

Jenyuk Lohwacharin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

639
citations

567281

15
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610901

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38
all docs

38
docs citations

38
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	IR microspectroscopic identification of microplastics in municipal wastewater treatment plants. <i>Environmental Science and Pollution Research</i> , 2020, 27, 18557-18564.	5.3	61
2	Effects of microplastic accumulation on floc characteristics and fouling behavior in a membrane bioreactor. <i>Journal of Hazardous Materials</i> , 2021, 411, 124991.	12.4	52
3	Effects of nanoparticles on the ultrafiltration of surface water. <i>Journal of Membrane Science</i> , 2009, 326, 354-362.	8.2	50
4	Hybrid ferrihydrite-MF/UF membrane filtration for the simultaneous removal of dissolved organic matter and phosphate. <i>Water Research</i> , 2014, 65, 177-185.	11.3	39
5	Antibiotic resistant bacteria and genes in shrimp aquaculture water: Identification and removal by ferrate(VI). <i>Journal of Hazardous Materials</i> , 2021, 420, 126572.	12.4	38
6	Release of silver nanoparticles from fabrics during the course of sequential washing. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22810-22818.	5.3	31
7	Analysis of trihalomethane precursor removal from sub-tropical reservoir waters by a magnetic ion exchange resin using a combined method of chloride concentration variation and surrogate organic molecules. <i>Science of the Total Environment</i> , 2016, 539, 165-174.	8.0	30
8	Unravelling capability of municipal wastewater treatment plant in Thailand for microplastics: Effects of seasonality on detection, fate and transport. <i>Journal of Environmental Management</i> , 2022, 302, 113990.	7.8	30
9	Use of carbon black nanoparticles to mitigate membrane fouling in ultrafiltration of river water. <i>Separation and Purification Technology</i> , 2010, 72, 61-69.	7.9	28
10	Simultaneous removal of dissolved organic matter and bromide from drinking water source by anion exchange resins for controlling disinfection by-products. <i>Journal of Environmental Sciences</i> , 2014, 26, 1294-1300.	6.1	24
11	Fouling mitigation in an anaerobic membrane bioreactor via membrane surface modification with tannic acid and copper. <i>Environmental Pollution</i> , 2021, 291, 118205.	7.5	24
12	Bacterial growth during the start-up period of pilot-scale biological activated carbon filters: Effects of residual ozone and chlorine and backwash intervals. <i>Process Biochemistry</i> , 2015, 50, 1640-1647.	3.7	23
13	Analysis of adsorption processes of dissolved organic matter (DOM) on ferrihydrite using surrogate organic compounds. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21867-21876.	5.3	22
14	Controlling disinfection by-products and organic fouling by integrated ferrihydrite microfiltration process for surface water treatment. <i>Separation and Purification Technology</i> , 2017, 176, 184-192.	7.9	17
15	Properties of residual titanium dioxide nanoparticles after extended periods of mixing and settling in synthetic and natural waters. <i>Scientific Reports</i> , 2017, 7, 9943.	3.3	17
16	Large-scale pattern of resistance genes and bacterial community in the tap water along the middle and low reaches of the Yangtze River. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111517.	6.0	17
17	Ultrafiltration of natural organic matter and black carbon: Factors influencing aggregation and membrane fouling. <i>Water Research</i> , 2009, 43, 3076-3085.	11.3	14
18	Carbon black retention in saturated natural soils: Effects of flow conditions, soil surface roughness and soil organic matter. <i>Environmental Pollution</i> , 2015, 205, 131-138.	7.5	13

#	ARTICLE	IF	CITATIONS
19	Adsorptive performance of activated carbon reused from household drinking water filter for hexavalent chromium-contaminated water. <i>Journal of Environmental Management</i> , 2020, 272, 111085.	7.8	12
20	Performance of integrated ferrate-polyaluminum chloride coagulation as a treatment technology for removing freshwater humic substances. <i>Journal of Environmental Management</i> , 2018, 212, 323-331.	7.8	11
21	Development of modified airlift reactor (MALR) for improving oxygen transfer: optimize design and operation condition using "design of experiment" methodology. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1-14.	0.784314	1
22	Climatic and Hydrological Factors Affecting the Assessment of Flood Hazards and Resilience Using Modified UNDRR Indicators: Ayutthaya, Thailand. <i>Water (Switzerland)</i> , 2022, 14, 1603.	2.7	10
23	Removal of DOM and AOC in a full-scale advanced water treatment plant: effects of operational periods of BAC filters. <i>Water Science and Technology: Water Supply</i> , 2014, 14, 165-172.	2.1	9
24	Unravelling capability of two-stage thermophilic anaerobic membrane bioreactors for high organic loading wastewater: Effect of support media addition and irreversible fouling. <i>Bioresource Technology</i> , 2022, 348, 126725.	9.6	9
25	Effect of Ions on Removal of TiO ₂ Nanoparticles by Coagulation and Microfiltration. <i>Environmental Engineering Science</i> , 2018, 35, 420-429.	1.6	7
26	Comparison between ferrihydrite adsorption and full-scale advanced drinking water treatment processes for controlling bacterial regrowth potential. <i>Chemosphere</i> , 2020, 241, 125001.	8.2	6
27	Effects of Chemical Cleaning on the Ageing of Polyvinylidene Fluoride Microfiltration and Ultrafiltration Membranes Fouled with Organic and Inorganic Matter. <i>Membranes</i> , 2022, 12, 280.	3.0	6
28	Ultrafiltration of Humic Acid Solution: Effects of Self-dispersible Carbon Black and Cations. <i>Separation Science and Technology</i> , 2008, 43, 1852-1870.	2.5	5
29	Competitive removal of dissolved organic matter (DOM) and inorganic anions by anion exchange resins (AERs). <i>Water Science and Technology: Water Supply</i> , 2012, 12, 630-636.	2.1	5
30	Flocculation performance of magnetic particles with high-turbidity surface water. <i>Water Science and Technology: Water Supply</i> , 2014, 14, 609-617.	2.1	5
31	Effects of cathode coating materials and operational time on the mercury removal performance of electrokinetic remediation system for marine sediment. <i>Journal of Environmental Management</i> , 2021, 288, 112443.	7.8	5
32	Effects of Suspended Particles in Water on Efficiency of UV Disinfection. <i>Journal of Japan Society on Water Environment</i> , 2017, 40, 59-65.	0.4	3
33	Effects of preadsorption by carbon black on membrane filtration of natural organic matter. <i>Desalination and Water Treatment</i> , 2009, 6, 74-79.	1.0	2
34	Effects of Ferrihydrite-Impregnated Powdered Activated Carbon on Phosphate Removal and Biofouling of Ultrafiltration Membrane. <i>Water (Switzerland)</i> , 2021, 13, 1178.	2.7	2
35	A pilot-scale anaerobic moving-bed biofilm reactor with PVA gel beads as media for the treatment of fish canning industry wastewater. <i>Journal of Water Reuse and Desalination</i> , 2022, 12, 206-222.	2.3	1
36	Removal of precursors of disinfection byproducts by hybrid ferrihydrite adsorption-membrane filtration process. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2016, 72, III_79-III_86.	0.1	0

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37	Improvement of Eluent Used by Size Exclusion Chromatography for Dissolved Organic Matter Analysis. <i>Bunseki Kagaku</i> , 2017, 66, 745-749.	0.2	0
38	REMOVAL OF HALOACETIC ACID PRECURSORS USING METAL OXIDE-COATED FILTER MEDIA. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2017, 73, III_315-III_322.	0.1	0