

Mushtaque Ahmed

List of Publications by Year in descending order

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68
papers

2,025
citations

279487

23
h-index

253896

43
g-index

70
all docs

70
docs citations

70
times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar desalination technology to supply water for agricultural applications. , 2022, , 271-311.		4
2	Disaster Risk Management, Ventilated Improved Pit Latrines, and Sanitation Challenges in South Africa. Sustainability, 2022, 14, 6934.	1.6	0
3	Analysis of crops cultivation trend: a shifting scenario in a coastal Wilayat, Oman. Environment, Development and Sustainability, 2020, 22, 2685-2698.	2.7	8
4	Ecological and human health risk assessment. Water Environment Research, 2019, 91, 1072-1079.	1.3	5
5	Preliminary Study on the Potential Use of Fly Ash as a Ventilated Improved Pit Latrine Additive. Journal of Solid Waste Technology and Management, 2019, 45, 395-402.	0.2	2
6	Assessing the presence of pharmaceuticals in soil and plants irrigated with treated wastewater in Oman. International Journal of Recycling of Organic Waste in Agriculture, 2018, 7, 165-172.	2.0	24
7	Ecological and Human Health Risk Assessment. Water Environment Research, 2018, 90, 1777-1791.	1.3	10
8	Antibiotics in wastewaters: a review with focus on Oman. Applied Water Science, 2018, 8, 1.	2.8	47
9	Health Effects Associated with Wastewater Treatment, Reuse and Disposal. Water Environment Research, 2018, 90, 1759-1776.	1.3	9
10	Effects of Pollution on Freshwater Organisms. Water Environment Research, 2018, 90, 1723-1747.	1.3	0
11	Pesticides and Herbicides. Water Environment Research, 2018, 90, 1663-1678.	1.3	12
12	Environmental quality assessment of groundwater resources in Al Jabal Al Akhdar, Sultanate of Oman. Applied Water Science, 2017, 7, 3539-3552.	2.8	9
13	Extended use of grey water for irrigating home gardens in an arid environment. Environmental Science and Pollution Research, 2017, 24, 13650-13658.	2.7	15
14	The effect of municipal sewage sludge on the quality of soil and crops. International Journal of Recycling of Organic Waste in Agriculture, 2017, 6, 289-299.	2.0	29
15	Wastewater and sludge management and research in Oman: An overview. Journal of the Air and Waste Management Association, 2017, 67, 267-278.	0.9	42
16	Effect of reclaimed water irrigation on yield attributes and chemical composition of wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	10
17	Translocation of pharmaceuticals and personal care products (PPCPs) into plant tissues: A review. Emerging Contaminants, 2017, 3, 132-137.	2.2	86
18	Effects of Pollution on Freshwater Organisms. Water Environment Research, 2017, 89, 1676-1703.	1.3	8

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19	Bioenergy from Biofuel Residues and Wastes. Water Environment Research, 2017, 89, 1441-1460.	1.3	2
20	Radioactive Wastes. Water Environment Research, 2017, 89, 1487-1502.	1.3	1
21	Textiles. Water Environment Research, 2017, 89, 1424-1440.	1.3	3
22	Maximum Use of Treated Wastewater in Agriculture. Springer Water, 2017, , 371-382.	0.2	3
23	Treated Municipal Wastes: Are they Contaminating or Enriching the Soil?. , 2016, , .		3
24	Utilization of low quality water of mountain reservoirs: a case study from Al Jabal Al Akhdar, Oman. Journal of Mountain Science, 2016, 13, 1423-1430.	0.8	2
25	Boron removal from seawater using date palm (<i>Phoenix dactylifera</i>) seed ash. Desalination and Water Treatment, 2016, 57, 5130-5137.	1.0	19
26	Integrated environmental assessment to explore water resources management in Al Jabal Al Akhdar, Sultanate of Oman. Regional Environmental Change, 2016, 16, 1345-1361.	1.4	26
27	Simulation-Optimization Approach for Evaluating the Feasibility of Managed Aquifer Recharge in the Samail Lower Catchment, Oman. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	1.3	36
28	Cost evaluation of desalination and sewage treatment based on plants operated in Oman and use of software models. Desalination and Water Treatment, 2016, 57, 8649-8656.	1.0	2
29	Prospects of desalination for irrigation water in the Sultanate of Oman. Journal of Water Reuse and Desalination, 2015, 5, 430-436.	1.2	6
30	Attapulгите as Potential Adsorbent for Dissolved Organic Carbon From Oily Water. Clean - Soil, Air, Water, 2015, 43, 1522-1530.	0.7	4
31	Relative vulnerability of coastal Wilayats to development: a study of Al-Batinah North, Oman. Journal of Coastal Conservation, 2015, 19, 51-57.	0.7	17
32	Removal of Dissolved Organic Carbon from Oily Produced Water by Adsorption onto Date Seeds: Equilibrium, Kinetic, and Thermodynamic Studies. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	13
33	An Overview: Desalination, Environmental and Marine Outfall Systems. , 2015, , 3-10.		3
34	Use of Ceramic Membrane Technology for Sustainable Management of Oil Production Water: A Review. , 2015, , 11-23.		1
35	Vulnerability Assessment of Environmental and Climate Change Impacts on Water Resources in Al Jabal Al Akhdar, Sultanate of Oman. Water (Switzerland), 2014, 6, 3118-3135.	1.2	42
36	Opportunities and Challenges of Using Treated Wastewater in Agriculture. , 2014, , 109-123.		5

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37	Phytoremediation - A sustainable approach for contaminant remediation in arid and semi-arid regions ? a review. Emirates Journal of Food and Agriculture, 2014, 26, 757.	1.0	28
38	Managed aquifer recharge using quaternary-treated wastewater: an economic perspective. International Journal of Water Resources Development, 2014, 30, 246-261.	1.2	25
39	A SIMPLE TECHNIQUE TO IMPROVE THE EFFICIENCY OF FURROW IRRIGATION SYSTEM. Acta Horticulturae, 2014, , 103-110.	0.1	1
40	Conjunctive use of reclaimed water and groundwater in crop rotations. Agricultural Water Management, 2013, 116, 228-234.	2.4	33
41	Climate change, vulnerability and adaptation experiences of farmers in Al-Suwayq Wilayat, Sultanate of Oman. International Journal of Climate Change Strategies and Management, 2013, 5, 445-454.	1.5	27
42	Management of Saline Lands in Oman: Learning to Live with Salinity. , 2013, , 265-281.		5
43	The impact of heat and water stress conditions on the growth of the biofuel plant Jatropha curcas. International Journal of Environmental Studies, 2012, 69, 273-288.	0.7	21
44	Climate change in Oman: current knowledge and way forward. Education, Business and Society: Contemporary Middle Eastern Issues, 2012, 5, 228-236.	0.6	20
45	Superiority of date seed ash as an adsorbent over other ashes and ferric chloride in removing boron from seawater. Desalination and Water Treatment, 2011, 32, 324-328.	1.0	9
46	A short communication on growing Jatropha in Oman. International Journal of Environmental Studies, 2011, 68, 25-29.	0.7	1
47	Assessment of reclaimed water irrigation on growth, yield, and water-use efficiency of forage crops. Applied Water Science, 2011, 1, 57-65.	2.8	28
48	Effects of Treated Wastewater Irrigation on Element Concentrations in Soil and Maize Plants. Communications in Soil Science and Plant Analysis, 2011, 42, 2046-2063.	0.6	7
49	Effect of salinity on pythium damping-off of cucumber and on the tolerance of Pythium aphanidermatum. Plant Pathology, 2010, 59, 112-120.	1.2	43
50	Response of Different Tomato Cultivars to Diluted Seawater Salinity. Asian Journal of Crop Science, 2009, 1, 77-86.	0.2	15
51	Biological treatment of greywater using sequencing batch reactor technology. International Journal of Environmental Studies, 2008, 65, 71-85.	0.7	9
52	Evaluation of custom-made and commercial greywater treatment systems: a case study from Oman. International Journal of Environmental Studies, 2008, 65, 33-40.	0.7	8
53	Freezing melting process and desalination: review of present status and future prospects. International Journal of Nuclear Desalination, 2007, 2, 253.	0.2	45
54	Land disposal of treated saline oil production water: impacts on soil properties. Desalination, 2007, 212, 54-61.	4.0	11

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55	Design, construction and evaluation of an ablution water treatment unit in Oman: a case study. International Journal of Environmental Studies, 2006, 63, 283-292.	0.7	25
56	Freezing&Melting Process and Desalination: I. Review of the State&of&the&Art. Separation and Purification Reviews, 2006, 35, 59-96.	2.8	90
57	Overcoming constraints in treated greywater reuse in Oman. Desalination, 2005, 186, 177-186.	4.0	77
58	Impact of Treated Wastewater from Oil Extraction Process on Soil Physical Properties. Communications in Soil Science and Plant Analysis, 2004, 35, 751-758.	0.6	8
59	Feasibility of salt production from inland RO desalination plant reject brine: A case study. Desalination, 2003, 158, 109-117.	4.0	121
60	Brine Disposal from Inland Desalination Plants. Water International, 2002, 27, 194-201.	0.4	26
61	Integrated power, water and salt generation: a discussion paper. Desalination, 2001, 134, 37-45.	4.0	38
62	Brine disposal from reverse osmosis desalination plants in Oman and the United Arab Emirates. Desalination, 2001, 133, 135-147.	4.0	172
63	Sampling soil water in sandy soils: comparative analysis of some common methods. Communications in Soil Science and Plant Analysis, 2001, 32, 1677-1686.	0.6	4
64	Use of evaporation ponds for brine disposal in desalination plants. Desalination, 2000, 130, 155-168.	4.0	180
65	Simple Field Method for Determining Unsaturated Hydraulic Conductivity. Soil Science Society of America Journal, 1991, 55, 467.	1.2	393
66	Measurement of Field-Saturated Hydraulic Conductivity by Using Guelph and Velocity Permeameters. Transactions of the American Society of Agricultural Engineers, 1990, 32, 1885.	0.9	36
67	Comparative analysis of economic and institutional aspects of desalination for agriculture in the Sultanate of Oman and Spain. , 0, 156, 1-6.		9
68	Improving water use efficiency of crops for sustainable agriculture in dry lands. , 0, 176, 182-189.		0