Mark A Elliott

List of Publications by Year
in descending order

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44 papers	2,202 citations	318942 23 h-index	299063 42 g-index
44 all docs	44 docs citations	44 times ranked	2531 citing authors

#	Article	IF	Citations
1	Functionalized polyamide membranes yield suppression of biofilm and planktonic bacteria while retaining flux and selectivity. Separation and Purification Technology, 2022, 282, 119981.	3.9	8
2	Nanodiamond-decorated thin film composite membranes with antifouling and antibacterial properties. Desalination, 2022, 522, 115436.	4.0	31
3	Chemistry, abundance, detection and treatment of per- and polyfluoroalkyl substances in water: a review. Environmental Chemistry Letters, 2022, 20, 661-679.	8.3	21
4	Every rung countsâ€“A retrospective analysis of global sanitation progress across the service-level ladder under the MDGs. , 2022, 1, e0000002.		1
5	The implications of 3<scp>D</scp>â€printed membranes for water and wastewater treatment and resource recovery. Canadian Journal of Chemical Engineering, 2022, 100, 2309-2321.	0.9	11
6	The anticancer properties of metal-organic frameworks and their heterogeneous nanocomposites. , 2022, 139, 213013.		5
7	Making waves: Right in our backyard- surface discharge of untreated wastewater from homes in the United States. Water Research, 2021, 190, 116647.	5.3	23
8	The Role of Membrane-Based Technologies in Environmental Treatment and Reuse of Produced Water. Frontiers in Environmental Science, 2021, 9, .	1.5	17
9	Agricultural land use changes stream dissolved organic matter via altering soil inputs to streams. Science of the Total Environment, 2021, 796, 148968.	3.9	26
10	Preparation and modification of low-fouling ultrafiltration membranes for cheese whey treatment by membrane bioreactor. Case Studies in Chemical and Environmental Engineering, 2021, 4, 100137.	2.9	16
11	Effective strategy for UV-mediated grafting of biocidal Ag-MOFs on polymeric membranes aimed at enhanced water ultrafiltration. Chemical Engineering Journal, 2021, 426, 130704.	6.6	37
12	Recent advances in functionalized polymer membranes for biofouling control and mitigation in forward osmosis. Journal of Membrane Science, 2020, 596, 117604.	4.1	138
13	Mitigating drought impacts in remote island atolls with traditional water usage behaviors and modern technology. Science of the Total Environment, 2020, 741, 140230.	3.9	12
14	In Situ Ag-MOF Growth on Pre-Grafted Zwitterions Imparts Outstanding Antifouling Properties to Forward Osmosis Membranes. ACS Applied Materials & Interfaces, 2020, 12, 36287-36300.	4.0	90
15	Toward Sustainable Tackling of Biofouling Implications and Improved Performance of TFC FO Membranes Modified by Ag-MOF Nanorods. ACS Applied Materials & Interfaces, 2020, 12, 38285-38298.	4.0	80
16	Improved antifouling and antibacterial properties of forward osmosis membranes through surface modification with zwitterions and silver-based metal organic frameworks. Journal of Membrane Science, 2020, 611, 118352.	4.1	80
17	Tailoring the Biocidal Activity of Novel Silver-Based Metal Azolate Frameworks. ACS Sustainable Chemistry and Engineering, 2020, 8, 7588-7599.	3.2	48
18	Hurricane pulses: Small watershed exports of dissolved nutrients and organic matter during large storms in the Southeastern USA. Science of the Total Environment, 2019, 689, 232-244.	3.9	35

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19	Addressing how multiple household water sources and uses build water resilience and support sustainable development. Npj Clean Water, 2019, 2, .	3.1	51
20	A novel method for sampling the suspended sediment load in the tidal environment using bi-directional time-integrated mass-flux sediment (TIMS) samplers. Estuarine, Coastal and Shelf Science, 2017, 199, 14-24.	0.9	5
21	Temporal and thematic trends in water, sanitation and hygiene (WaSH) research in Pacific Island Countries: a systematic review. Journal of Water Sanitation and Hygiene for Development, 2017, 7, 352-368.	0.7	23
22	Multiple Household Water Sources and Their Use in Remote Communities With Evidence From Pacific Island Countries. Water Resources Research, 2017, 53, 9106-9117.	1.7	60
23	Investigating Multiple Household Water Sources and Uses with a Computer-Assisted Personal Interviewing (CAPI) Survey. Water (Switzerland), 2016, 8, 574.	1.2	13
24	Planning for climate change: The need for mechanistic systems-based approaches to study climate change impacts on diarrheal diseases. Science of the Total Environment, 2016, 548-549, 82-90.	3.9	49
25	Associations between Self-Reported Gastrointestinal Illness and Water System Characteristics in Community Water Supplies in Rural Alabama: A Cross-Sectional Study. PLoS ONE, 2016, 11, e0148102.	1.1	11
26	Putting WASH in the water cycle: climate change, water resources and the future of water, sanitation and hygiene challenges in Pacific Island Countries. Journal of Water Sanitation and Hygiene for Development, 2015, 5, 183-191.	0.7	40
27	Climate Change Preparedness: A Knowledge and Attitudes Study in Southern Nigeria. Environments - MDPI, 2015, 2, 435-448.	1.5	20
28	Investigation of E. coli and Virus Reductions Using Replicate, Bench-Scale Biosand Filter Columns and Two Filter Media. International Journal of Environmental Research and Public Health, 2015, 12, 10276-10299.	1.2	31
29	Temporal Heterogeneity of Water Quality in Rural Alabama Water Supplies. Journal - American Water Works Association, 2015, 107, E401.	0.2	2
30	Sustainability and scale-up of household water treatment and safe storage practices: Enablers and barriers to effective implementation. International Journal of Hygiene and Environmental Health, 2015, 218, 704-713.	2.1	44
31	Climate-Related Hazards: A Method for Global Assessment of Urban and Rural Population Exposure to Cyclones, Droughts, and Floods. International Journal of Environmental Research and Public Health, 2014, 11, 2169-2192.	1.2	37
32	Associations between Perceptions of Drinking Water Service Delivery and Measured Drinking Water Quality in Rural Alabama. International Journal of Environmental Research and Public Health, 2014, 11, 7376-7392.	1.2	30
33	Does Global Progress on Sanitation Really Lag behind Water? An Analysis of Global Progress on Community- and Household-Level Access to Safe Water and Sanitation. PLoS ONE, 2014, 9, e114699.	1.1	38
34	Preventing cryptosporidiosis: the need for safe drinking water. Bulletin of the World Health Organization, 2013, 91, 238-238.	1.5	15
35	Water, sanitation, and hygiene interventions to improve health among people living with HIV/AIDS. Aids, 2013, 27, 2593-2601.	1.0	17
36	Getting wet, clean, and healthy: why households matter. Lancet, The, 2012, 380, 85-86.	6.3	5

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37	Benefits of Water Safety Plans: Microbiology, Compliance, and Public Health. Environmental Science & Technology, 2012, 46, 7782-7789.	4.6	100
38	A Summary Catalogue of Microbial Drinking Water Tests for Low and Medium Resource Settings. International Journal of Environmental Research and Public Health, 2012, 9, 1609-1625.	1.2	72
39	Virus attenuation by microbial mechanisms during the idle time of a household slow sand filter. Water Research, 2011, 45, 4092-4102.	5.3	62
40	Rainwater harvesting practices and attitudes in the Mekong Delta of Vietnam. Journal of Water Sanitation and Hygiene for Development, 2011, 1, 171-177.	0.7	53
41	Ambient-temperature incubation for the field detection ofEscherichia coliin drinking water. Journal of Applied Microbiology, 2011, 110, 915-923.	1.4	21
42	Response to Comment on â€œPoint of Use Household Drinking Water Filtration: A Practical, Effective Solution for Providing Sustained Access to Safe Drinking Water in the Developing Worldâ€• Environmental Science & Technology, 2009, 43, 970-971.	4.6	11
43	Reductions of E. coli, echovirus type 12 and bacteriophages in an intermittently operated household-scale slow sand filter. Water Research, 2008, 42, 2662-2670.	5.3	178
44	Point of Use Household Drinking Water Filtration: A Practical, Effective Solution for Providing Sustained Access to Safe Drinking Water in the Developing World. Environmental Science & Technology, 2008, 42, 4261-4267.	4.6	535