal grass <i>Spartina patens</i> (poaceae). <i>American Journal of Botany</i> , 1996, 83, 1521-1527.	0.8	31
65	Growth and physiological responses of neotropical mangrove seedlings to root zone hypoxia. <i>Tree Physiology</i> , 1996, 16, 883-889.	1.4	95
66	Intraspecific variation in salt tolerance and morphology in the coastal grass <i>Spartina patens</i> (poaceae). , 1996, 83, 1521.		36
67	The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. , 1996, 83, 470.		66
68	Recovery of freshwater marsh vegetation after a saltwater intrusion event. <i>Oecologia</i> , 1995, 103, 63-72.	0.9	67
69	Seedling recruitment patterns in a Belizean mangrove forest: effects of establishment ability and physico-chemical factors. <i>Oecologia</i> , 1995, 101, 448-460.	0.9	195
70	Relative growth of <i>Spartina patens</i> (Ait.) Muhl. and <i>Scirpus olneyi</i> Gray occurring in a mixed stand as affected by salinity and flooding depth. <i>Wetlands</i> , 1995, 15, 20-30.	0.7	74
71	INTERSPECIFIC VARIATION IN GROWTH, BIOMASS PARTITIONING, AND DEFENSIVE CHARACTERISTICS OF NEOTROPICAL MANGROVE SEEDLINGS: RESPONSE TO LIGHT AND NUTRIENT AVAILABILITY. <i>American Journal of Botany</i> , 1995, 82, 299-307.	0.8	105
72	Mangrove Species Distribution and Propagule Predation in Belize: An Exception to the Dominance-Predation Hypothesis. <i>Biotropica</i> , 1995, 27, 334.	0.8	98

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73	A comparison of indicators of sublethal salinity stress in the salt marsh grass, <i>Spartina patens</i> (Ait.) Muhl.. <i>Aquatic Botany</i> , 1995, 52, 59-74.	0.8	30
74	A comparison of indicators of sub-lethal untrient stress in the salt marsh grass, <i>Spartina patens</i> . <i>Environmental and Experimental Botany</i> , 1995, 35, 331-343.	2.0	15
75	INTERSPECIFIC VARIATION IN GROWTH, BIOMASS PARTITIONING, AND DEFENSIVE CHARACTERISTICS OF NEOTROPICAL MANGROVE SEEDLINGS: RESPONSE TO LIGHT AND NUTRIENT AVAILABILITY. , 1995, 82, 299.		85
76	Clonal integration in <i>Spartina patens</i> across a nitrogen and salinity gradient. <i>Canadian Journal of Botany</i> , 1994, 72, 767-770.	1.2	37
77	Soil Physicochemical Patterns and Mangrove Species Distribution–Reciprocal Effects?. <i>Journal of Ecology</i> , 1993, 81, 477.	1.9	297
78	Indicators of Environmental Stress in Wetland Plants. , 1992, , 603-624.		13
79	Effects of increased elevation and macro- and micronutrient additions on <i>Spartina alterniflora</i> transplant success in salt-marsh dieback areas in Louisiana. <i>Environmental Management</i> , 1992, 16, 505-511.	1.2	39
80	Mechanism for the hydrogen sulfide-induced growth limitation in wetland macrophytes. <i>Limnology and Oceanography</i> , 1990, 35, 399-408.	1.6	280
81	Salinity and flooding level as determinants of soil solution composition and nutrient content in <i>Panicum hemitomum</i> . <i>Plant and Soil</i> , 1989, 114, 197-204.	1.8	4
82	Live Standing Crop and Metabolism of the Marsh Grass <i>Spartina patens</i> as Related to Edaphic Factors in a Brackish, Mixed Marsh Community in Louisiana. <i>Estuaries and Coasts</i> , 1989, 12, 195.	1.7	44
83	Response of a freshwater marsh plant community to increased salinity and increased water level. <i>Aquatic Botany</i> , 1989, 34, 301-316.	0.8	165
84	Effect of long-term flooding on root metabolic response in five freshwater marsh plant species. <i>Canadian Journal of Botany</i> , 1989, 67, 3446-3452.	1.2	35
85	The Relationship of Smooth Cordgrass (<i>Spartina alterniflora</i>) to Tidal Datums: A Review. <i>Estuaries and Coasts</i> , 1988, 11, 143.	1.7	213
86	<i>Spartina Alterniflora</i> Die-Back in Louisiana: Time-Course Investigation of Soil Waterlogging Effects. <i>Journal of Ecology</i> , 1988, 76, 509.	1.9	227
87	REEXAMINATION OF PORE WATER SULFIDE CONCENTRATIONS AND REDOX POTENTIALS NEAR THE AERIAL ROOTS OF RHIZOPHORA MANGLE AND AVICENNIA GERMINANS. <i>American Journal of Botany</i> , 1988, 75, 1352-1359.	0.8	244
88	REEXAMINATION OF PORE WATER SULFIDE CONCENTRATIONS AND REDOX POTENTIALS NEAR THE AERIAL ROOTS OF RHIZOPHORA MANGLE AND AVICENNIA GERMINANS. , 1988, 75, 1352.		136
89	Root metabolism in the black mangrove (<i>Avicennia germinans</i> (L.) L): Response to hypoxia. <i>Environmental and Experimental Botany</i> , 1987, 27, 147-156.	2.0	55
90	The Impact and Mitigation of Man-Made Canals in Coastal Louisiana. <i>Water Science and Technology</i> , 1984, 16, 497-504.	1.2	7

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91	Adenylate energy charge (AEC) response to stress and extraction technique in the Louisiana swamp crayfish, <i>Procambarus clarkii</i> . Bulletin of Environmental Contamination and Toxicology, 1984, 33, 584-591.	1.3	12
92	The influence of season on adenine nucleotide concentrations and energy charge in four marsh plant species. <i>Physiologia Plantarum</i> , 1984, 62, 1-7.	2.6	23
93	Effect of flooding on activities of soil dehydrogenases and alcohol dehydrogenase in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 19	0.8	19
94	LOUISIANA'S ERODING COASTAL ZONE: MANAGEMENT ALTERNATIVES. <i>Journal of the Limnological Society of Southern Africa</i> , 1983, 9, 63-75.	0.1	20
95	The Influence of Morphology in Determining the Decomposition of Two Salt Marsh Macrophytes. <i>Estuaries and Coasts</i> , 1982, 5, 302.	1.7	33
96	Determination of adenine nucleotide levels and adenylate energy charge ratio in two <i>Spartina</i> species. <i>Aquatic Botany</i> , 1981, 11, 37-55.	0.8	31
97	Oxygen Deficiency in <i>Spartina alterniflora</i> Roots: Metabolic Adaptation to Anoxia. <i>Science</i> , 1981, 214, 439-441.	6.0	407