

Mohamed Ateia

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,543
citations

293460

24
h-index

242451

47
g-index

49
all docs

49
docs citations

49
times ranked

3101
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel fluorescence-based method for rapid quantification of live bacteria in river water and treated wastewater. <i>Environmental Science Advances</i> , 2022, 1, 30-36.	1.0	9
2	Ecological and human health risks of manure-borne steroid estrogens: A 20-year global synthesis study. <i>Journal of Environmental Management</i> , 2022, 301, 113708.	3.8	10
3	Emerging investigator series: microplastic sources, fate, toxicity, detection, and interactions with micropollutants in aquatic ecosystems – a review of reviews. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 172-195.	1.7	22
4	Cyclophane-based two-dimensional polymer formed by an interfacial click reaction. <i>Cell Reports Physical Science</i> , 2022, 3, 100806.	2.8	3
5	A Tunable Porous β -Cyclodextrin Polymer Platform to Understand and Improve Anionic PFAS Removal. <i>ACS Central Science</i> , 2022, 8, 663-669.	5.3	27
6	Regrowth of <i>Escherichia coli</i> in environmental waters after chlorine disinfection: shifts in viability and culturability. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1521-1534.	1.2	5
7	Regrowth of bacteria after light-based disinfection – What we know and where we go from here. <i>Chemosphere</i> , 2021, 268, 128850.	4.2	41
8	Microplastics and Their Degradation Products in Surface Waters: A Missing Piece of the Global Carbon Cycle Puzzle. <i>ACS ES&T Water</i> , 2021, 1, 214-216.	2.3	18
9	Impacts of Reactor Configuration, Degradation Mechanisms, and Water Matrices on Perfluorocarboxylic Acid Treatment Efficiency by the UV/Bi ₃ O(OH)(PO ₄) ₂ Photocatalytic Process. <i>ACS ES&T Engineering</i> , 2021, 1, 239-248.	3.7	33
10	Application of Quantitative Structure–Property Relationship Predictive Models to Water Treatment: A Critical Review. <i>ACS ES&T Water</i> , 2021, 1, 498-517.	2.3	21
11	Formation of Formaldehyde and Other Byproducts by TiO ₂ Photocatalyst Materials. <i>Sustainability</i> , 2021, 13, 4821.	1.6	6
12	Do Gas Nanobubbles Enhance Aqueous Photocatalysis? Experiment and Analysis of Mechanism. <i>Catalysts</i> , 2021, 11, 511.	1.6	10
13	Decorating graphene oxide with zeolitic imidazolate framework (ZIF-8) and pseudo-boehmite offers ultra-high adsorption capacity of diclofenac in hospital effluents. <i>Chemosphere</i> , 2021, 271, 129610.	4.2	105
14	Product analysis and insight into the mechanochemical destruction of anionic PFAS with potassium hydroxide. <i>Journal of Hazardous Materials Advances</i> , 2021, 3, 100014.	1.2	6
15	Removal of bromide from natural waters: Bromide-selective vs. conventional ion exchange resins. <i>Chemosphere</i> , 2020, 238, 124583.	4.2	58
16	Modeling the degradation and disinfection of water pollutants by photocatalysts and composites: A critical review. <i>Science of the Total Environment</i> , 2020, 698, 134197.	3.9	105
17	Periodic mesoporous organosilica nanomaterials for rapid capture of VOCs. <i>Chemical Communications</i> , 2020, 56, 607-610.	2.2	25
18	Best Practices for Evaluating New Materials as Adsorbents for Water Treatment. , 2020, 2, 1532-1544.		47

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19	Easy-to-prepare graphene oxide/sodium montmorillonite polymer nanocomposite with enhanced adsorption performance. <i>Journal of Water Process Engineering</i> , 2020, 38, 101651.	2.6	65
20	Polymerized Molecular Receptors as Adsorbents to Remove Micropollutants from Water. <i>Accounts of Chemical Research</i> , 2020, 53, 2314-2324.	7.6	61
21	Oxidative torrefaction for cleaner utilization of biomass for soil amendment. <i>Cleaner Engineering and Technology</i> , 2020, 1, 100033.	2.1	12
22	Photocatalytic Degradation of Organic Micropollutants in Water by Zr-MOF/GO Composites. <i>Journal of Composites Science</i> , 2020, 4, 54.	1.4	19
23	Microplastics release precursors of chlorinated and brominated disinfection byproducts in water. <i>Chemosphere</i> , 2020, 251, 126452.	4.2	55
24	Photocatalytic Nanofiltration Membrane Using Zr-MOF/GO Nanocomposite with High-Flux and Anti-Fouling Properties. <i>Catalysts</i> , 2020, 10, 711.	1.6	22
25	Activated carbon and organic matter characteristics impact the adsorption of DBP precursors when chlorine is added prior to GAC contactors. <i>Water Research</i> , 2020, 184, 116146.	5.3	24
26	Photocatalytic degradation of organic micropollutants: Inhibition mechanisms by different fractions of natural organic matter. <i>Water Research</i> , 2020, 174, 115643.	5.3	90
27	Cellulose particles capture aldehyde VOC pollutants. <i>RSC Advances</i> , 2020, 10, 7967-7975.	1.7	12
28	Mesoporous activated carbon shows superior adsorption affinity for 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol in water. <i>Npj Clean Water</i> , 2020, 3, .	3.1	5
29	Sorption behavior of real microplastics (MPs): Insights for organic micropollutants adsorption on a large set of well-characterized MPs. <i>Science of the Total Environment</i> , 2020, 720, 137634.	3.9	107
30	Polysulfone-iron acetate/polyamide nanocomposite membrane for oil-water separation. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100314.	1.7	19
31	Cationic polymer for selective removal of GenX and short-chain PFAS from surface waters and wastewaters at ng/L levels. <i>Water Research</i> , 2019, 163, 114874.	5.3	115
32	Disinfection mechanism of <i>E. coli</i> by CNT-TiO ₂ composites: Photocatalytic inactivation vs. physical separation. <i>Chemosphere</i> , 2019, 235, 1041-1049.	4.2	25
33	Novel Magnetic Carbon Nanotube-TiO ₂ Composites for Solar Light Photocatalytic Degradation of Pharmaceuticals in the Presence of Natural Organic Matter. <i>Journal of Water Process Engineering</i> , 2019, 31, 100836.	2.6	58
34	Selective removal of bromide and iodide from natural waters using a novel AgCl-SPAC composite at environmentally relevant conditions. <i>Water Research</i> , 2019, 156, 168-178.	5.3	34
35	Efficient PFAS Removal by Amine-Functionalized Sorbents: Critical Review of the Current Literature. <i>Environmental Science and Technology Letters</i> , 2019, 6, 688-695.	3.9	160
36	The overlooked short- and ultrashort-chain poly- and perfluorinated substances: A review. <i>Chemosphere</i> , 2019, 220, 866-882.	4.2	287

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37	Natural organic matter undergoes different molecular sieving by adsorption on activated carbon and carbon nanotubes. <i>Chemosphere</i> , 2018, 203, 345-352.	4.2	59
38	Ozone-assisted regeneration of magnetic carbon nanotubes for removing organic water pollutants. <i>Chemical Engineering Journal</i> , 2018, 335, 384-391.	6.6	37
39	Rapid Removal of Poly- and Perfluorinated Alkyl Substances by Poly(ethylenimine)-Functionalized Cellulose Microcrystals at Environmentally Relevant Conditions. <i>Environmental Science and Technology Letters</i> , 2018, 5, 764-769.	3.9	99
40	Photodegradation of pharmaceuticals and personal care products in water treatment using carbonaceous-TiO ₂ composites: A critical review of recent literature. <i>Water Research</i> , 2018, 142, 26-45.	5.3	299
41	Rapid Degradation and Mineralization of Perfluorooctanoic Acid by a New Petitjeanite Bi ₃ O(OH)(PO ₄) ₂ Microparticle Ultraviolet Photocatalyst. <i>Environmental Science and Technology Letters</i> , 2018, 5, 533-538.	3.9	109
42	Modeling the Effects of Operational Parameters on Algae Growth. , 2017, , 127-139.		3
43	Elucidating Adsorptive Fractions of Natural Organic Matter on Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2017, 51, 7101-7110.	4.6	92
44	The relationship between molecular composition and fluorescence properties of humic substances. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 867-880.	1.8	21
45	Green and facile approach for enhancing the inherent magnetic properties of carbon nanotubes for water treatment applications. <i>PLoS ONE</i> , 2017, 12, e0180636.	1.1	24
46	Nonlinear Relationship of Near-Bed Velocity and Growth of Riverbed Periphyton. <i>Water (Switzerland)</i> , 2016, 8, 461.	1.2	10
47	Artificial intelligence for greywater treatment using electrocoagulation process. <i>Separation Science and Technology</i> , 2016, 51, 96-105.	1.3	40
48	Organic matter removal from saline agricultural drainage wastewater using a moving bed biofilm reactor. <i>Water Science and Technology</i> , 2015, 72, 1327-1333.	1.2	11
49	Impact of water temperature and structural parameters on the hydraulic labyrinth-channel emitter performance. <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 580.	0.3	18