

Uri Shamir

List of Publications by Year in descending order

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55
papers

2,393
citations

201674

27
h-index

197818

49
g-index

56
all docs

56
docs citations

56
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization Methodology for Estimating Pump Curves Using SCADA Data. <i>Water (Switzerland)</i> , 2021, 13, 586.	2.7	2
2	IUGG in the 21st century. <i>History of Geo- and Space Sciences</i> , 2019, 10, 73-95.	0.4	2
3	Water consumption patterns as a basis for water demand modeling. <i>Water Resources Research</i> , 2015, 51, 8165-8181.	4.2	40
4	Limited multi-stage stochastic programming for managing water supply systems. <i>Environmental Modelling and Software</i> , 2013, 41, 53-64.	4.5	48
5	Implicit Mean-Variance Approach for Optimal Management of a Water Supply System under Uncertainty. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 634-643.	2.6	6
6	Water Management in 2050. , 2012, , 35-45.		0
7	Seasonal multi-year optimal management of quantities and salinities in regional water supply systems. <i>Environmental Modelling and Software</i> , 2012, 37, 55-67.	4.5	7
8	Optimal multiyear management of a water supply system under uncertainty: Robust counterpart approach. <i>Water Resources Research</i> , 2011, 47, .	4.2	22
9	Water-sensitive planning: integrating water considerations into urban and regional planning. <i>Water and Environment Journal</i> , 2010, 24, 181-191.	2.2	46
10	Negotiation Support for Cooperative Allocation of a Shared Water Resource: Application. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009, 135, 70-79.	2.6	8
11	Optimisation of complex water supply systems with water quality, hydraulic and treatment plant aspects. <i>Civil Engineering and Environmental Systems</i> , 2009, 26, 295-321.	0.9	8
12	Negotiation Support for Cooperative Allocation of a Shared Water Resource: Methodology. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2009, 135, 60-69.	2.6	13
13	Design of irrigation water supply systems using the <i>Qâ€C</i> feasibility domain concept: I. Introduction and theory. <i>Irrigation and Drainage</i> , 2009, 58, 50-60.	1.7	3
14	Optimal Real-Time Operation of Urban Water Distribution Systems Using Reduced Models. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2008, 134, 181-185.	2.6	62
15	Optimizing the operation of the Haifa-A water-distribution network. <i>Journal of Hydroinformatics</i> , 2007, 9, 51-64.	2.4	62
16	Conceptual design of a generic, real-time, near-optimal control system for water-distribution networks. <i>Journal of Hydroinformatics</i> , 2007, 9, 3-14.	2.4	63
17	Managing Groundwater Levels in an Agricultural Area with Peat Soils. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2004, 130, 243-254.	2.6	4
18	Sensitivity analysis of optimal operation of irrigation supply systems with water quality considerations. <i>Irrigation and Drainage Systems</i> , 2004, 18, 227-253.	0.5	13

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19	Water quality aspects of optimal operation of rural water distribution systems for supply of irrigation and drinking water. <i>Irrigation and Drainage</i> , 2004, 53, 339-361.	1.7	6
20	Comparison of models for optimal operation of multiquality water supply networks. <i>Engineering Optimization</i> , 2003, 35, 579-605.	2.6	8
21	Objective, observations-based, automatic estimation of the catchment response timescale. <i>Water Resources Research</i> , 2002, 38, 30-1-30-16.	4.2	21
22	Optimal water management and conflict resolution: The Middle East Water Project. <i>Water Resources Research</i> , 2002, 38, 25-1-25-17.	4.2	59
23	Reliability simulation of water distribution systems – single and multiquality. <i>Urban Water</i> , 2002, 4, 53-61.	0.5	78
24	The characteristic time scale for basin hydrological response using radar data. <i>Journal of Hydrology</i> , 2001, 252, 85-99.	5.4	42
25	Development of institutional frameworks for the management of transboundary water resources. <i>International Journal of Global Environmental Issues</i> , 2001, 1, 306.	0.1	41
26	Optimal Extraction of Water from Regional Aquifer under Salinization. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2001, 127, 71-77.	2.6	10
27	Water-Sensitive Urban Planning: Modeling On-Site Infiltration. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2001, 127, 78-88.	2.6	23
28	Optimal management of a regional aquifer under salinization conditions. <i>Water Resources Research</i> , 2000, 36, 3193-3203.	4.2	24
29	OPTIMAL OPERATION OF MULTI-QUALITY WATER SUPPLY SYSTEMS-I: INTRODUCTION AND THE Q-C MODEL. <i>Engineering Optimization</i> , 2000, 32, 549-584.	2.6	26
30	OPTIMAL OPERATION OF MULTI-QUALITY WATER SUPPLY SYSTEMS-II: THE Q-H MODEL. <i>Engineering Optimization</i> , 2000, 32, 687-719.	2.6	36
31	OPTIMAL OPERATION OF MULTIQUALITY WATER SUPPLY SYSTEMS-III: THE Q-C-H MODEL. <i>Engineering Optimization</i> , 2000, 33, 1-35.	2.6	22
32	Water-sensitive Urban Planning: Protecting Groundwater. <i>Journal of Environmental Planning and Management</i> , 1997, 40, 413-434.	4.5	32
33	Reply [to “Comment on “Optimal design of water distribution networks”™ by Gideon Eiger, Uri Shamir, and Aharon Ben-Tal”. <i>Water Resources Research</i> , 1996, 32, 1903-1904.	4.2	0
34	Design of Optimal Reliable Multiquality Water-Supply Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1996, 122, 322-333.	2.6	69
35	Containing groundwater contamination: Planning models using stochastic programming with recourse. <i>European Journal of Operational Research</i> , 1994, 77, 1-26.	5.7	29
36	Optimal design of water distribution networks. <i>Water Resources Research</i> , 1994, 30, 2637-2646.	4.2	165

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37	Incorporating reliability in optimal design of water distribution networks” review and new concepts. Reliability Engineering and System Safety, 1993, 42, 5-11.	8.9	19
38	Optimal Operation of Multiquality Networks. II: Unsteady Conditions. Journal of Water Resources Planning and Management - ASCE, 1993, 119, 663-684.	2.6	34
39	Optimal Operation of Multiquality Networks. I: Steady-State Conditions. Journal of Water Resources Planning and Management - ASCE, 1993, 119, 645-662.	2.6	47
40	Groundwater quality management under uncertainty: stochastic programming approaches and the value of information. Water Resources Research, 1992, 28, 1233-1246.	4.2	88
41	OPTIMAL OPERATION OF RESERVOIRS BY STOCHASTIC PROGRAMMING. Engineering Optimization, 1991, 17, 293-312.	2.6	33
42	A methodology for least-cost design of invulnerable water distribution networks. Civil Engineering and Environmental Systems, 1990, 7, 20-28.	0.2	48
43	Analysis of the linear programming gradient method for optimal design of water supply networks. Water Resources Research, 1989, 25, 1469-1480.	4.2	155
44	Water Distribution Reliability: Simulation Methods. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 276-294.	2.6	457
45	Water Distribution Reliability: Analytical Methods. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 253-275.	2.6	182
46	Schematic Models for Distribution Systems Design. I: Combination Concept. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 129-140.	2.6	27
47	Schematic Models for Distribution Systems Design, II Continuum Approach. Journal of Water Resources Planning and Management - ASCE, 1988, 114, 141-162.	2.6	4
48	Experiences in multiobjective planning and management of water resources systems. Hydrological Sciences Journal, 1983, 28, 77-92.	2.6	6
49	Water supply reliability theory. Journal - American Water Works Association, 1981, 73, 379-384.	0.3	38
50	Application of operations research in Israel's water sector. European Journal of Operational Research, 1980, 5, 332-345.	5.7	5
51	Optimization in water distribution systems engineering. Mathematical Programming Studies, 1979, , 65-84.	0.8	21
52	A SIMPLE HYDRAULIC SIMULATOR. Journal of the American Water Resources Association, 1978, 14, 12-23.	2.4	0
53	Engineering Analysis of Water Distribution Systems. Journal - American Water Works Association, 1977, 69, 510-514.	0.3	32
54	Optimal operation of the pumping stations in the Kinnereth-Eshkol section of the national water carrier. Journal of Hydrology, 1976, 28, 271-288.	5.4	1

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55	Optimal Design and Operation of Water Distribution Systems. Water Resources Research, 1974, 10, 27-36.	4.2	94