

Scott A Wells

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

595
citations

1163117

8
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and opportunities for integrating lake ecosystem modelling approaches. <i>Aquatic Ecology</i> , 2010, 44, 633-667.	1.5	208
2	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. <i>Aquatic Ecology</i> , 2015, 49, 513-548.	1.5	97
3	Impacts of water level rise on algal bloom prevention in the tributary of Three Gorges Reservoir, China. <i>Ecological Engineering</i> , 2017, 98, 70-81.	3.6	97
4	Field Measurements on Side Arms of Lake Anna, Va.. <i>Journal of Hydraulic Engineering</i> , 1984, 110, 773-793.	1.5	60
5	Modeling density currents in a typical tributary of the Three Gorges Reservoir, China. <i>Ecological Modelling</i> , 2015, 296, 113-125.	2.5	56
6	Effects of water level fluctuation on thermal stratification in a typical tributary bay of Three Gorges Reservoir, China. <i>PeerJ</i> , 2019, 7, e6925.	2.0	19
7	Density-driven water circulation in a typical tributary of the Three Gorges Reservoir, China. <i>River Research and Applications</i> , 2019, 35, 833-843.	1.7	16
8	Thermal stratification and its relationship with water quality in the typical tributary bay of the Three Gorges Reservoir. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 918-925.	2.1	10
9	Integrating Landsat TM/ETM+ and Numerical Modeling to Estimate Water Temperature in the Tigris River under Future Climate and Management Scenarios. <i>Water (Switzerland)</i> , 2019, 11, 892.	2.7	8
10	Modeling the response of dissolved oxygen to phosphorus loading in Lake Spokane. <i>Lake and Reservoir Management</i> , 2016, 32, 270-279.	1.3	6
11	Analytical and field verification of a 3D hydrodynamic and water quality numerical scheme based on the 2D formulation in CE-QUAL-W2. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2020, 58, 152-171.	1.7	6
12	Modeling Cyanobacteria Vertical Migration. <i>Water (Switzerland)</i> , 2022, 14, 953.	2.7	4
13	3D Numerical Temperature Model Development and Calibration for Lakes and Reservoirs: A Case Study. , 2017, , .		3
14	Environmental Decision Support Systems as a Service: Demonstration on CE-QUAL-W2 Model. <i>Water (Switzerland)</i> , 2022, 14, 885.	2.7	3
15	Hydrodynamic and Total Dissolved Solids Model of the Tigris River Using CE-QUAL-W2. <i>Environmental Processes</i> , 2019, 6, 619-641.	3.5	2
16	A Unique Volume Balance Approach for Verifying the Three-Dimensional Hydrodynamic Numerical Models in Surface Waterbody Simulation. , 0, , .		0
17	Modeling Thermal Stratification Effects in Lakes and Reservoirs. , 0, , .		0
18	Modeling the Effectiveness of Cooling Trenches for Stormwater Temperature Mitigation. <i>Water (Switzerland)</i> , 2021, 13, 373.	2.7	0