

Rajendra Paudel

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

314
citations

840119

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g-index

19
all docs

19
docs citations

19
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	Does increased model complexity improve description of phosphorus dynamics in a large treatment wetland?. <i>Ecological Engineering</i> , 2012, 42, 283-294.	1.6	48
2	Management scenario evaluation for a large treatment wetland using a spatio-temporal phosphorus transport and cycling model. <i>Ecological Engineering</i> , 2010, 36, 1627-1638.	1.6	27
3	Orientation matters: Patch anisotropy controls discharge competence and hydroperiod in a patterned peatland. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	27
4	CH<sub>4</sub> parameter estimation in CLM4.5bgc using surrogate global optimization. <i>Geoscientific Model Development</i> , 2015, 8, 3285-3310.	1.3	26
5	A Phased Assessment of Restoration Alternatives to Achieve Phosphorus Water Quality Targets for Lake Okeechobee, Florida, USA. <i>Water (Switzerland)</i> , 2019, 11, 327.	1.2	24
6	Spatially distributed modeling of surface water flow dynamics in the Everglades ridge and slough landscape. <i>Journal of Hydrology</i> , 2010, 390, 1-12.	2.3	23
7	Effects of hydraulic resistance by vegetation on stage dynamics of a stormwater treatment wetland. <i>Journal of Hydrology</i> , 2013, 484, 74-85.	2.3	21
8	Attribution of changes in global wetland methane emissions from pre-industrial to present using CLM4.5-BGC. <i>Environmental Research Letters</i> , 2016, 11, 034020.	2.2	21
9	Seasonal and interannual variability in wetland methane emissions simulated by CLM4Me' and CAM-chem and comparisons to observations of concentrations. <i>Biogeosciences</i> , 2015, 12, 4029-4049.	1.3	20
10	Mechanistic Biogeochemical Model Applications for Everglades Restoration: A Review of Case Studies and Suggestions for Future Modeling Needs. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 489-516.	6.6	17
11	A watershed scale assessment of phosphorus remediation strategies for achieving water quality restoration targets in the western Everglades. <i>Ecological Engineering</i> , 2020, 143, 105663.	1.6	12
12	Evaluating the performance of climate models in reproducing the hydrological characteristics of rainfall events. <i>Hydrological Sciences Journal</i> , 2020, 65, 1490-1511.	1.2	10
13	Watershed Response to Legacy Phosphorus and Best Management Practices in an Impacted Agricultural Watershed in Florida, U.S.A.. <i>Land</i> , 2021, 10, 977.	1.2	9
14	Assessing the Hydrologic Response of Key Restoration Components to Everglades Ecosystem. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	1.3	8
15	A multi-indicator spatial similarity approach for evaluating ecological restoration scenarios. <i>Landscape Ecology</i> , 2019, 34, 2557-2574.	1.9	6
16	Economic valuation of the ecological response to hydrologic restoration in the Greater Everglades ecosystem. <i>Ecological Indicators</i> , 2020, 117, 106678.	2.6	6
17	Spatially Distributed Hydrodynamic Modeling of Phosphorus Transport and Transformation in a Cell-Network Treatment Wetland. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	4
18	Using empirical data and modeled scenarios of Everglades restoration to understand changes in coastal vulnerability to sea level rise. <i>Climatic Change</i> , 2021, 168, 1.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Predicting effects of water management on breeding abundance of three wading bird species. Journal of Wildlife Management, 0, , .	0.7	2