

Bithin Datta

List of Publications by Year in descending order

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130
papers

3,920
citations

94381

37
h-index

138417

58
g-index

130
all docs

130
docs citations

130
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective management of saltwater intrusion in coastal aquifers using genetic programming and modular neural network based surrogate models. <i>Journal of Hydrology</i> , 2010, 393, 245-256.	2.3	164
2	Optimal Monitoring Network and Ground-Water "Pollution Source Identification. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1997, 123, 199-207.	1.3	154
3	Optimal Identification of Ground-Water Pollution Sources and Parameter Estimation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2001, 127, 20-29.	1.3	150
4	Identification of Groundwater Pollution Sources Using GA-based Linked Simulation Optimization Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2006, 11, 101-109.	0.8	141
5	Identification of Unknown Groundwater Pollution Sources Using Artificial Neural Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 506-514.	1.3	137
6	Saltwater Intrusion Management of Coastal Aquifers. I: Linked Simulation-Optimization. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 1263-1272.	0.8	133
7	Optimal Management of Coastal Aquifers Using Linked Simulation Optimization Approach. <i>Water Resources Management</i> , 2005, 19, 295-320.	1.9	125
8	Identification of Pollution Sources in Transient Groundwater Systems. <i>Water Resources Management</i> , 2000, 14, 209-227.	1.9	120
9	Coupled simulation "optimization model for coastal aquifer management using genetic programming "based ensemble surrogate models and multiple "realization optimization. <i>Water Resources Research</i> , 2011, 47, .	1.7	112
10	Development of Multiobjective Management Models for Coastal Aquifers. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1999, 125, 76-87.	1.3	88
11	Identification of unknown groundwater pollution sources using classical optimization with linked simulation. <i>Journal of Hydro-Environment Research</i> , 2011, 5, 25-36.	1.0	86
12	Modeling and control of saltwater intrusion in a coastal aquifer of Andhra Pradesh, India. <i>Journal of Hydro-Environment Research</i> , 2009, 3, 148-159.	1.0	82
13	Artificial neural network modeling for identification of unknown pollution sources in groundwater with partially missing concentration observation data. <i>Water Resources Management</i> , 2007, 21, 557-572.	1.9	78
14	Three-Dimensional Groundwater Contamination Source Identification Using Adaptive Simulated Annealing. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 307-317.	0.8	76
15	Comparative Evaluation of Genetic Programming and Neural Network as Potential Surrogate Models for Coastal Aquifer Management. <i>Water Resources Management</i> , 2011, 25, 3201-3218.	1.9	74
16	ANN-GA-Based Model for Multiple Objective Management of Coastal Aquifers. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009, 135, 314-322.	1.3	73
17	Simultaneous identification of unknown groundwater pollution sources and estimation of aquifer parameters. <i>Journal of Hydrology</i> , 2009, 376, 48-57.	2.3	69
18	Short "Term, Single, Multiple "Purpose Reservoir Operation: Importance of Loss Functions and Forecast Errors. <i>Water Resources Research</i> , 1984, 20, 1167-1176.	1.7	68

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19	Development of Management Models for Sustainable Use of Coastal Aquifers. Journal of Irrigation and Drainage Engineering - ASCE, 1999, 125, 112-121.	0.6	63
20	Optimal Estimation of Roughness in Open-Channel Flows. Journal of Hydraulic Engineering, 2000, 126, 299-303.	0.7	61
21	Review: Simulation-optimization models for the management and monitoring of coastal aquifers. Hydrogeology Journal, 2015, 23, 1155-1166.	0.9	60
22	Application of optimisation techniques in groundwater quantity and quality management. Sadhana - Academy Proceedings in Engineering Sciences, 2001, 26, 293-316.	0.8	57
23	Optimal Dynamic Monitoring Network Design and Identification of Unknown Groundwater Pollution Sources. Water Resources Management, 2009, 23, 2031-2049.	1.9	54
24	Identification of Contaminant Source Characteristics and Monitoring Network Design in Groundwater Aquifers: An Overview. Journal of Environmental Protection, 2013, 04, 26-41.	0.3	54
25	Chance-Constrained Optimal Monitoring Network Design for Pollutants in Ground Water. Journal of Water Resources Planning and Management - ASCE, 1996, 122, 180-188.	1.3	52
26	Optimal operation of reservoirs for downstream water quality control using linked simulation optimization. Hydrological Processes, 2008, 22, 842-853.	1.1	51
27	Sequential optimal monitoring network design and iterative spatial estimation of pollutant concentration for identification of unknown groundwater pollution source locations. Environmental Monitoring and Assessment, 2013, 185, 5611-5626.	1.3	50
28	Dynamic Optimal Monitoring Network Design for Transient Transport of Pollutants in Groundwater Aquifers. Water Resources Management, 2008, 22, 651-670.	1.9	49
29	Development and Implementation of Support Vector Machine Regression Surrogate Models for Predicting Groundwater Pumping-Induced Saltwater Intrusion into Coastal Aquifers. Water Resources Management, 2018, 32, 2405-2419.	1.9	48
30	Stochastic and Robust Multi-Objective Optimal Management of Pumping from Coastal Aquifers Under Parameter Uncertainty. Water Resources Management, 2014, 28, 2005-2019.	1.9	46
31	Groundwater Pollution Source Identification and Simultaneous Parameter Estimation Using Pattern Matching by Artificial Neural Network. Environmental Forensics, 2004, 5, 143-153.	1.3	45
32	A Stochastic Optimization Model for Real-time Operation of Reservoirs Using Uncertain Forecasts. Water Resources Research, 1984, 20, 1039-1046.	1.7	44
33	Artificial Neural Networks Approximation of Density Dependent Saltwater Intrusion Process in Coastal Aquifers. Journal of Hydrologic Engineering - ASCE, 2007, 12, 273-282.	0.8	44
34	Multi-objective groundwater management strategy under uncertainties for sustainable control of saltwater intrusion: Solution for an island country in the South Pacific. Journal of Environmental Management, 2019, 234, 115-130.	3.8	42
35	Multiobjective Design of Dynamic Monitoring Networks for Detection of Groundwater Pollution. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 329-338.	1.3	41
36	Multivariate Adaptive Regression Spline Ensembles for Management of Multilayered Coastal Aquifers. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	39

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37	Fuzzy C-Mean Clustering Based Inference System for Saltwater Intrusion Processes Prediction in Coastal Aquifers. <i>Water Resources Management</i> , 2017, 31, 355-376.	1.9	38
38	Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers. <i>Journal of Hydrologic Engineering - ASCE</i> , 2000, 5, 82-89.	0.8	37
39	Optimization algorithms as training approaches for prediction of reference evapotranspiration using adaptive neuro fuzzy inference system. <i>Agricultural Water Management</i> , 2021, 255, 107003.	2.4	37
40	Logic-Based Design of Groundwater Monitoring Network for Redundancy Reduction. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2010, 136, 88-94.	1.3	35
41	Interactive computer graphics-based multiobjective decision-making for regional groundwater management. <i>Agricultural Water Management</i> , 1986, 11, 91-116.	2.4	31
42	Optimal characterization of pollutant sources in contaminated aquifers by integrating sequential-monitoring-network design and source identification: methodology and an application in Australia. <i>Hydrogeology Journal</i> , 2015, 23, 1089-1107.	0.9	30
43	Simulated annealing based simulation-optimization approach for identification of unknown contaminant sources in groundwater aquifers. <i>Desalination and Water Treatment</i> , 2011, 32, 79-85.	1.0	29
44	Optimal Short-term Reservoir Operation with Integrated Long-term Goals. <i>Water Resources Management</i> , 2012, 26, 2833-2850.	1.9	29
45	Uncertainty based optimal monitoring network design for a chlorinated hydrocarbon contaminated site. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 929-940.	1.3	28
46	Efficient Identification of Unknown Groundwater Pollution Sources Using Linked Simulation-Optimization Incorporating Monitoring Location Impact Factor and Frequency Factor. <i>Water Resources Management</i> , 2013, 27, 4959-4976.	1.9	28
47	Modelling saltwater intrusion processes and development of a multi-objective strategy for management of coastal aquifers utilizing planned artificial freshwater recharge. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 111-126.	1.9	28
48	Optimisation approach for pollution source identification in groundwater: an overview. <i>International Journal of Environment and Waste Management</i> , 2011, 8, 40.	0.2	26
49	Optimal combined operation of production and barrier wells for the control of saltwater intrusion in coastal groundwater well fields. <i>Desalination and Water Treatment</i> , 2011, 32, 72-78.	1.0	25
50	Characterization of Groundwater Pollution Sources with Unknown Release Time History. <i>Journal of Water Resource and Protection</i> , 2014, 06, 337-350.	0.3	25
51	Saltwater Intrusion Management of Coastal Aquifers. II: Operation Uncertainty and Monitoring. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 1273-1282.	0.8	23
52	Performance evaluation of a stochastic optimization model for reservoir design and management with explicit reliability criteria. <i>Water Resources Research</i> , 1981, 17, 827-832.	1.7	22
53	Linked Simulation-Optimization based Dedicated Monitoring Network Design for Unknown Pollutant Source Identification using Dynamic Time Warping Distance. <i>Water Resources Management</i> , 2014, 28, 4161-4182.	1.9	20
54	A surrogate based multi-objective management model to control saltwater intrusion in multi-layered coastal aquifer systems. <i>Civil Engineering and Environmental Systems</i> , 2017, 34, 238-263.	0.4	20

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55	Optimal Identification of Groundwater Pollution Sources Using Feedback Monitoring Information: A Case Study. <i>Environmental Forensics</i> , 2012, 13, 140-153.	1.3	19
56	An Ensemble Meta-Modelling Approach Using the Dempster-Shafer Theory of Evidence for Developing Saltwater Intrusion Management Strategies in Coastal Aquifers. <i>Water Resources Management</i> , 2019, 33, 775-795.	1.9	19
57	Performance Evaluation of Homogeneous and Heterogeneous Ensemble Models for Groundwater Salinity Predictions: a Regional-Scale Comparison Study. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	19
58	Design of an Optimal Compliance Monitoring Network and Feedback Information for Adaptive Management of Saltwater Intrusion in Coastal Aquifers. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2014, 140, .	1.3	18
59	Influence of Sea Level Rise on Multiobjective Management of Saltwater Intrusion in Coastal Aquifers. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	0.8	18
60	A review of groundwater sustainability crisis in the Pacific Island countries: Challenges and solutions. <i>Journal of Hydrology</i> , 2021, 603, 127165.	2.3	18
61	Reconnaissance-Level Alternative Optimal Groundwater Use Strategies. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1990, 116, 676-692.	1.3	17
62	Global Optimal Design of Ground Water Monitoring Network Using Embedded Kriging. <i>Ground Water</i> , 2009, 47, 806-815.	0.7	17
63	A Review of Surrogate Models and Their Ensembles to Develop Saltwater Intrusion Management Strategies in Coastal Aquifers. <i>Earth Systems and Environment</i> , 2018, 2, 193-211.	3.0	17
64	Optimal Groundwater-Use Strategy for Saltwater Intrusion Management in a Pacific Island Country. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, .	1.3	16
65	Multiobjective Monitoring Network Design for Efficient Identification of Unknown Groundwater Pollution Sources Incorporating Genetic Programming-Based Monitoring. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 04014025.	0.8	15
66	Genetic algorithm tuned fuzzy inference system to evolve optimal groundwater extraction strategies to control saltwater intrusion in multi-layered coastal aquifers under parameter uncertainty. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1707-1725.	1.9	15
67	Optimizing monthly ecological flow regime by a coupled fuzzy physical habitat simulation genetic algorithm method. <i>Environment Systems and Decisions</i> , 2021, 41, 425-436.	1.9	15
68	Multiobjective management of a contaminated aquifer for agricultural use. <i>Water Resources Management</i> , 1996, 10, 373-395.	1.9	14
69	Discussion of "Identification of Contaminant Source Location and Release History in Aquifers" by Mustafa M. Aral, Jiabao Guan, and Morris L. Maslia. <i>Journal of Hydrologic Engineering - ASCE</i> , 2002, 7, 399-400.	0.8	14
70	Preface: Optimization for groundwater characterization and management. <i>Hydrogeology Journal</i> , 2015, 23, 1043-1049.	0.9	14
71	Performance evaluation of a genetic algorithm-based linked simulation-optimization model for optimal hydraulic seepage-related design of concrete gravity dams. <i>Journal of Applied Water Engineering and Research</i> , 2019, 7, 173-197.	1.0	14
72	Linked Optimal Reactive Contaminant Source Characterization in Contaminated Mine Sites: Case Study. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	13

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73	Adaptive Management of Coastal Aquifers Using Entropy-Set Pair Analysisâ€‘Based Three-Dimensional Sequential Monitoring Network Design. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	13
74	Application of Genetic Programming Models Incorporated in Optimization Models for Contaminated Groundwater Systems Management. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 183-199.	0.5	13
75	Application of Unknown Groundwater Pollution Source Release History Estimation Methodology to Distributed Sources Incorporating Surface-Groundwater Interactions. <i>Environmental Forensics</i> , 2015, 16, 143-162.	1.3	12
76	Saltwater intrusion prediction in coastal aquifers utilizing a weighted-average heterogeneous ensemble of prediction models based on Dempster-Shafer theory of evidence. <i>Hydrological Sciences Journal</i> , 2020, 65, 1555-1567.	1.2	12
77	Minimizing physical habitat impacts at downstream of diversion dams by a multiobjective optimization of environmental flow regime. <i>Environmental Modelling and Software</i> , 2021, 140, 105029.	1.9	12
78	Trained meta-models and evolutionary algorithm based multi-objective management of coastal aquifers under parameter uncertainty. <i>Journal of Hydroinformatics</i> , 2018, 20, 1247-1267.	1.1	11
79	Groundwater Level Prediction Using a Multiple Objective Genetic Algorithm-Grey Relational Analysis Based Weighted Ensemble of ANFIS Models. <i>Water (Switzerland)</i> , 2021, 13, 3130.	1.2	11
80	optimal Modification of Regional Potentiometric Surface Design for Groundwater Contaminant Containment. <i>Transactions of the American Society of Agricultural Engineers</i> , 1986, 29, 1611-1623.	0.9	10
81	Performance of an Artificial Neural Network model for simulating saltwater intrusion process in coastal aquifers when training with noisy data. <i>KSCE Journal of Civil Engineering</i> , 2009, 13, 205-215.	0.9	10
82	Fractal Singularityâ€‘Based Multiobjective Monitoring Networks for Reactive Species Contaminant Source Characterization. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	1.3	9
83	Application of Dedicated Monitoringâ€‘Network Design for Unknown Pollutant-Source Identification Based on Dynamic Time Warping. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015, 141, .	1.3	8
84	Genetic Programming and Gaussian Process Regression Models for Groundwater Salinity Prediction: Machine Learning for Sustainable Water Resources Management. , 2018, , .		8
85	Application of Monitoring Network Design and Feedback Information for Adaptive Management of Coastal Groundwater Resources. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4365.	1.2	8
86	Design of optimal environmental flow regime at downstream of reservoirs using wetted perimeter-optimization method. <i>Journal of Hydro-Environment Research</i> , 2021, 39, 1-14.	1.0	8
87	Adaptive Surrogate Model Based Optimization (ASMBO) for Unknown Groundwater Contaminant Source Characterizations Using Self-Organizing Maps. <i>Journal of Water Resource and Protection</i> , 2017, 09, 193-214.	0.3	8
88	CHANCE CONSTRAINED WATER QUALITY MANAGEMENT MODEL FOR RESERVOIR SYSTEMS. <i>ISH Journal of Hydraulic Engineering</i> , 2006, 12, 39-48.	1.1	7
89	Utilizing classic evolutionary algorithms to assess the Brown trout (<i>Salmo trutta</i>) habitats by ANFIS-based physical habitat model. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 857-869.	1.9	7
90	Optimizing reservoir operation to avoid downstream physical habitat loss using coupled ANFIS-metaheuristic model. <i>Earth Science Informatics</i> , 2021, 14, 2203-2220.	1.6	7

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91	Optimal Management of Groundwater Extraction to Control Saltwater Intrusion in Multi-Layered Coastal Aquifers Using Ensembles of Adaptive Neuro-Fuzzy Inference System. , 2017, , .		6
92	Optimal pumping strategies for the management of coastal groundwater resources: application of Gaussian Process Regression metamodel-based simulation-optimization methodology. ISH Journal of Hydraulic Engineering, 2019, , 1-10.	1.1	6
93	Modelling and management of saltwater intrusion in a coastal aquifer system: A regional-scale study. Groundwater for Sustainable Development, 2020, 11, 100479.	2.3	6
94	Application of the group method of data handling and variable importance analysis for prediction and modelling of saltwater intrusion processes in coastal aquifers. Neural Computing and Applications, 2021, 33, 4179-4190.	3.2	6
95	Optimal Characterization of Unknown Multispecies Reactive Contamination Sources in an Aquifer. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	6
96	Geochemistry of groundwater and saltwater intrusion in a coastal region of an island in Malacca Strait, Indonesia. Environmental Engineering Research, 2021, 26, 200006-0.	1.5	6
97	A simulation-optimization system for evaluating flood management and environmental flow supply by reservoirs. Natural Hazards, 2022, 111, 2855-2879.	1.6	6
98	A nonlinear time-variant constrained model for rainfall-runoff. Journal of Hydrology, 1985, 77, 1-18.	2.3	5
99	Simulation of seawater intrusion in coastal aquifers: Some typical responses. Sadhana - Academy Proceedings in Engineering Sciences, 2001, 26, 317-352.	0.8	5
100	Improved optimal design of concrete gravity dams founded on anisotropic soils utilizing simulation-optimization model and hybrid genetic algorithm. ISH Journal of Hydraulic Engineering, 2021, 27, 20-37.	1.1	5
101	Optimum design of hydraulic water retaining structures incorporating uncertainty in estimating heterogeneous hydraulic conductivity utilizing stochastic ensemble surrogate models within a multi-objective multi-realisation optimisation model. Journal of Computational Design and Engineering, 2019, 6, 296-315.	1.5	5
102	Use of Genetic Programming Based Surrogate Models to Simulate Complex Geochemical Transport Processes in Contaminated Mine Sites. , 2015, , 359-379.		5
103	An ecohydraulic-based expert system for optimal management of environmental flow at the downstream of reservoirs. Journal of Hydroinformatics, 2021, 23, 1343-1367.	1.1	5
104	Linked Optimization Model for Groundwater Monitoring Network Design. Water Science and Technology Library, 2016, , 107-125.	0.2	4
105	Minimum Cost Design of Hydraulic Water Retaining Structure by using Coupled Simulation Optimization Approach. KSCE Journal of Civil Engineering, 2019, 23, 1095-1107.	0.9	4
106	Application of a link simulation optimization model utilizing quantification of hydrogeologic uncertainty to characterize unknown groundwater contaminant sources. Modeling Earth Systems and Environment, 2019, 5, 119-131.	1.9	4
107	Comparative efficiency of different artificial intelligence based models for predicting density dependent saltwater intrusion processes in coastal aquifers and saltwater intrusion management utilizing the best performing model. , 0, 105, 160-180.		4
108	Reliability Evaluation of Groundwater Contamination Source Characterization under Uncertain Flow Field. International Journal of Environmental Science and Development, 2015, 6, 512-518.	0.2	4

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109	Reliability Analysis of Thaw-Induced Pore Pressures. Journal of Cold Regions Engineering - ASCE, 1991, 5, 125-141.	0.5	3
110	Reliability-based optimum design of hydraulic water retaining structure constructed on heterogeneous porous media: utilizing stochastic ensemble surrogate model-based linked simulation optimization model. Life Cycle Reliability and Safety Engineering, 2019, 8, 65-84.	0.6	3
111	Encapsulating the Role of Solution Response Space Roughness on Global Optimal Solution: Application in Identification of Unknown Groundwater Pollution Sources. Open Journal of Optimization, 2014, 03, 26-41.	0.3	3
112	Application of Simulated Annealing and Adaptive Simulated Annealing in Search for Efficient Optimal Solutions of a Groundwater Contamination related Problem. , 2017, , .		2
113	Source Characterization of Multiple Reactive Species at an Abandoned Mine Site Using a Groundwater Numerical Simulation Model and Optimization Models. International Journal of Environmental Research and Public Health, 2021, 18, 4776.	1.2	2
114	Utilizing Evolutionary algorithms for continuous simulation of long-term reservoir inflows. Water Management, 0, , 1-35.	0.4	2
115	Reducing the conflict of interest in the optimal operation of reservoirs by linking mesohabitat hydraulic modeling and metaheuristic optimization. Water Science and Technology: Water Supply, 2022, 22, 2269-2286.	1.0	2
116	Transfer of optimization techniques from water reservoir to national grain reservoir systems: issues in economic modelling. Civil Engineering and Environmental Systems, 1985, 2, 209-216.	0.2	1
117	Selection of Meta-models to Predict Saltwater Intrusion in Coastal Aquifers Using Entropy Weight Based Decision Theory. , 2018, , .		1
118	Robust Ensemble Modeling Paradigm for Groundwater Salinity Predictions in Complex Aquifer Systems. , 2021, , 53-72.		1
119	Sequential Characterization of Contaminant Plumes Using Feedback Information. Society of Earth Scientists Series, 2021, , 21-35.	0.2	1
120	ARTIFICIAL INTELLIGENCE-BASED MODELS FOR THE OPTIMAL AND SUSTAINABLE USE OF GROUNDWATER IN COASTAL AQUIFERS. , 0, , 211-222.		0
121	Wavelet and Cross-Wavelet Analysis of Groundwater Quality Signals of Saltwater Intruded Coastal Aquifers. , 2011, , .		0
122	Density Dependent Flows, Saltwater Intrusion and Management. , 2011, , 394-429.		0
123	Comment on "Artificial neural network model as a potential alternative for groundwater salinity forecasting" by Pallavi Banerjee et al. [J. Hydrol. 398 (2011) 212-220]. Journal of Hydrology, 2012, 420-421, 419-420.	2.3	0
124	Reliability Based Management of Coastal Aquifers Using Heterogeneous Ensemble of Meta-models. , 2018, , .		0
125	Characterization of Groundwater Contaminant Sources by Utilizing MARS Based Surrogate Model Linked to Optimization Model. Advances in Intelligent Systems and Computing, 2019, , 153-162.	0.5	0
126	Prediction of Impending Drought Scenarios Based on Surface and Subsurface Parameters in a Selected Region of Tropical Queensland, Australia. Journal of Water Resource and Protection, 2021, 13, 605-631.	0.3	0

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127	New Hope for Resistant Hypertention. Cardiovascular Journal, 2012, 5, 81-91.	0.0	0
128	Comparative study of moisture release behaviour of soils, soil clays and pure clays. Soil Research, 1981, 19, 79.	0.6	0
129	Solution of Large-Scale Multi-objective Optimization Models for Saltwater Intrusion Control in Coastal Aquifers Utilizing ANFIS Based Linked Meta-Models for Computational Feasibility and Efficiency. Springer Proceedings in Mathematics and Statistics, 2020, , 163-171.	0.1	0
130	Reducing impacts of rice fields nitrate contamination on the river ecosystem by a coupled SWAT reservoir operation optimization model. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	0