

Steven J Duranceau

List of Publications by Year in descending order

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39
papers

274
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1039880

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docs citations

39
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the Effect of Nanoparticles and Surface Morphology on Reverse Osmosis and Nanofiltration Membrane Productivity. <i>Membranes</i> , 2013, 3, 196-225.	1.4	40
2	SOC Removal in a Membrane Softening Process. <i>Journal - American Water Works Association</i> , 1992, 84, 68-78.	0.2	39
3	Guidance and recommendations for posttreatment of desalinated water. <i>Journal - American Water Works Association</i> , 2012, 104, E510.	0.2	24
4	Sodium silicate impacts on lead release in a blended potable water distribution system. <i>Desalination and Water Treatment</i> , 2010, 16, 427-438.	1.0	18
5	Investigating iron release in distribution systems with blend variations of source waters and phosphate inhibitors. <i>Desalination and Water Treatment</i> , 2009, 8, 211-220.	1.0	17
6	A survey of desalinated permeate post-treatment practices. <i>Desalination and Water Treatment</i> , 2012, 37, 185-199.	1.0	11
7	Fate and transport of radioactive gypsum stack water entering the Floridan aquifer due to a sinkhole collapse. <i>Scientific Reports</i> , 2018, 8, 11439.	1.6	11
8	Evaluation of ultrafiltration process fouling using a novel transmembrane pressure (TMP) balance approach. <i>Journal of Membrane Science</i> , 2013, 446, 456-464.	4.1	10
9	Modeling anthropogenic boron in groundwater flow and discharge at Volusia Blue Spring (Florida,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	10
10	Removal of Enantiomeric Ibuprofen in a Nanofiltration Membrane Process. <i>Membranes</i> , 2020, 10, 383.	1.4	10
11	Modeling the permeate transient response to perturbations from steady state in a nanofiltration process. <i>Desalination and Water Treatment</i> , 2009, 1, 7-16.	1.0	8
12	Effects of orthophosphate corrosion inhibitor on lead in blended water quality environments. <i>Desalination and Water Treatment</i> , 2010, 13, 348-355.	1.0	6
13	Impact of bottled water storage duration and location on bacteriological quality. <i>International Journal of Environmental Health Research</i> , 2012, 22, 543-559.	1.3	6
14	Trihalomethane Formation Downstream of Spray Aerators Treating Disinfected Groundwater. <i>Journal - American Water Works Association</i> , 2016, 108, E99.	0.2	6
15	3-Step approach towards evaluation and elimination of acid use in pre-treatment for a brackish water reverse osmosis process. <i>Journal of Environmental Management</i> , 2013, 124, 115-120.	3.8	5
16	Comparing Adsorptive Media Use for the Direct Treatment of Phosphorous-Impaired Surface Water. <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, .	0.7	5
17	Evaluation of oxidized media filtration for removing sulfides from groundwater. <i>Desalination and Water Treatment</i> , 2011, 28, 366-377.	1.0	4
18	Impact of carboxylic acid ultrafiltration recycle streams on coagulation. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2012, 61, 306-318.	0.6	4

#	ARTICLE	IF	CITATIONS
19	The influence of solute polarizability and molecular volume on the rejection of trace organics in loose nanofiltration membrane processes. <i>Desalination and Water Treatment</i> , 2016, 57, 29059-29069.	1.0	4
20	Screening the toxicity of phosphorous-removal adsorbents using a bioluminescence inhibition test. <i>Environmental Toxicology</i> , 2016, 31, 489-495.	2.1	4
21	Evaluating Nitrate Management in the Volusia Blue Springshed. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	4
22	Effects of orthophosphate corrosion inhibitor on copper in blended water quality environments. <i>Desalination and Water Treatment</i> , 2009, 8, 154-162.	1.0	3
23	Comparison of nonhomogeneous and homogeneous mass transfer in reverse osmosis membrane processes. <i>Desalination and Water Treatment</i> , 2013, 51, 6444-6458.	1.0	3
24	Chemical and isotopic composition of nitrogen and boron in septic tank wastewater samples. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	3
25	Modeling the improvement of ultrafiltration membrane mass transfer when using biofiltration pretreatment in surface water applications. <i>Water Research</i> , 2016, 90, 258-264.	5.3	3
26	Preozonation Effects on Organic Foulants in a Coagulation-Ultrafiltration Membrane Process. <i>Journal - American Water Works Association</i> , 2017, 109, 15-24.	0.2	3
27	Using Existing Cascade Tray Aeration Infrastructure to Strip Total Trihalomethanes. <i>Journal - American Water Works Association</i> , 2018, 110, E2.	0.2	3
28	Comparing potassium permanganate, chlorine dioxide, and chlorine oxidation for manganese control of a volcanic island surface water treated with a conventional coagulation, sedimentation, and filtration process. <i>Desalination and Water Treatment</i> , 2016, 57, 14355-14363.	1.0	2
29	Modeling Ionic Strength Effects on Hollow-Fiber Nanofiltration Membrane Mass Transfer. <i>Membranes</i> , 2018, 8, 37.	1.4	2
30	Comparison of a modified and traditional rapid infiltration basin for treatment of nutrients in wastewater effluent. <i>Water Environment Research</i> , 2020, 92, 441-454.	1.3	2
31	Predictive Modeling of Sulfide Removal in Tray Aerators. <i>Journal - American Water Works Association</i> , 2012, 104, E127.	0.2	1
32	Canary in a membrane plant: A sentinel against membrane scaling. <i>Journal - American Water Works Association</i> , 2014, 106, E67.	0.2	1
33	Mass transfer and transient response time of a split-feed nanofiltration pilot unit. <i>Desalination and Water Treatment</i> , 2016, 57, 25388-25398.	1.0	1
34	Addressing corrosion control and valve tuberculation in a water distribution system supplied by a silica-laden groundwater. <i>Urban Water Journal</i> , 2018, 15, 39-45.	1.0	1
35	Modeling mass transfer using surface morphology in full-scale reverse osmosis membrane processes. <i>Desalination and Water Treatment</i> , 2013, 51, 6459-6471.	1.0	0
36	Canary in a membrane plant: A sentinel against membrane scaling. <i>Journal - American Water Works Association</i> , 2014, 106, 39-40.	0.2	0

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37	Ultrafiltration fouling reduction with the pilot-scale application of ozone preceding coagulation, flocculation, and sedimentation for surface water treatment. <i>Desalination and Water Treatment</i> , 0, , 1-8.	1.0	0
38	Using organic surrogates to manage unit operations for disinfection byproductsâ€™ control. <i>AWWA Water Science</i> , 2019, 1, e1137.	1.0	0
39	Impacts of chloride-form anion exchange seawater regeneration performance. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2065-2079.	1.2	0