K Ramesh Reddy

List of Publications by Year
in descending order

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40 papers	2,273 citations	279798 23 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	2632 citing authors

#	Article	IF	Citations
1	Impacts of Hurricanes on Nutrient Export and Ecosystem Metabolism in a Blackwater River Estuary Complex. Journal of Marine Science and Engineering, 2022, 10, 661.	2.6	1
2	Nitrous oxide dynamics during denitrification along a hydrological gradient of subtropical grasslands. Soil Use and Management, 2020, 36, 682-692.	4.9	13
3	Impacts of Hurricane Disturbance on Water Quality across the Aquatic Continuum of a Blackwater River to Estuary Complex. Journal of Marine Science and Engineering, 2020, 8, 412.	2.6	11
4	Shifting Ground: Landscape-Scale Modeling of Biogeochemical Processes under Climate Change in the Florida Everglades. Environmental Management, 2019, 64, 416-435.	2.7	4
5	Phosphatase activities in sediments of subtropical lakes with different trophic states. Hydrobiologia, 2017, 788, 305-318.	2.0	9
6	Chemical Composition of Soil Organic Matter in a Subarctic Peatland: Influence of Shifting Vegetation Communities. Soil Science Society of America Journal, 2017, 81, 41-49.	2.2	28
7	Nitrous Oxide Production and Reduction in Seasonallyâ€Flooded Cultivated Peatland Soils. Soil Science Society of America Journal, 2016, 80, 783-793.	2.2	17
8	Use of a Modified Chemical Fractionation Scheme to Characterize Organic Nitrogen in Wetland Soils. Soil Science Society of America Journal, 2015, 79, 1509-1517.	2.2	4
9	Response to Comment on â€œThe Chemical Nature of Phosphorus in Subtropical Lake Sedimentsâ€, by Kenney et al.. Aquatic Geochemistry, 2015, 21, 7-9.	1.3	1
10	Projecting Changes in Everglades Soil Biogeochemistry for Carbon and Other Key Elements, to Possible 2060 Climate and Hydrologic Scenarios. Environmental Management, 2015, 55, 776-798.	2.7	33
11	The effects of herbivory and nutrients on plant biomass and carbon storage in Vertisols of an East African savanna. Agriculture, Ecosystems and Environment, 2015, 208, 55-63.	5.3	9
12	Nitrous oxide production and consumption by denitrification in a grassland: Effects of grazing and hydrology. Science of the Total Environment, 2015, 532, 702-710.	8.0	22
13	Effects of freshwater input on trace element pollution in salt marsh soils of a typical coastal estuary, China. Journal of Hydrology, 2015, 520, 186-192.	5.4	103
14	Biogeochemical Indicators of Nutrient Enrichments in Wetlands: The Microbial Response as a Sensitive Indicator of Wetland Eutrophication. , 2014, , 203-222.		5
15	The Chemical Nature of Phosphorus in Subtropical Lake Sediments. Aquatic Geochemistry, 2014, 20, 437-457.	1.3	25
16	Seasonal patterns in decomposition and nutrient release from East African savanna grasses grown under contrasting nutrient conditions. Agriculture, Ecosystems and Environment, 2014, 188, 12-19.	5.3	15
17	Millennial-Scale Phosphorus Transformations during Diagenesis in a Subtropical Peatland. Soil Science Society of America Journal, 2014, 78, 1087-1096.	2.2	2
18	Seasonal Dynamics of Trace Elements in Tidal Salt Marsh Soils as Affected by the Flow-Sediment Regulation Regime. PLoS ONE, 2014, 9, e107738.	2.5	47

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19	Effect of salinity-altering pulsing events on soil organic carbon loss along an intertidal wetland gradient: a laboratory experiment. Biogeochemistry, 2013, 115, 363-383.	3.5	162
20	Soil Phosphorus Forms along a Strong Nutrient Gradient in a Tropical Ombrotrophic Wetland. Soil Science Society of America Journal, 2012, 76, 1496-1506.	2.2	42
21	Linking Phosphorus Sequestration to Carbon Humification in Wetland Soils by ³¹P and ¹³C NMR Spectroscopy. Environmental Science & Technology, 2012, 46, 4775-4782.	10.0	40
22	Stable isotope (Î´13C and Î´15N) values of sediment organic matter in subtropical lakes of different trophic status. Journal of Paleolimnology, 2012, 47, 693-706.	1.6	86
23	Spatial distributions and eco-partitioning of soil biogeochemical properties in the Everglades National Park. Environmental Monitoring and Assessment, 2011, 183, 395-408.	2.7	32
24	Soil Microbial Community Composition in a Restored Calcareous Subtropical Wetland. Soil Science Society of America Journal, 2011, 75, 1731-1740.	2.2	34
25	Short-Term Response of Carbon Cycling to Salinity Pulses in a Freshwater Wetland. Soil Science Society of America Journal, 2011, 75, 2000-2007.	2.2	144
26	Interaction of Phosphorus Compounds with Anionâ€Exchange Membranes: Implications for Soil Analysis. Soil Science Society of America Journal, 2010, 74, 1607-1612.	2.2	28
27	Soil Phosphorus Forms in Hydrologically Isolated Wetlands and Surrounding Pasture Uplands. Journal of Environmental Quality, 2010, 39, 1517-1525.	2.0	38
28	Estimating the Stability of Organic Phosphorus in Wetland Soils. Soil Science Society of America Journal, 2010, 74, 1398-1405.	2.2	11
29	Phosphorus Transformations during Decomposition of Wetland Macrophytes. Environmental Science & Technology, 2010, 44, 9265-9271.	10.0	71
30	Soil Total Mercury Concentrations across the Greater Everglades. Soil Science Society of America Journal, 2009, 73, 675-685.	2.2	20
31	Phosphorus Sorption and Potential Phosphorus Storage in Sediments of Lake Istokpoga and the Upper Chain of Lakes, Florida, USA. Journal of Environmental Quality, 2009, 38, 987-996.	2.0	36
32	Microbial Indicators of Eutrophication in Everglades Wetlands. Soil Science Society of America Journal, 2009, 73, 1597-1603.	2.2	20
33	CHARACTERIZATION OF THE SPATIAL DISTRIBUTION OF SOIL PROPERTIES IN WATER CONSERVATION AREA 2A, EVERGLADES, FLORIDA. Soil Science, 2007, 172, 149-166.	0.9	40
34	Sample Pretreatment and Phosphorus Speciation in Wetland Soils. Soil Science Society of America Journal, 2007, 71, 1538-1546.	2.2	33
35	Overestimation of Organic Phosphorus in Wetland Soils by Alkaline Extraction and Molybdate Colorimetry. Environmental Science & Technology, 2006, 40, 3349-3354.	10.0	64
36	Spatial Distribution of Soil Properties in Water Conservation Area 3 of the Everglades. Soil Science Society of America Journal, 2006, 70, 1662-1676.	2.2	65

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37	Investigating the use of macrophyte stable C and N isotopic ratios as indicators of wetland eutrophication: Patterns in the P-affected Everglades. Limnology and Oceanography, 2006, 51, 2380-2387.	3.1	43
38	Litter Decomposition and Nutrient Dynamics in a Phosphorus Enriched Everglades Marsh. Biogeochemistry, 2005, 75, 217-240.	3.5	87
39	Influence of hydrologic regime and vegetation on phosphorus retention in Everglades stormwater treatment area wetlands. Hydrological Processes, 2004, 18, 343-355.	2.6	56
40	Nitrogen Transformations in Submerged Soils. Agronomy, 0, , 401-436.	0.2	38