Monzur A Imteaz

List of Publications by Year
in descending order

177 papers	3,950 citations	136950 32 h-index	149698 56 g-index
180 all docs	180 docs citations	180 times ranked	3123 citing authors

#	Article	IF	Citations
1	Synthesis of non-active electrode (TiO2/GO/Ag) for the photo-electro-Fenton oxidation of micropollutants in wastewater. International Journal of Environmental Science and Technology, 2023, 20, 639-652.	3.5	5
2	A mathematical modelling framework for quantifying production of biofuel from waste banana. Environment, Development and Sustainability, 2022, 24, 2010-2021.	5.0	4
3	Comparison of estimation techniques for generalised extreme value (GEV) distribution parameters: a case study with Tasmanian rainfall. International Journal of Environmental Science and Technology, 2022, 19, 7737-7750.	3.5	4
4	Evaluating the effectiveness of the Water Resources Master Plan in Campinas, Brazil. Water Policy, 2022, 24, 626-644.	1.5	2
5	Superiority of water balance modelling for rainwater harvesting analysis and its application in deriving generalised equation for optimum tank size. Journal of Cleaner Production, 2022, 342, 130991.	9.3	14
6	Modelling Metribuzin Removal Efficiency Through Adsorption Using Activated Carbon of Olive-waste Cake. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	1
7	Water Quality Improvement through Rainwater Tanks: A Review and Simulation Study. Water (Switzerland), 2022, 14, 1411.	2.7	6
8	Improvement of Rainwater Harvesting Analysis Through an Hourly Timestep Model in Comparison with a Daily Timestep Model. Water Resources Management, 2022, 36, 2611-2622.	3.9	3
9	Pioneer attempt of incorporating four variables in generalised equations for predicting water savings through rainwater tanks. Urban Water Journal, 2022, 19, 714-731.	2.1	4
10	A Novel Hybrid Approach for Predicting Western Australia's Seasonal Rainfall Variability. Water Resources Management, 2022, 36, 3649-3672.	3.9	3
11	Modified bio-electrocoagulation system to treat the municipal wastewater for irrigation purposes. Chemosphere, 2022, 307, 135746.	8.2	3
12	A novel 'pressure index' for predicting number of pipe bursts in water distribution system. Water Management, 2021, 174, 278-290.	1.2	2
13	A wavelet artificial neural network method for medium-term rainfall prediction in Queensland (Australia) and the comparisons with conventional methods. International Journal of Climatology, 2021, 41, E1396.	3.5	14
14	Application of M5 model tree optimized with Excel Solver Platform for water quality parameter estimation. Environmental Science and Pollution Research, 2021, 28, 7347-7364.	5.3	14
15	Batch experiments on arsenic removal efficiencies through adsorption using synthetic and natural sand samples. International Journal of Environmental Science and Technology, 2021, 18, 2357-2364.	3.5	10
16	Removal of heavy metals from contaminated foundry sand through repeated soil-washing. International Journal of Sustainable Engineering, 2021, 14, 39-45.	3.5	4
17	Water footprint: applying the water footprint assessment method to Australian agriculture. Journal of the Science of Food and Agriculture, 2021, 101, 4090-4098.	3.5	19
18	Study of Various Techniques for Estimating the Generalised Extreme Value Distribution Parameters. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012065.	0.6	2

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19	The effectiveness of ARIMAX model for prediction of summer rainfall in northwest Western Australia. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012037.	0.6	0
20	Application of wavelet artificial neural networks in forecasting seasonal rainfall time series in Queensland, Australia. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012038.	0.6	0
21	Climate change impacts on potential water savings through household rainwater tanks in Adelaide (Australia). IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012039.	0.6	0
22	The development of a generalised equation for the annual water savings through rainwater tanks under different climatic conditions for southwest Brisbane (Australia). IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012042.	0.6	0
23	Monthly rainfall forecasting using temperature and climate indices through a hybrid method in Queensland, Australia. Journal of Hydrometeorology, 2021, , .	1.9	6
24	Effects of estimation techniques on generalised extreme value distribution (GEVD) parameters and their spatio-temporal variations. Stochastic Environmental Research and Risk Assessment, 2021, 35, 2303-2312.	4.0	9
25	Developing Generalised Equation for the Calculation of PayBack Period for Rainwater Harvesting Systems. Sustainability, 2021, 13, 4266.	3.2	9
26	Environmental suitability, carbon footprint and cost savings of recycled plastic for railway applications. International Journal of Sustainable Engineering, 2021, 14, 725-734.	3.5	6
27	Mathematical Modelling for Predicting Methylene Blue Removal Efficiency Through Adsorption Using Activated Carbon of Parthenium hysterophorus. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	4
28	Climate Change Impacts on Inflows into Lake Eppalock Reservoir from Upper Campaspe Catchment. Hydrology, 2021, 8, 108.	3.0	2
29	Impacts of climate change on weather and spatial variabilities of potential water savings from rainwater tanks. Journal of Cleaner Production, 2021, 311, 127491.	9.3	12
30	Assessment of extreme climatic event model parameters estimation techniques: a case study using Tasmanian extreme rainfall. Environmental Earth Sciences, 2021, 80, 1.	2.7	3
31	Synthesis of a novel SnO2/graphene-like carbon/TiO2 electrodes for the degradation of recalcitrant emergent pharmaceutical pollutants in a photo-electrocatalytic system. Journal of Cleaner Production, 2021, 313, 127915.	9.3	32
32	SwinOSD: a computer tool for designing onsite detention basin. International Journal of Hydrology Science and Technology, 2021, 11, 269.	0.3	0
33	Experimental Studies on Arsenic Removal Efficiencies Through Adsorption Using Different Natural Adsorbents. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	8
34	Rainwater Harvesting Potentials in Commercial Buildings in Dhaka: Reliability and Economic Analysis. Hydrology, 2021, 8, 9.	3.0	17
35	Application of long short-term memory neural network technique for predicting monthly pan evaporation. Scientific Reports, 2021, 11, 20742.	3.3	21
36	Prediction of Seasonal Rainfall with One-year Lead Time Using Climate Indices: A Wavelet Neural Network Scheme. Water Resources Management, 2021, 35, 5347-5365.	3.9	9

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37	Generalised Equation for the Effect of pH on Arsenic Removal Efficiency Using Natural Adsorbents. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	0
38	Potential Factors That Trigger the Suspension of Calcium Carbonate Sediments and Whiting in a Semi-Enclosed Gulf. Remote Sensing, 2021, 13, 4795.	4.0	4
39	Long-term seasonal rainfall forecasting using linear and non-linear modelling approaches: a case study for Western Australia. Meteorology and Atmospheric Physics, 2020, 132, 131-141.	2.0	44
40	Environmental and geotechnical suitability of recycling waste materials from plasterboard manufacturing. Waste Management and Research, 2020, 38, 383-391.	3.9	3
41	Assessing climate changes impacts on tropical karst catchment: Implications on groundwater resource sustainability and management strategies. Journal of Hydrology, 2020, 582, 124426.	5.4	24
42	Recent advances on palm oil mill effluent (POME) pretreatment and anaerobic reactor for sustainable biogas production. Renewable and Sustainable Energy Reviews, 2020, 119, 109603.	16.4	85
43	Potential impacts of climate change on future rainwater tank outcomes: A case study for Sydney. Journal of Cleaner Production, 2020, 273, 123095.	9.3	18
44	Mathematical Modelling for Predicting Pollutant Removal Efficiencies of an Electrolysis System. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	4
45	Pioneer use of gene expression programming for predicting seasonal streamflow in Australia using large scale climate drivers. Ecohydrology, 2020, 13, e2242.	2.4	7
46	Pollutant treatment efficiencies through rainwater tank, recycled foamed glass and geofabrics. International Journal of Sustainable Engineering, 2020, , 1-7.	3.5	1
47	Synthesis of Graphene-Based Biopolymer TiO2 Electrodes Using Pyrolytic Direct Deposition Method and its Catalytic Performance. Catalysts, 2020, 10, 1050.	3.5	3
48	Use of Teleconnections to Predict Western Australian Seasonal Rainfall Using ARIMAX Model. Hydrology, 2020, 7, 52.	3.0	12
49	Improved clogging and backwashing model for filtration of arsenic-contaminated water. Water Management, 2020, 173, 265-270.	1.2	1
50	The effect of climate change on domestic Rainwater Harvesting. Science of the Total Environment, 2020, 729, 138967.	8.0	21
51	Parametric optimization and MCR-ALS kinetic modeling of electro oxidation process for the treatment of textile wastewater. Chemometrics and Intelligent Laboratory Systems, 2020, 203, 104027.	3.5	14
52	Artificial neural network modelling technique in predicting Western Australian seasonal rainfall. International Journal of Water, 2020, 14, 14.	0.1	5
53	Artificial neural network modelling technique in predicting Western Australian seasonal rainfall. International Journal of Water, 2020, 14, 14.	0.1	0
54	Assessing the predictability of MLR models for long-term streamflow using lagged climate indices as predictors: a case study of NSW (Australia). Hydrology Research, 2019, 50, 262-281.	2.7	15

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55	Environmental and economic viability of Alkali Activated Material (AAM) comprising slag, fly ash and spent coffee ground. International Journal of Sustainable Engineering, 2019, 12, 223-232.	3.5	26
56	Coping with climate change in a tropical karst island: Assessment of groundwater resources under HadCM3-GCM scenarios and proposed adaptive strategies. IOP Conference Series: Earth and Environmental Science, 2019, 239, 012001.	0.3	3
57	Modifications of a simple clogging and back-washing efficiency model for arsenic filters. Water Management, 2019, 172, 284-290.	1.2	4
58	Parameterisation of physical models to configure subsurface characteristics of groundwater basins. Groundwater for Sustainable Development, 2019, 9, 100255.	4.6	4
59	Spatio-temporal analysis of urban growth and its impact on floods in Ajman City, UAE. Environmental Monitoring and Assessment, 2019, 191, 656.	2.7	7
60	Detection of flood influence criteria in ungauged basins on a combined Delphi-AHP approach. Operations Research Perspectives, 2019, 6, 100116.	2.1	17
61	Impact of climate change on future water savings of rainwater tank in Adelaide, Australia. , 2019, , .		1
62	A hybrid wavelet neural network (HWNN) for forecasting rainfall using temperature and climate indices. IOP Conference Series: Earth and Environmental Science, 2019, 351, 012003.	0.3	6
63	Application and Future Prospects of Reverse Osmosis Process. , 2019, , 297-301.		2
64	Nanofiltration Membrane Technology Providing Quality Drinking Water. , 2019, , 291-295.		6
65	Development of prediction model for forecasting rainfall in Western Australia using lagged climate indices. International Journal of Water, 2019, 13, 248.	0.1	1
66	Spatial variability of reasonable government rebates for rainwater tank installations: A case study for Sydney. Resources, Conservation and Recycling, 2018, 133, 112-119.	10.8	36
67	Long-term seasonal rainfall forecasting: efficiency of linear modelling technique. Environmental Earth Sciences, 2018, 77, 1.	2.7	30
68	Solar panels: Real efficiencies, potential productions and payback periods for major Australian cities. Sustainable Energy Technologies and Assessments, 2018, 25, 119-125.	2.7	25
69	Derivation of Design Rainfall and Disaggregation Process of Areas with Limited Data and Extreme Climatic Variability. International Journal of Environmental Research, 2018, 12, 147-166.	2.3	3
70	Reliability and economic analysis of urban rainwater harvesting: A comparative study within six major cities of Bangladesh. Resources, Conservation and Recycling, 2018, 133, 146-154.	10.8	98
71	Recycled concrete aggregate/municipal glass blends as a low-carbon resource material for footpaths. Road Materials and Pavement Design, 2018, 19, 727-740.	4.0	21
72	An Attempt to Use Non-Linear Regression Modelling Technique in Long-Term Seasonal Rainfall Forecasting for Australian Capital Territory. Geosciences (Switzerland), 2018, 8, 282.	2.2	22

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73	Evaluation of the Effects of Surface Slope in Discretization of Groundwater Models. IOP Conference Series: Earth and Environmental Science, 2018, 151, 012012.	0.3	4
74	Simulating future climate projection under HadCM3 GCM scenarios on a tropical karst island using SDSM: A case study of tropical karst catchment in Rote Island, Indonesia. IOP Conference Series: Earth and Environmental Science, 2018, 200, 012018.	0.3	2
75	Equations for potential water savings through rainwater harvesting for different climatic conditions in Adelaide (Australia). International Journal of Hydrology Science and Technology, 2018, 8, 91.	0.3	5
76	Mapping Groundwater Vulnerability Zones in Eogenetic Karst Catchment Using Particle-tracking Method. IOP Conference Series: Earth and Environmental Science, 2018, 159, 012011.	0.3	3
77	Variability of cool seasonal rainfall associated with Indo-Pacific climate modes: case study of Victoria, Australia. Journal of Water and Climate Change, 2018, 9, 584-597.	2.9	1
78	Effects of Land Cover Change on Urban Floods and Rainwater Harvesting: A Case Study in Sharjah, UAE. Water (Switzerland), 2018, 10, 631.	2.7	49
79	Environmental Suitability and Carbon Footprint Savings of Recycled Tyre Crumbs for Road Applications. International Journal of Environmental Research, 2018, 12, 693-702.	2.3	9
80	Numerical Groundwater Modeling of an Eogenetic Karst Catchment Using Analytical Head-Guided Zonation Method: A New Analytical Approach. IOP Conference Series: Earth and Environmental Science, 2018, 164, 012030.	0.3	2
81	Equations for potential water savings through rainwater harvesting for different climatic conditions in Adelaide (Australia). International Journal of Hydrology Science and Technology, 2018, 8, 91.	0.3	1
82	Investigation of non-stationarity of extreme rainfalls and spatial variability of rainfall intensity-frequency-duration relationships: a case study of Victoria, Australia. International Journal of Climatology, 2017, 37, 430-442.	3.5	40
83	Estimation and calibration of Manning's roughness coefficients for ungauged watersheds on coastal floodplains. International Journal of River Basin Management, 2017, 15, 199-206.	2.7	20
84	GIS-based FRASTIC model for pollution vulnerability assessment of fractured-rock aquifer systems. Environmental Earth Sciences, 2017, 76, 1.	2.7	15
85	Investigating the impact of the properties of pilot points on calibration of groundwater models: case study of a karst catchment in Rote Island, Indonesia. Hydrogeology Journal, 2017, 25, 1703-1719.	2.1	15
86	Development of groundwater vulnerability zones in a data-scarce eogenetic karst area using Head-Guided Zonation and particle-tracking simulation methods. Water Research, 2017, 122, 17-26.	11.3	24
87	Assessment of spatial relationship between groundwater pollution vulnerability and quality indices in Kano, Nigeria. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	5
88	Evaluating the impact of grid cell properties in spatial discretization of groundwater model for a tropical karst catchment in Rote Island, Indonesia. Hydrology Research, 2017, 48, 1757-1772.	2.7	10
89	Generalized equations, climatic and spatial variabilities of potential rainwater savings: A case study for Sydney. Resources, Conservation and Recycling, 2017, 125, 139-156.	10.8	34
90	Environmental benefits and recycling options for wood chips from furniture industries. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2017, 170, 85-91.	0.8	2

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91	Recycled waste foundry sand as a sustainable subgrade fill and pipe-bedding construction material: Engineering and environmental evaluation. Sustainable Cities and Society, 2017, 28, 343-349.	10.4	62
92	eTank and contemporary online tools for rainwater tank outcomes analysis. International Journal of Computer Aided Engineering and Technology, 2017, 9, 372.	0.2	15
93	Climate change fingerprints in lower Euphrates basin: climate and flow data trend analysis. International Journal of Water, 2017, 11, 279.	0.1	1
94	Climatic and spatial variabilities of potential rainwater savings and economic benefits for Kathmandu Valley. International Journal of Hydrology Science and Technology, 2017, 7, 213.	0.3	7
95	Rainwater tank analysis tools, climatic and spatial variability: a case study for Sydney. International Journal of Water, 2017, 11, 251.	0.1	3
96	On the development of a new methodology in sub-surface parameterisation on the calibration of groundwater models. IOP Conference Series: Earth and Environmental Science, 2017, 92, 012026.	0.3	3
97	Potential impact of global warming on whiting in a semi-enclosed gulf. International Journal of Global Warming, 2017, 13, 411.	0.5	4
98	Novel approaches in sub-surface parameterisation to calibrate groundwater models. IOP Conference Series: Earth and Environmental Science, 2017, 82, 012014.	0.3	4
99	Assessing the impact of grid cell properties in spatial discretization of groundwater model. IOP Conference Series: Earth and Environmental Science, 2017, 109, 012037.	0.3	3
100	Multiple regression modelling approach for rainfall prediction using large-scale climate indices as potential predictors. International Journal of Water, 2017, 11, 209.	0.1	6
101	Rainwater tank analysis tools, climatic and spatial variability: a case study for Sydney. International Journal of Water, 2017, 11, 251.	0.1	0
102	Multiple regression modelling approach for rainfall prediction using large-scale climate indices as potential predictors. International Journal of Water, 2017, 11, 209.	0.1	3
103	Climate change fingerprints in lower Euphrates basin: climate and flow data trend analysis. International Journal of Water, 2017, 11, 279.	0.1	0
104	Climatic and spatial variabilities of potential rainwater savings and economic benefits for Kathmandu Valley. International Journal of Hydrology Science and Technology, 2017, 7, 213.	0.3	1
105	Generalised equations for rainwater tank outcomes under different climate conditions: a case study for Adelaide. International Journal of Water, 2016, 10, 301.	0.1	8
106	Sensitivity analysis on the pollutant trapping efficiencies of a novel sewerage overflow screening device. Journal of Hydroinformatics, 2016, 18, 1007-1018.	2.4	0
107	Seasonal rainfall forecasting by adaptive network-based fuzzy inference system (ANFIS) using large scale climate signals. Climate Dynamics, 2016, 46, 3097-3111.	3.8	91
108	Fractured rock aquifer delineation and assessment using spatial analysis in Kano, Nigeria. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	1

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109	Suitability of reclaimed asphalt pavement and recycled crushed brick as filter media in bioretention applications. International Journal of Environment and Sustainable Development, 2016, 15, 32.	0.3	7
110	Generalized Equations for Potential Water Savings from Rainwater Tanks in Adelaide under Different Climates. MATEC Web of Conferences, 2016, 54, 04004.	0.2	0
111	Using a new pressure index for water distribution systems upgradation improvement evaluation. Water Science and Technology: Water Supply, 2016, 16, 1339-1348.	2.1	1
112	Climatic and spatial variations of potential rainwater savings for Melbourne (Australia). International Journal of Hydrology Science and Technology, 2016, 6, 45.	0.3	12
113	Numerical model for the transport and degradation of pollutants through wetlands. International Journal of Water, 2016, 10, 1.	0.1	3
114	A simple clogging and backwashing efficiency model for filtration of arsenic-contaminated water. Desalination and Water Treatment, 2016, 57, 12237-12243.	1.0	7
115	Comparison of future intensity duration frequency curve by considering the impact of climate change: case study for Kuching city. International Journal of River Basin Management, 2016, 14, 47-55.	2.7	14
116	Advances in Landscape Runoff Water Quality Modelling: A Review. Springer Geography, 2016, , 225-257.	0.4	0
117	Generalised equations for rainwater tank outcomes under different climate conditions: a case study for Adelaide. International Journal of Water, 2016, 10, 301.	0.1	0
118	Development and performance testing of 'Comb Separator', a novel sewer overflow screening device. International Journal of Environment and Waste Management, 2015, 16, 248.	0.3	1
119	Experimental and mathematical modelling study on clogging behaviour of bioretention systems. International Journal of Hydrology Science and Technology, 2015, 5, 71.	0.3	3
120	Continuous simulations of nutrients and BOD through a stream section. International Journal of Water, 2015, 9, 144.	0.1	3
121	MUSIC for cost optimisation of stormwater treatment systems. International Journal of Water, 2015, 9, 302.	0.1	5
122	STORMKIT: a decision support tool for stormwater system analysis and design. International Journal of Computer Aided Engineering and Technology, 2015, 7, 305.	0.2	1
123	Economic Analysis of a Rainwater Harvesting System in a Commercial Building. Water Resources Management, 2015, 29, 3971-3986.	3.9	71
124	Engineering and environmental properties of foamed recycled glass as a lightweight engineering material. Journal of Cleaner Production, 2015, 94, 369-375.	9.3	80
125	Engineering and Environmental Assessment of Recycled Construction and Demolition Materials Used with Geotextile for Permeable Pavements. Journal of Environmental Engineering, ASCE, 2015, 141, .	1.4	36
126	Climatic and spatial variability of potential rainwater savings for a large coastal city. Resources, Conservation and Recycling, 2015, 105, 143-147.	10.8	33

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127	Reliability and economic analysis of urban rainwater harvesting in a megacity in Bangladesh. Resources, Conservation and Recycling, 2015, 104, 61-67.	10.8	72
128	Recycled construction and demolition materials in permeable pavement systems: geotechnical and hydraulic characteristics. Journal of Cleaner Production, 2015, 90, 183-194.	9.3	115
129	Accomplishment and subjectivity of GIS-based DRASTIC groundwater vulnerability assessment method: a review. Environmental Earth Sciences, 2015, 73, 3063-3076.	2.7	66
130	Performance of GACC and GACP to treat institutional wastewater: A sustainable technique. Membrane Water Treatment, 2015, 6, 339-349.	0.5	5
131	Effect of Geogrids on Interface Shear Strength Properties of Recycled Crushed Brick. , 2014, , .		0
132	Optimise inlet condition and design parameters of a new sewer overflow screening device using numerical model. Water Science and Technology, 2014, 70, 1880-1887.	2.5	1
133	Estimation of build-up and wash-off models parameters for an east-Australian catchment. International Journal of Water, 2014, 8, 48.	0.1	7
134	Parameters affecting the performance of a low cost solar still. Applied Energy, 2014, 114, 924-930.	10.1	151
135	Evaluation of Interface Shear Strength Properties of Geogrid-Reinforced Construction and Demolition Materials Using a Modified Large-Scale Direct Shear Testing Apparatus. Journal of Materials in Civil Engineering, 2014, 26, 974-982.	2.9	97
136	Suitability of recycled construction and demolition aggregates as alternative pipe backfilling materials. Journal of Cleaner Production, 2014, 66, 75-84.	9.3	157
137	Resilient Modulus and Permanent Deformation Responses of Geogrid-Reinforced Construction and Demolition Materials. Journal of Materials in Civil Engineering, 2014, 26, 512-519.	2.9	77
138	Sustainable reuse potential of municipal sewage sludge in south-east Australia. International Journal of Environment and Waste Management, 2014, 14, 311.	0.3	0
139	Impacts of climatic variability on rainwater tank outcomes for an inland city, Canberra. International Journal of Hydrology Science and Technology, 2014, 4, 177.	0.3	24
140	Climate change and water resources in Turkey: a review. International Journal of Water, 2014, 8, 299.	0.1	7
141	Evaluating the Effect of Single and Combined Climate Modes on Rainfall Predictability. Lecture Notes in Electrical Engineering, 2014, , 571-581.	0.4	1
142	A study on selection of probability distributions for at-site flood frequency analysis in Australia. Natural Hazards, 2013, 69, 1803-1813.	3.4	105
143	Rainwater storage tank sizing: Case study of a commercial building. International Journal of Sustainable Built Environment, 2013, 2, 109-118.	3.2	50
144	Reliability analysis of rainwater tanks using daily water balance model: Variations within a large city. Resources, Conservation and Recycling, 2013, 77, 37-43.	10.8	64

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145	Numerical models of solar distillation device: Present and previous. Desalination, 2013, 311, 173-181.	8.2	26
146	Multiple regression and Artificial Neural Network for long-term rainfall forecasting using large scale climate modes. Journal of Hydrology, 2013, 503, 11-21.	5.4	228
147	Modelling stormwater treatment systems using MUSIC: Accuracy. Resources, Conservation and Recycling, 2013, 71, 15-21.	10.8	39
148	Applicability of artificial neural network in hydraulic experiments using a new sewer overflow screening device. Australian Journal of Water Resources, 2013, 17, .	2.7	7
149	Continuous simulation of suspended sediment through a stream section. International Journal of Water, 2013, 7, 206.	0.1	7
150	Interface Shear Strength Testing of Geogrid-Reinforced Construction and Demolition Materials. Advances in Civil Engineering Materials, 2013, 2, 189-200.	0.6	23
151	Forecasting Victorian spring rainfall using ENSO and IOD: A comparison of linear multiple regression and nonlinear ANN. , 2012, , .		10
152	Accuracy of HEC-HMS and LBRM Models in Simulating Snow Runoffs in Upper Euphrates Basin. Journal of Hydrologic Engineering - ASCE, 2012, 17, 342-347.	1.9	31
153	Possible environmental impacts of recycled glass used as a pavement base material. Waste Management and Research, 2012, 30, 917-921.	3.9	62
154	Application of a catchment water quality model for an East-Australian catchment. International Journal of Global Environmental Issues, 2012, 12, 242.	0.1	15
155	Reliability analysis of rainwater tanks: A comparison between South-East and Central Melbourne. Resources, Conservation and Recycling, 2012, 66, 1-7.	10.8	51
156	Design, fabrication and performance analysis of an improved solar still. Desalination, 2012, 292, 105-112.	8.2	110
157	Rainwater harvesting in Greater Sydney: Water savings, reliability and economic benefits. Resources, Conservation and Recycling, 2012, 61, 16-21.	10.8	184
158	Rainwater harvesting potential for southwest Nigeria using daily water balance model. Resources, Conservation and Recycling, 2012, 62, 51-55.	10.8	98
159	Select chemical and engineering properties of wastewater biosolids. Waste Management, 2011, 31, 2522-2526.	7.4	55
160	Catchment flow estimation using Artificial Neural Networks in the mountainous Euphrates Basin. Journal of Hydrology, 2011, 410, 134-140.	5.4	46
161	Reliability analysis of rainwater tanks in Melbourne using daily water balance model. Resources, Conservation and Recycling, 2011, 56, 80-86.	10.8	87
162	Development of a mathematical model for the quantification of fog-collection. Resources, Conservation and Recycling, 2011, 57, 10-14.	10.8	12

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163	Extended Analytical Turbulent Diffusion Model for Particle Dispersion and Deposition in a Horizontal Pipe: Comparison with CFD Simulation. Environmental Modeling and Assessment, 2011, 16, 295-311.	2.2	3
164	CFD Investigation of Particle Deposition in a Horizontal Looped Turbulent Pipe Flow. Environmental Modeling and Assessment, 2011, 16, 359-367.	2.2	9
165	Optimisation of rainwater tank design from large roofs: A case study in Melbourne, Australia. Resources, Conservation and Recycling, 2011, 55, 1022-1029.	10.8	142
166	Impact of climate change on runoff in the upper part of the Euphrates basin. Hydrological Sciences Journal, 2011, 56, 1265-1279.	2.6	24
167	CFD Investigation of Turbidity Spikes for Different Velocity and Particle load Profiles in a Horizontal Pipe. Australian Journal of Water Resources, 2010, 14, 63-73.	2.7	2
168	Modified Ammonia Removal Model Based on Equilibrium and Mass Transfer Principles. Bulletin of the Korean Chemical Society, 2010, 31, 1920-1926.	1.9	1
169	Modelling multi-species algal bloom in a lake and inter-algal competitions. Water Science and Technology, 2009, 60, 2599-2611.	2.5	18
170	FIRSTâ€ORDER HYDROTHERMAL OXIDATION KINETICS OF DIGESTED SLUDGE COMPARED WITH RAW SLUDGE. Environmental Technology (United Kingdom), 2008, 29, 1009-1020.	2.2	6
171	Modelling the Effects of Inflow Parameters on Lake Water Quality. Environmental Modeling and Assessment, 2003, 8, 63-70.	2.2	29
172	Artificial mixing of lake water by bubble plume and effects of bubbling operations on algal bloom. Water Research, 2000, 34, 1919-1929.	11.3	52
173	Modelling of Individual Species of Phytoplankton in a Lake under Artificial Destratification. Proceedings of Hydraulic Engineering, 1997, 41, 409-414.	0.0	1
174	Greywater reuse experience in Sharjah, United Arab Emirates: feasibility, challenges and opportunities. , 0, 179, 211-222.		8
175	Evaluation of the tabulated, NEH4, least squares and asymptotic fitting methods for the CN estimation of urban watersheds. Urban Water Journal, 0, , 1-12.	2.1	4
176	Adsorption of hexavalent chromium using activated carbon prepared from garden wastes. , 0, 164, 293-299.		3
177	Data-driven modelling of bioethanol fuel production from rambutan fruit waste. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 0, , 1-21.	0.8	2