

Roger Jr Viadero

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

678
citations

12
h-index

25
g-index

38
ext. papers

739
ext. citations

3.7
avg, IF

3.71
L-index

#	Paper	IF	Citations
36	Phosphorus removal by acid mine drainage sludge from secondary effluents of municipal wastewater treatment plants. <i>Water Research</i> , 2008 , 42, 3275-84	12.5	124
35	Recovery of Iron and Aluminum from Acid Mine Drainage by Selective Precipitation. <i>Environmental Engineering Science</i> , 2005 , 22, 745-755	2	120
34	Synthesis of magnetite nanoparticles with ferric iron recovered from acid mine drainage: Implications for environmental engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 294, 280-286	5.1	82
33	Membrane filtration for removal of fine solids from aquaculture process water. <i>Aquacultural Engineering</i> , 2002 , 26, 151-169	3	38
32	Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions. <i>Environmental Engineering Science</i> , 2012 , 29, 526-532	2	33
31	Two-phase limiting flux in high-shear rotary ultrafiltration of oil-in-water emulsions. <i>Journal of Membrane Science</i> , 2000 , 175, 85-96	9.6	32
30	Effluent and production impacts of flow-through aquaculture operations in West Virginia. <i>Aquacultural Engineering</i> , 2005 , 33, 258-270	3	28
29	Treatment of Oily Wastes Using High-Shear Rotary Ultrafiltration. <i>Journal of Environmental Engineering, ASCE</i> , 1997 , 123, 1234-1242	2	25
28	Study of series resistances in high-shear rotary ultrafiltration. <i>Journal of Membrane Science</i> , 1999 , 162, 199-211	9.6	25
27	Characterization and Dewatering Evaluation of Acid Mine Drainage Sludge from Ammonia Neutralization. <i>Environmental Engineering Science</i> , 2006 , 23, 734-743	2	24
26	Tubular ultrafiltration flux prediction for oil-in-water emulsions: analysis of series resistances. <i>Journal of Membrane Science</i> , 2001 , 184, 197-208	9.6	23
25	Effects of highway construction on stream water quality and macroinvertebrate condition in a mid-atlantic highlands watershed, USA. <i>Journal of Environmental Quality</i> , 2009 , 38, 1672-82	3.4	18
24	Use of treated mine water for rainbow trout (<i>Oncorhynchus mykiss</i>) culture— preliminary assessment. <i>Aquacultural Engineering</i> , 2003 , 29, 43-56	3	11
23	Post-reclamation water quality trend in a Mid-Appalachian watershed of abandoned mine lands. <i>Science of the Total Environment</i> , 2011 , 409, 941-8	10.2	10
22	A Laboratory-Scale Study of Applied Voltage on the Electrokinetic Separation of Lead from Soils. <i>Separation Science and Technology</i> , 1998 , 33, 1833-1859	2.5	10
21	Physicochemical processes. <i>Water Environment Research</i> , 1998 , 70, 449-473	2.8	10
20	Effects of Flavonoids on ¹⁴ C[7,10]-Benzo[a]pyrene Degradation in Root Zone Soil. <i>Environmental Engineering Science</i> , 2004 , 21, 637-646	2	8

19	Factors Affecting Fish Growth and Production	129		8
18	Adsorption and Precoat Filtration Studies of Synthetic Dye Removal by Acid Mine Drainage Sludge. <i>Journal of Environmental Engineering, ASCE</i> , 2007 , 133, 633-640		2	7
17	Oily Wastewater Treatment by Ultrafiltration: Pilot-Scale Results and Full-Scale Design. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 1998 , 2, 100-107			7
16	Use of treated mine water for rainbow trout (<i>Oncorhynchus mykiss</i>) culture: a production scale assessment. <i>Aquacultural Engineering</i> , 2004 , 31, 319-336		3	6
15	Nonpoint Source Pollution. <i>Water Environment Research</i> , 2007 , 79, 2032-2048		2.8	5
14	Physicochemical Processes. <i>Water Environment Research</i> , 1999 , 71, 584-618		2.8	5
13	Electronics and Metal Finishing and Processing. <i>Water Environment Research</i> , 1999 , 71, 816-822		2.8	4
12	Structural and functional aspects of treated mine water and aquaculture effluent streams. <i>Hydrobiologia</i> , 2007 , 583, 251-263		2.4	3
11	Acoustic Doppler velocimetry in aquaculture research: Raceway and quiescent zone hydrodynamics. <i>Aquacultural Engineering</i> , 2006 , 34, 16-25		3	3
10	Recovery of Metal Working Fluids Using Chelation-Ultrafiltration Process. <i>Journal of Environmental Engineering, ASCE</i> , 2000 , 126, 807-814		2	3
9	Mine drainage: Remediation technology and resource recovery. <i>Water Environment Research</i> , 2020 , 92, 1533-1540		2.8	2
8	Water-Quality Assessment and Environmental Impact Minimization for Highway Construction in a Mining-impacted Watershed: The Beaver Creek Drainage. <i>Southeastern Naturalist</i> , 2015 , 14, 112-120		0.4	1
7	Impact Assessment and Remediation Strategies for Roadway Construction in Acid-Bearing Media: Case Study from Mid-Appalachia. <i>Journal of Infrastructure Systems</i> , 2008 , 14, 223-229		2.9	1
6	Effects of Operating Parameters in Tubular Ultrafiltration. <i>Journal of Environmental Engineering, ASCE</i> , 2001 , 127, 288-294		2	1
5	Microfiltration of a Dental Wastewater (DWW) for Hg Removal. <i>Environmental Engineering Science</i> , 2002 , 19, 9-25		2	1
4	Principles of Gas Solubility in Water: Henry's Law	2019 , 1-7		0
3	A New Record of <i>Uranotaenia sapphirina</i> and <i>Aedes japonicus</i> in Lee and Ogle Counties, Illinois. <i>Journal of the American Mosquito Control Association</i> , 2021 , 37, 280-282		0.9	
2	Water Quality Factors Affecting Fish Growth and Production	2019 , 1-10		

1 The Geochemistry of Acid Mine Drainage **2019**, 1-8