

CITATION REPORT

List of articles citing

Applicability of Ozone and Biological Activated Carbon for Potable Reuse

DOI: 10.1080/01919512.2013.866886

Ozone: Science and Engineering, 2014, 36, 123-137.

Source: <https://exaly.com/paper-pdf/59041706/citation-report.pdf>

Version: 2024-04-24

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
60	Comparative study of preozonation and prechlorination efficiency in processes of the Dnieper water treatment. <i>Journal of Water Chemistry and Technology</i> , 2015 , 37, 258-263	0.4	
59	Effect of Media on Biofilter Performance Following Ozonation of Secondary Treated Municipal Wastewater Effluent: Sand vs. GAC. <i>Ozone: Science and Engineering</i> , 2015 , 37, 143-153	2.4	12
58	Nitrosamines in pilot-scale and full-scale wastewater treatment plants with ozonation. <i>Water Research</i> , 2015 , 72, 251-61	12.5	86
57	Fate of NDMA precursors through an MBR-NF pilot plant for urban wastewater reclamation and the effect of changing aeration conditions. <i>Water Research</i> , 2016 , 102, 383-393	12.5	19
56	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. <i>Environmental Science: Water Research and Technology</i> , 2016 , 2, 460-473	4.2	20
55	Influence of volumetric reduction factor during ozonation of nanofiltration concentrates for wastewater reuse. <i>Chemosphere</i> , 2016 , 165, 497-506	8.4	17
54	Effect of Ozonation and Biological Activated Carbon Treatment of Wastewater Effluents on Formation of N-nitrosamines and Halogenated Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2017 , 51, 2329-2338	10.3	98
53	Effect of advanced oxidation on N-nitrosodimethylamine (NDMA) formation and microbial ecology during pilot-scale biological activated carbon filtration. <i>Water Research</i> , 2017 , 113, 160-170	12.5	23
52	Predicting trace organic compound attenuation by ozone oxidation: Development of indicator and surrogate models. <i>Water Research</i> , 2017 , 119, 21-32	12.5	47
51	Quantifying pathogen risks associated with potable reuse: A risk assessment case study for <i>Cryptosporidium</i> . <i>Water Research</i> , 2017 , 119, 252-266	12.5	37
50	Impact of inoculum sources on biotransformation of pharmaceuticals and personal care products. <i>Water Research</i> , 2017 , 125, 227-236	12.5	33
49	Comparing the UV/Monochloramine and UV/Free Chlorine Advanced Oxidation Processes (AOPs) to the UV/Hydrogen Peroxide AOP Under Scenarios Relevant to Potable Reuse. <i>Environmental Science & Technology</i> , 2017 , 51, 13859-13868	10.3	202
48	Mechanical Reliability in Potable Reuse: Evaluation of an Advanced Water Purification Facility. <i>Journal - American Water Works Association</i> , 2018 , 110, E19-E28	0.5	5
47	Use of ozone-biofiltration for bulk organic removal and disinfection byproduct mitigation in potable reuse applications. <i>Chemosphere</i> , 2018 , 202, 228-237	8.4	24
46	Forty Years of Advances in Ozone Technology. A Review of Ozone: Science & Engineering. <i>Ozone: Science and Engineering</i> , 2018 , 40, 3-20	2.4	17
45	Optimizing Ozone-Biofiltration Systems for Organic Carbon Removal in Potable Reuse Applications. <i>Ozone: Science and Engineering</i> , 2018 , 40, 427-440	2.4	7
44	Ozone-Based Processes. 2018 , 115-134		14

43	Overview of the Main Disinfection Processes for Wastewater and Drinking Water Treatment Plants. <i>Sustainability</i> , 2018 , 10, 86	3.6	86
42	A four-year simulation of soil aquifer treatment using columns filled with San Gabriel Valley sand. <i>Water Research</i> , 2018 , 144, 26-35	12.5	5
41	Brine pre-treatment technologies for zero liquid discharge systems. <i>Desalination</i> , 2018 , 441, 96-111	10.3	65
40	Evaluating the sustainability of indirect potable reuse and direct potable reuse: a southern Nevada case study. <i>AWWA Water Science</i> , 2019 , 1, e1153	1.6	5
39	Demonstrating process robustness of potable reuse trains during challenge testing with elevated levels of acetone, formaldehyde, NDMA, and 1,4-dioxane. 2019 , 68, 313-324		7
38	Removal of seven endocrine disrupting chemicals (EDCs) from municipal wastewater effluents by a freshwater green alga. <i>Environmental Pollution</i> , 2019 , 247, 534-540	9.3	59
37	Modeling Cost, Energy, and Total Organic Carbon Trade-Offs for Stormwater Spreading Basin Systems Receiving Recycled Water Produced Using Membrane-Based, Ozone-Based, and Hybrid Advanced Treatment Trains. <i>Environmental Science & Technology</i> , 2019 , 53, 3128-3139	10.3	11
36	N-Nitrosodimethylamine (NDMA) formation and mitigation in potable reuse treatment trains employing ozone and biofiltration. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 713-725	4.2	14
35	Impact of primary carbon sources on microbiome shaping and biotransformation of pharmaceuticals and personal care products. <i>Biodegradation</i> , 2019 , 30, 127-145	4.1	13
34	Recent Research on Ozonation By-products in Water and Wastewater Treatment: Formation, Control, Mitigation, and Other Relevant Topics. <i>Energy, Environment, and Sustainability</i> , 2019 , 117-144	0.8	1
33	Pilot-scale comparison of microfiltration/reverse osmosis and ozone/biological activated carbon with UV/hydrogen peroxide or UV/free chlorine AOP treatment for controlling disinfection byproducts during wastewater reuse. <i>Water Research</i> , 2019 , 152, 215-225	12.5	53
32	Wastewater treatment in amine-based carbon capture. <i>Chemosphere</i> , 2019 , 222, 742-756	8.4	11
31	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylenlafaxine in water. <i>Environmental Pollution</i> , 2019 , 246, 346-356	9.3	11
30	Synergistic effects of combining ozonation, ceramic membrane filtration and biologically active carbon filtration for wastewater reclamation. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121091	12.8	22
29	Pilot testing of direct and indirect potable water reuse using multi-stage ozone-biofiltration without reverse osmosis. <i>Water Research</i> , 2020 , 169, 115178	12.5	18
28	Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. <i>Science of the Total Environment</i> , 2020 , 710, 136312	10.2	86
27	Formation and Fate of Carbonyls in Potable Water Reuse Systems. <i>Environmental Science & Technology</i> , 2020 , 54, 10895-10903	10.3	7
26	Effects of ozonation on disinfection by-product formation potentials and biostability in a pilot-scale drinking water treatment plant with micro-polluted water. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 3254-3265	2.6	1

25	Direct potable reuse using full advanced treatment versus ozone biofiltration: A cost comparison. <i>AWWA Water Science</i> , 2020 , 2, e1210	1.6	5
24	Reuse treatment with ozonation, biofiltration, and activated carbon adsorption for total organic carbon control and disinfection byproduct regulation compliance. <i>AWWA Water Science</i> , 2020 , 2, e1190	1.6	4
23	Persistent contaminants of emerging concern in ozone-biofiltration systems: Analysis from multiple studies. <i>AWWA Water Science</i> , 2020 , 2, e1193	1.6	3
22	Removal and growth of microorganisms across treatment and simulated distribution at a pilot-scale direct potable reuse facility. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1370-1387	4.2	1
21	Evaluation of Four Dissolved Ozone Residual Meters Performance and Disinfection Credits in Potable Reuse Applications. <i>Ozone: Science and Engineering</i> , 2020 , 42, 213-229	2.4	2
20	Biofiltration for treatment of recent emerging contaminants in water: Current and future perspectives. <i>Water Environment Research</i> , 2021 , 93, 972-992	2.8	5
19	Advanced oxidation. <i>Interface Science and Technology</i> , 2021 , 225-324	2.3	1
18	Performance of the HSDM to predict competitive uptake of PFAS, NOM and inorganic anions by suspended ion exchange processes. <i>Environmental Science: Water Research and Technology</i> , 2021 , 7, 1417-1429 ²	4.2	2
17	Disinfection byproducts in potable reuse. <i>Comprehensive Analytical Chemistry</i> , 2021 , 139-161	1.9	1
16	Demonstration-scale evaluation of ozone-biofiltration-granular activated carbon advanced water treatment for managed aquifer recharge. <i>Water Environment Research</i> , 2021 , 93, 1157-1172	2.8	2
15	Formation and Fate of Nitromethane in Ozone-Based Water Reuse Processes. <i>Environmental Science & Technology</i> , 2021 , 55, 6281-6289	10.3	5
14	Microbial community in biofilters for water reuse applications: A critical review. <i>Science of the Total Environment</i> , 2021 , 773, 145655	10.2	5
13	Removal of effluent organic matter with biofiltration for potable reuse: A review and meta-analysis. <i>Water Research</i> , 2021 , 199, 117180	12.5	5
12	Direct Potable Reuse: Are We Ready? A Review of Technological, Economic, and Environmental Considerations. <i>ACS ES&T Engineering</i> ,		0
11	Ozonation of organic compounds in water and wastewater: A critical review.. <i>Water Research</i> , 2022 , 213, 118053	12.5	9
10	Evaluation of preformed monochloramine for bromate control in ozonation for potable reuse.. <i>Water Research</i> , 2022 , 211, 118049	12.5	1
9	A framework to determine the optimum contact time and organic micropollutant removal efficiency of the ozone process applied in the context of Cape Flats Managed Aquifer Recharge Water Reclamation Plant. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102651	6.7	0
8	Cost and Energy Metrics for Municipal Water Reuse. <i>ACS ES&T Engineering</i> , 2022 , 2, 489-507		1

7	Removal of Zwitterionic PFAS by MXenes: Comparisons with Anionic, Nonionic, and PFAS-Specific Resins.. <i>Environmental Science & Technology</i> , 2022 , 56, 6212-6222	10.3	1
6	Out of Thin Air? Catalytic Oxidation of Trace Aqueous Aldehydes with Ambient Dissolved Oxygen. <i>Environmental Science & Technology</i> , 2022 , 56, 8756-8764	10.3	
5	Recent Trends in Ozonation Technology: Theory and Application. 2022 , 117-170		0
4	Semicontinuous and batch ozonation combined with peroxymonosulfate for inactivation of microalgae in ballast water. <i>Science of the Total Environment</i> , 2022 , 847, 157559	10.2	0
3	Biofiltration Process for Treatment of Water and Wastewater.		
2	The role of ammonia oxidizing microorganisms in biofiltration for the removal of trace organic compounds in secondary wastewater effluent.		0
1	Ozone based inactivation and disinfection in the pandemic time and beyond: Taking forward what has been learned and best practice. 2023 , 862, 160711		1