

John Gulliver

List of Publications by Year in descending order

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42
papers

1,952
citations

361045

20
h-index

454577

30
g-index

42
all docs

42
docs citations

42
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	It Is Not Easy Being Green: Recognizing Unintended Consequences of Green Stormwater Infrastructure. <i>Water (Switzerland)</i> , 2020, 12, 522.	1.2	64
2	The Challenge of Maintaining Stormwater Control Measures: A Synthesis of Recent Research and Practitioner Experience. <i>Sustainability</i> , 2018, 10, 3666.	1.6	22
3	The St. Anthony Falls Laboratory: 80 Years of Progress Part 2A Transition to Environmental Research. , 2018, , .		0
4	Phosphate Removal from Agricultural Tile Drainage with Iron Enhanced Sand. <i>Water (Switzerland)</i> , 2017, 9, 672.	1.2	22
5	Gas transfer in a bubbly wake flow. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 35, 012020.	0.2	1
6	Simulating air entrainment and vortex dynamics in a hydraulic jump. <i>International Journal of Multiphase Flow</i> , 2015, 72, 165-180.	1.6	47
7	Perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in soils and groundwater of a U.S. metropolitan area: Migration and implications for human exposure. <i>Water Research</i> , 2015, 72, 64-74.	5.3	244
8	Application of Displacement Height and Surface Roughness Length to Determination Boundary Layer Development Length over Stepped Spillway. <i>Water (Switzerland)</i> , 2014, 6, 3888-3912.	1.2	12
9	Mechanisms for removal of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) from drinking water by conventional and enhanced coagulation. <i>Water Research</i> , 2013, 47, 49-56.	5.3	180
10	Review of highway runoff characteristics: Comparative analysis and universal implications. <i>Water Research</i> , 2012, 46, 6609-6624.	5.3	186
11	Capturing phosphates with iron enhanced sand filtration. <i>Water Research</i> , 2012, 46, 3032-3042.	5.3	135
12	Input characterization of perfluoroalkyl substances in wastewater treatment plants: Source discrimination by exploratory data analysis. <i>Water Research</i> , 2012, 46, 3101-3109.	5.3	137
13	Effects of Monovalent Cations on the Competitive Adsorption of Perfluoroalkyl Acids by Kaolinite: Experimental Studies and Modeling. <i>Environmental Science & Technology</i> , 2011, 45, 10028-10035.	4.6	172
14	SAFL Baffle retrofit for suspended sediment removal in storm sewer sumps. <i>Water Research</i> , 2011, 45, 5895-5904.	5.3	16
15	Velocity Profile for Developing Flow over Stepped Spillway. , 2011, , .		1
16	Improved Standard Sumps as Best Management Practice for Stormwater Treatment. , 2010, , .		0
17	Assessment of Standard Sumps for Stormwater Treatment. , 2009, , .		0
18	Performance Assessment of Rain Gardens ¹ . <i>Journal of the American Water Resources Association</i> , 2009, 45, 1019-1031.	1.0	123

#	ARTICLE	IF	CITATIONS
19	Field Testing Guidelines for Certification of Manufactured Stormwater BMPs: Part II. , 2009, , .		0
20	Assessing Hydrodynamic Separators under High Water Flow Conditions. , 2009, , .		0
21	Gas transfer and liquid dispersion inside a deep airlift reactor. AICHE Journal, 2008, 54, 850-861.	1.8	21
22	Modeling Total Dissolved Gas Concentration Downstream of Spillways. Journal of Hydraulic Engineering, 2008, 134, 550-561.	0.7	46
23	Performance Assessment of Low Impact Stormwater Practices. , 2008, , .		0
24	Four Levels of Assessment for LID Practices. , 2008, , .		3
25	Improvements in Infiltration Rates of Compacted Soil with Tillage and Compost. , 2008, , .		0
26	Gas Transfer inside a Deep Airlift Reactor. , 2008, , .		0
27	Cost and Pollutant Removal of Storm-Water Treatment Practices. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 218-229.	1.3	88
28	Closure to "Decay of Turbulence Downstream of a Stilling Basin" by A. L. Urban, S. C. Wilhelms, and J. S. Gulliver. Journal of Hydraulic Engineering, 2006, 132, 1362-1362.	0.7	1
29	Decay of Turbulence Downstream of a Stilling Basin. Journal of Hydraulic Engineering, 2005, 131, 825-829.	0.7	7
30	Turbulence quantification and sediment resuspension in an oscillating grid chamber. Experiments in Fluids, 2003, 34, 662-677.	1.1	48
31	Impact of bubble and free surface oxygen transfer on diffused aeration systems. Water Research, 2003, 37, 1890-1904.	5.3	80
32	Modeling of phosphorus dynamics in aquatic sediments: "model development. Water Research, 2003, 37, 3928-3938.	5.3	78
33	Field Experiments to Determine Gas Transfer at Gated Sills. Journal of Hydraulic Engineering, 2001, 127, 848-859.	0.7	12
34	In-stream flow impact on river water temperatures. Journal of Hydraulic Research/De Recherches Hydrauliques, 2000, 38, 339-349.	0.7	106
35	Processes controlling aqueous concentrations for riverine spills. Journal of Hazardous Materials, 1999, 64, 57-73.	6.5	6
36	An aqueous concentration model for riverine spills. Journal of Hazardous Materials, 1999, 64, 37-53.	6.5	12

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37	Comparative flow characteristics of a moving-bed flume. Experiments in Fluids, 1992, 13, 289-298.	1.1	8
38	Water Quality Impact Assessment for Hydropower. Journal of Environmental Engineering, ASCE, 1991, 117, 179-193.	0.7	12
39	Closure to "Wind Function for a Sheltered Stream" by John S. Gulliver and Heinz G. Stefan (April.) Tj ETQq1 1.0,784314.rgBT /O	0.7	0
40	Hydromechanics of Variable Speed Turbines. Journal of Energy Engineering - ASCE, 1987, 113, 1-13.	1.0	21
41	Unsteady one-dimensional settling of suspended sediment. Water Resources Research, 1981, 17, 1125-1132.	1.7	41
42	Measurement Uncertainty in Gas Exchange Coefficients. Geophysical Monograph Series, 0, , 239-245.	0.1	0