

William G Crumpton

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

956
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate and organic N analyses with second-derivative spectroscopy. <i>Limnology and Oceanography</i> , 1992, 37, 907-913.	3.1	348
2	Rating curve estimation of nutrient loads in Iowa rivers. <i>Journal of Hydrology</i> , 2011, 396, 158-169.	5.4	92
3	Effects of emergent macrophytes on dissolved oxygen dynamics in a prairie pothole wetland. <i>Wetlands</i> , 1996, 16, 495-502.	1.5	66
4	Spatial distribution of historical wetland classes on the Des Moines Lobe, Iowa. <i>Wetlands</i> , 2009, 29, 1146-1152.	1.5	60
5	Hypoxia in the Northern Gulf of Mexico. <i>Springer Series on Environmental Management</i> , 2010, , .	0.3	57
6	Increased extreme precipitation challenges nitrogen load management to the Gulf of Mexico. <i>Communications Earth & Environment</i> , 2020, 1, .	6.8	36
7	Atrazine tolerance of algae isolated from two agricultural streams. <i>Environmental Toxicology and Chemistry</i> , 1989, 8, 327-332.	4.3	26
8	Determination of growth rate depression of some green algae by atrazine. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1987, 39, 1041-1048.	2.7	24
9	Light availability and growth of wildcelery (<i>Vallisneria americana</i>) in upper Mississippi River backwaters. <i>River Research and Applications</i> , 1995, 11, 167-174.	0.8	24
10	Water quality performance of wetlands receiving nonpoint-source nitrogen loads: Nitrate and total nitrogen removal efficiency and controlling factors. <i>Journal of Environmental Quality</i> , 2020, 49, 735-744.	2.0	23
11	Estimating the breakdown and accumulation of emergent macrophyte litter: A mass-balance approach. <i>Wetlands</i> , 2009, 29, 204-214.	1.5	22
12	Wetland hydrologic class change from prior to European settlement to present on the Des Moines Lobe, Iowa. <i>Wetlands Ecology and Management</i> , 2012, 20, 1-8.	1.5	22
13	Using Soil Surveys to Map Quaternary Parent Materials and Landforms across the Des Moines Lobe of Iowa and Minnesota. <i>Soil Horizons</i> , 2008, 49, 91.	0.3	21
14	Simulation of Daily Flow Pathways, Tile-Drain Nitrate Concentrations, and Soil-Nitrogen Dynamics Using SWAT. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1251-1266.	2.4	20
15	Evaluation of Existing and Modified Wetland Equations in the <sc>SWAT</sc> Model. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1267-1280.	2.4	16
16	Transformation and Loss of Nitrate in an Agricultural Stream. <i>Journal of Freshwater Ecology</i> , 1989, 5, 123-129.	1.2	15
17	Spatial patterns in dissolved oxygen and methane concentrations in a prairie pothole wetland in Iowa, USA. <i>Wetlands</i> , 2006, 26, 1020-1025.	1.5	15
18	Wetland Invertebrate Community Responses to Varying Emergent Litter in a Prairie Pothole Emergent Marsh. <i>Wetlands</i> , 2010, 30, 1031-1043.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Morphology of Drained Upland Depressions on the Des Moines Lobe of Iowa. <i>Wetlands</i> , 2019, 39, 587-600.	1.5	11
20	Title is missing!. <i>Hydrobiologia</i> , 1999, 416, 163-170.	2.0	10
21	Heavy Precipitation Impacts on Nitrogen Loading to the Gulf of Mexico in the 21st Century: Model Projections Under Future Climate Scenarios. <i>Earth's Future</i> , 2022, 10, .	6.3	10
22	Primary production and light dynamics in an upper Mississippi River backwater. <i>River Research and Applications</i> , 1995, 11, 185-192.	0.8	8
23	Potential of water quality wetlands to mitigate habitat losses from agricultural drainage modernization. <i>Science of the Total Environment</i> , 2022, 838, 156358.	8.0	7
24	Runoff Storage Potential of Drained Upland Depressions on the Des Moines Lobe of Iowa. <i>Journal of the American Water Resources Association</i> , 2019, 55, 543-558.	2.4	6
25	MORPHOLOGY OF DRAINED UPLAND DEPRESSIONS ON THE DES MOINES LOBE OF IOWA. , 2018, , .		3