

Robert G Qualls

List of Publications by Year in descending order

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35
papers

3,238
citations

257101

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395343

33
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35
all docs

35
docs citations

35
times ranked

3014
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradability of Dissolved Organic Matter in Forest Throughfall, Soil Solution, and Stream Water. Soil Science Society of America Journal, 1992, 56, 578-586.	1.2	533
2	Geochemistry of Dissolved Organic Nutrients in Water Percolating through a Forest Ecosystem. Soil Science Society of America Journal, 1991, 55, 1112-1123.	1.2	411
3	Fluxes of Dissolved Organic Nutrients and Humic Substances in a Deciduous Forest. Ecology, 1991, 72, 254-266.	1.5	407
4	Comparison of the behavior of soluble organic and inorganic nutrients in forest soils. Forest Ecology and Management, 2000, 138, 29-50.	1.4	159
5	Title is missing!. Biogeochemistry, 2003, 62, 197-229.	1.7	154
6	Effect of soil flooding on photosynthesis, carbohydrate partitioning and nutrient uptake in the invasive exotic <i>Lepidium latifolium</i> . Aquatic Botany, 2005, 82, 250-268.	0.8	134
7	Title is missing!. Plant and Soil, 2000, 222, 191-202.	1.8	130
8	Phosphorus Enrichment Affects Litter Decomposition, Immobilization, and Soil Microbial Phosphorus in Wetland Mesocosms. Soil Science Society of America Journal, 2000, 64, 799-808.	1.2	128
9	Adaptive responses of <i>Lepidium latifolium</i> to soil flooding: biomass allocation, adventitious rooting, aerenchyma formation and ethylene production. Environmental and Experimental Botany, 2002, 48, 119-128.	2.0	120
10	FORMS OF SOIL PHOSPHORUS ALONG A NUTRIENT ENRICHMENT GRADIENT IN THE NORTHERN EVERGLADES. Soil Science, 1995, 160, 183-198.	0.9	117
11	Estimating Ecological Thresholds for Phosphorus in the Everglades. Environmental Science & Technology, 2007, 41, 8084-8091.	4.6	87
12	Quality of soluble organic C, N, and P produced by different types and species of litter: Root litter versus leaf litter. Soil Biology and Biochemistry, 2012, 54, 57-67.	4.2	79
13	Stability of Phosphorus within a Wetland Soil following Ferric Chloride Treatment To Control Eutrophication. Environmental Science & Technology, 2001, 35, 4126-4131.	4.6	69
14	Biodegradability of Humic Substances and Other Fractions of Decomposing Leaf Litter. Soil Science Society of America Journal, 2004, 68, 1705-1712.	1.2	63
15	Adsorption of Dissolved Organic Carbon and Nitrogen in Soils of a Weathering Chronosequence. Soil Science Society of America Journal, 2004, 68, 292-305.	1.2	62
16	Comparison of different isotherm models for dissolved organic carbon (DOC) and nitrogen (DON) sorption to mineral soil. Geoderma, 2007, 139, 144-153.	2.3	61
17	Kinetics of the short-term consumption of chlorine by fulvic acid. Environmental Science & Technology, 1983, 17, 692-698.	4.6	59
18	Biodegradability of Fractions of Dissolved Organic Carbon Leached from Decomposing Leaf Litter. Environmental Science & Technology, 2005, 39, 1616-1622.	4.6	59

#	ARTICLE	IF	CITATIONS
19	Optimization of dissolved organic nitrogen (DON) measurements in aqueous samples with high inorganic nitrogen concentrations. <i>Science of the Total Environment</i> , 2007, 386, 103-113.	3.9	58
20	Contribution of Root vs. Leaf Litter to Dissolved Organic Carbon Leaching through Soil. <i>Soil Science Society of America Journal</i> , 2007, 71, 1555-1563.	1.2	50
21	Anaerobic metabolism in the roots of seedlings of the invasive exotic <i>Lepidium latifolium</i> . <i>Environmental and Experimental Botany</i> , 2003, 50, 29-40.	2.0	42
22	Title is missing!. <i>Plant and Soil</i> , 1999, 210, 21-32.	1.8	41
23	Adsorption of Dissolved Organic and Inorganic Phosphorus in Soils of a Weathering Chronosequence. <i>Soil Science Society of America Journal</i> , 2004, 68, 620-628.	1.2	39
24	Mineralization rate of ¹⁴ C-labelled dissolved organic matter from leaf litter in soils of a weathering chronosequence. <i>Soil Biology and Biochemistry</i> , 2005, 37, 905-916.	4.2	27
25	The Role of Leaf Litter Nitrogen Immobilization in the Nitrogen Budget of a Swamp Stream. <i>Journal of Environmental Quality</i> , 1984, 13, 640-644.	1.0	25
26	Soil reduction-oxidation potential along a nutrient-enrichment gradient in the Everglades. <i>Wetlands</i> , 2001, 21, 403-411.	0.7	20
27	Production of Total Potentially Soluble Organic C, N, and P Across an Ecosystem Chronosequence: Root versus Leaf Litter. <i>Ecosystems</i> , 2009, 12, 240-260.	1.6	20
28	The influence of humic substances on the aerobic decomposition of submerged leaf litter. <i>Hydrobiologia</i> , 1990, 206, 133-138.	1.0	16
29	Effect of natural dissolved organic carbon on phosphate removal by ferric chloride and aluminum sulfate treatment of wetland waters. <i>Water Resources Research</i> , 2009, 45, .	1.7	15
30	Key Questions on the Evaporation and Transport of Intercepted Precipitation. , 2020, , 269-280.		13
31	Long-Term (13 Years) Decomposition Rates of Forest Floor Organic Matter on Paired Coniferous and Deciduous Watersheds with Contrasting Temperature Regimes. <i>Forests</i> , 2016, 7, 231.	0.9	11
32	Accretion of Nutrients and Sediment by a Constructed Stormwater Treatment Wetland in the Lake Tahoe Basin. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1495-1512.	1.0	9
33	Formation and Loss of Humic Substances During Decomposition in a Pine Forest Floor. <i>Soil Science Society of America Journal</i> , 2003, 67, 899-909.	1.2	9
34	Role of Precipitation Partitioning in Litter Biogeochemistry. , 2020, , 163-182.		8
35	Response to Comment on "Estimating Ecological Thresholds for Phosphorus in the Everglades". <i>Environmental Science & Technology</i> , 2008, 42, 6772-6773.	4.6	3