

Aleksey N Pisarenko

List of Publications by Year in descending order

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28
papers

1,079
citations

706676

14
h-index

651938

25
g-index

29
all docs

29
docs citations

29
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass and flow balances for reverse osmosis virus removal crediting with tracers. AWWA Water Science, 2020, 2, e1206.	1.0	5
2	Persistent contaminants of emerging concern in ozoneâ€biofiltration systems: Analysis from multiple studies. AWWA Water Science, 2020, 2, e1193.	1.0	8
3	Evaluation of Four Dissolved Ozone Residual Metersâ€™ Performance and Disinfection Credits in Potable Reuse Applications. Ozone: Science and Engineering, 2020, 42, 213-229.	1.4	4
4	Demonstrating process robustness of potable reuse trains during challenge testing with elevated levels of acetone, formaldehyde, NDMA, and 1,4-dioxane. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 313-324.	0.6	13
5	Mechanical Reliability in Potable Reuse: Evaluation of an Advanced Water Purification Facility. Journal - American Water Works Association, 2018, 110, E19.	0.2	6
6	Reliability of pathogen control in direct potable reuse: Performance evaluation and QMRA of a full-scale 1 MGD advanced treatment train. Water Research, 2017, 122, 258-268.	5.3	56
7	Emerging investigators series: prediction of trace organic contaminant abatement with UV/H ₂ O ₂ : development and validation of semi-empirical models for municipal wastewater effluents. Environmental Science: Water Research and Technology, 2016, 2, 460-473.	1.2	29
8	Organic Contaminant Abatement in Reclaimed Water by UV/H ₂ O ₂ and a Combined Process Consisting of O ₃ /H ₂ O ₂ Followed by UV/H ₂ O ₂ : Prediction of Abatement Efficiency, Energy Consumption, and Byproduct Formation. Environmental Science & Technology, 2016, 50, 3809-3819.	4.6	146
9	Achieving Reliability in Potable Reuse: The Four Rs. Journal - American Water Works Association, 2015, 107, 48-58.	0.2	25
10	N-nitrosodimethylamine (NDMA) formation from the ozonation of model compounds. Water Research, 2015, 72, 262-270.	5.3	87
11	Effects of molecular ozone and hydroxyl radical on formation of N-nitrosamines and perfluoroalkyl acids during ozonation of treated wastewaters. Environmental Science: Water Research and Technology, 2015, 1, 668-678.	1.2	30
12	Nitrosamines in pilot-scale and full-scale wastewater treatment plants with ozonation. Water Research, 2015, 72, 251-261.	5.3	101
13	Formation of Nitrosamines during Ozonation in Potable Reuse. Proceedings of the Water Environment Federation, 2014, 2014, 4249-4258.	0.0	0
14	Investigation of Ozone-Reactive Precursors That Form NDMA: A Potable Reuse Contaminant. Proceedings of the Water Environment Federation, 2014, 2014, 2266-2272.	0.0	0
15	Evaluation of Process Control Alternatives for the Inactivation of <i>Escherichia coli</i> , MS2 Bacteriophage, and <i>Bacillus subtilis</i> Spores during Wastewater Ozonation. Ozone: Science and Engineering, 2013, 35, 501-513.	1.4	35
16	Investigation of the use of Chlorine Based Advanced Oxidation in Surface Water: Oxidation of Natural Organic Matter and Formation of Disinfection Byproducts. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	7
17	Chlorate, perchlorate, and bromate in onsiteâ€generated hypochlorite systems. Journal - American Water Works Association, 2013, 105, E93.	0.2	11
18	Optimizing Membrane Bioreactor/ Reverse Osmosis Performance for Municipal Wastewater Treatment. IDA Journal of Desalination and Water Reuse, 2012, 4, 45-51.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Development of surrogate correlation models to predict trace organic contaminant oxidation and microbial inactivation during ozonation. <i>Water Research</i> , 2012, 46, 6257-6272.	5.3	175
20	Effects of ozone and ozone/peroxide on trace organic contaminants and NDMA in drinking water and water reuse applications. <i>Water Research</i> , 2012, 46, 316-326.	5.3	157
21	Preozonation Effects on the Reduction of Reverse Osmosis Membrane Fouling in Water Reuse. <i>Ozone: Science and Engineering</i> , 2011, 33, 379-388.	1.4	38
22	Two New Methods of Synthesis for the Perbromate Ion: Chemistry and Determination by LC-MS/MS. <i>Inorganic Chemistry</i> , 2011, 50, 8691-8693.	1.9	5
23	Comparing Oxidative Organic Fouling Control in RO Membrane Applications. <i>IDA Journal of Desalination and Water Reuse</i> , 2011, 3, 45-49.	0.4	5
24	Perchlorate, bromate, and chlorate in hypochlorite solutions: Guidelines for utilities. <i>Journal - American Water Works Association</i> , 2011, 103, 71-83.	0.2	56
25	Rapid analysis of perchlorate, chlorate and bromate ions in concentrated sodium hypochlorite solutions. <i>Analytica Chimica Acta</i> , 2010, 659, 216-223.	2.6	46
26	Minimize Perchlorate Formation in Hypochlorite Solutions. <i>Opflow</i> , 2009, 35, 10-13.	0.1	2
27	Detection of ozone gas using gold nanoislands and surface plasmon resonance. <i>Talanta</i> , 2009, 80, 777-780.	2.9	22
28	Formation of surface magnetite nanoparticles from iron-exchanged zeolite using microwave radiation. <i>Journal of Materials Science</i> , 2007, 42, 9057-9062.	1.7	10