

John Gulliver

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9377235/publications.pdf>

Version: 2024-02-01

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	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
2	Review of highway runoff characteristics: Comparative analysis and universal implications. <i>Water Research</i> , 2012, 46, 6609-6624.	5.3	186
3	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
4	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
5	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
6	Capturing phosphates with iron enhanced sand filtration. <i>Water Research</i> , 2012, 46, 3032-3042.	5.3	135
7	Performance Assessment of Rain Gardens ¹ . <i>Journal of the American Water Resources Association</i> , 2009, 45, 1019-1031.	1.0	123
8	In-stream flow impact on river water temperatures. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2000, 38, 339-349.	0.7	106
9	Cost and Pollutant Removal of Storm-Water Treatment Practices. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2007, 133, 218-229.	1.3	88
10	Impact of bubble and free surface oxygen transfer on diffused aeration systems. <i>Water Research</i> , 2003, 37, 1890-1904.	5.3	80
11	Modeling of phosphorus dynamics in aquatic sediments: 1D model development. <i>Water Research</i> , 2003, 37, 3928-3938.	5.3	78
12	It Is Not Easy Being Green: Recognizing Unintended Consequences of Green Stormwater Infrastructure. <i>Water (Switzerland)</i> , 2020, 12, 522.	1.2	64
13	Turbulence quantification and sediment resuspension in an oscillating grid chamber. <i>Experiments in Fluids</i> , 2003, 34, 662-677.	1.1	48
14	Simulating air entrainment and vortex dynamics in a hydraulic jump. <i>International Journal of Multiphase Flow</i> , 2015, 72, 165-180.	1.6	47
15	Modeling Total Dissolved Gas Concentration Downstream of Spillways. <i>Journal of Hydraulic Engineering</i> , 2008, 134, 550-561.	0.7	46
16	Unsteady one-dimensional settling of suspended sediment. <i>Water Resources Research</i> , 1981, 17, 1125-1132.	1.7	41
17	Phosphate Removal from Agricultural Tile Drainage with Iron Enhanced Sand. <i>Water (Switzerland)</i> , 2017, 9, 672.	1.2	22
18	The Challenge of Maintaining Stormwater Control Measures: A Synthesis of Recent Research and Practitioner Experience. <i>Sustainability</i> , 2018, 10, 3666.	1.6	22

#	ARTICLE	IF	CITATIONS
19	Hydromechanics of Variable Speed Turbines. Journal of Energy Engineering - ASCE, 1987, 113, 1-13.	1.0	21
20	Gas transfer and liquid dispersion inside a deep airlift reactor. AIChE Journal, 2008, 54, 850-861.	1.8	21
21	SAFL Baffle retrofit for suspended sediment removal in storm sewer sumps. Water Research, 2011, 45, 5895-5904.	5.3	16
22	Water Quality Impact Assessment for Hydropower. Journal of Environmental Engineering, ASCE, 1991, 117, 179-193.	0.7	12
23	An aqueous concentration model for riverine spills. Journal of Hazardous Materials, 1999, 64, 37-53.	6.5	12
24	Field Experiments to Determine Gas Transfer at Gated Sills. Journal of Hydraulic Engineering, 2001, 127, 848-859.	0.7	12
25	Application of Displacement Height and Surface Roughness Length to Determination Boundary Layer Development Length over Stepped Spillway. Water (Switzerland), 2014, 6, 3888-3912.	1.2	12
26	Comparative flow characteristics of a moving-bed flume. Experiments in Fluids, 1992, 13, 289-298.	1.1	8
27	Decay of Turbulence Downstream of a Stilling Basin. Journal of Hydraulic Engineering, 2005, 131, 825-829.	0.7	7
28	Processes controlling aqueous concentrations for riverine spills. Journal of Hazardous Materials, 1999, 64, 57-73.	6.5	6
29	Four Levels of Assessment for LID Practices. , 2008, , .		3
30	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
31	Velocity Profile for Developing Flow over Stepped Spillway. , 2011, , .		1
32	Gas transfer in a bubbly wake flow. IOP Conference Series: Earth and Environmental Science, 2016, 35, 012020.	0.2	1
33	Closure to "Wind Function for a Sheltered Stream" by John S. Gulliver and Heinz G. Stefan (April.) Tj ETQq1 1,0,784314,rgBT /Ove		0
34	Performance Assessment of Low Impact Stormwater Practices. , 2008, , .		0
35	Improvements in Infiltration Rates of Compacted Soil with Tillage and Compost. , 2008, , .		0
36	Gas Transfer inside a Deep Airlift Reactor. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
37	Assessment of Standard Sumps for Stormwater Treatment. , 2009, , .		0
38	Field Testing Guidelines for Certification of Manufactured Stormwater BMPs: Part II. , 2009, , .		0
39	Assessing Hydrodynamic Separators under High Water Flow Conditions. , 2009, , .		0
40	Improved Standard Sumps as Best Management Practice for Stormwater Treatment. , 2010, , .		0
41	Measurement Uncertainty in Gas Exchange Coefficients. Geophysical Monograph Series, 0, , 239-245.	0.1	0
42	The St. Anthony Falls Laboratory: 80 Years of Progress Part 2A Transition to Environmental Research. , 2018, , .		0