

# Roger Jr Viadero

## List of Publications by Year in descending order

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34  
papers

823  
citations

759055

12  
h-index

501076

28  
g-index

38  
all docs

38  
docs citations

38  
times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus removal by acid mine drainage sludge from secondary effluents of municipal wastewater treatment plants. <i>Water Research</i> , 2008, 42, 3275-3284.	5.3	155
2	Recovery of Iron and Aluminum from Acid Mine Drainage by Selective Precipitation. <i>Environmental Engineering Science</i> , 2005, 22, 745-755.	0.8	148
3	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.	2.3	94
4	Membrane filtration for removal of fine solids from aquaculture process water. <i>Aquacultural Engineering</i> , 2002, 26, 151-169.	1.4	47
5	Performance of Nano-Magnetite for Removal of Selenium from Aqueous Solutions. <i>Environmental Engineering Science</i> , 2012, 29, 526-532.	0.8	42
6	Effluent and production impacts of flow-through aquaculture operations in West Virginia. <i>Aquacultural Engineering</i> , 2005, 33, 258-270.	1.4	35
7	Two-phase limiting flux in high-shear rotary ultrafiltration of oil-in-water emulsions. <i>Journal of Membrane Science</i> , 2000, 175, 85-96.	4.1	34
8	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, 1672-1682.	1.0	29
9	Treatment of Oily Wastes Using High-Shear Rotary Ultrafiltration. <i>Journal of Environmental Engineering, ASCE</i> , 1997, 123, 1234-1242.	0.7	28
10	Study of series resistances in high-shear rotary ultrafiltration. <i>Journal of Membrane Science</i> , 1999, 162, 199-211.	4.1	25
11	Characterization and Dewatering Evaluation of Acid Mine Drainage Sludge from Ammonia Neutralization. <i>Environmental Engineering Science</i> , 2006, 23, 734-743.	0.8	25
12	Tubular ultrafiltration flux prediction for oil-in-water emulsions: analysis of series resistances. <i>Journal of Membrane Science</i> , 2001, 184, 197-208.	4.1	24
13	Post-reclamation water quality trend in a Mid-Appalachian watershed of abandoned mine lands. <i>Science of the Total Environment</i> , 2011, 409, 941-948.	3.9	14
14	Use of treated mine water for rainbow trout ( <i>Oncorhynchus mykiss</i> ) culture—a preliminary assessment. <i>Aquacultural Engineering</i> , 2003, 29, 43-56.	1.4	12
15	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.	1.3	11
16	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.	0.4	10
17	Physicochemical processes. <i>Water Environment Research</i> , 1998, 70, 449-473.	1.3	10
18	Effects of Flavonoids on <sup>14</sup> C[7,10]-Benzo[a]pyrene Degradation in Root Zone Soil. <i>Environmental Engineering Science</i> , 2004, 21, 637-646.	0.8	10

#	ARTICLE	IF	CITATIONS
19	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.	0.7	9
20	Nonpoint Source Pollution. <i>Water Environment Research</i> , 2007, 79, 2032-2048.	1.3	7
21	Mine drainage: Remediation technology and resource recovery. <i>Water Environment Research</i> , 2020, 92, 1533-1540.	1.3	7
22	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.	1.4	6
23	Physicochemical Processes. <i>Water Environment Research</i> , 1999, 71, 584-618.	1.3	5
24	Structural and functional aspects of treated mine water and aquaculture effluent streams. <i>Hydrobiologia</i> , 2007, 583, 251-263.	1.0	5
25	Electronics and Metal Finishing and Processing. <i>Water Environment Research</i> , 1999, 71, 816-822.	1.3	4
26	Recovery of Metal Working Fluids Using Chelation-Ultrafiltration Process. <i>Journal of Environmental Engineering, ASCE</i> , 2000, 126, 807-814.	0.7	3
27	Acoustic Doppler velocimetry in aquaculture research: Raceway and quiescent zone hydrodynamics. <i>Aquacultural Engineering</i> , 2006, 34, 16-25.	1.4	3
28	Effects of Operating Parameters in Tubular Ultrafiltration. <i>Journal of Environmental Engineering, ASCE</i> , 2001, 127, 288-294.	0.7	2
29	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.	1.0	2
30	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.	0.2	2
31	Microfiltration of a Dental Wastewater (DWW) for Hg Removal. <i>Environmental Engineering Science</i> , 2002, 19, 9-25.	0.8	1
32	Electronics and metal finishing and processing. <i>Water Environment Research</i> , 1997, 69, 626-630.	1.3	0
33	Electronics and metal finishing and processing. <i>Water Environment Research</i> , 1998, 70, 646-652.	1.3	0
34	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.	0.2	0