

Ted Gardner

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2477308/ted-gardner-publications-by-year.pdf>

Version: 2024-04-18

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

1,542
citations

25
h-index

36
g-index

73
ext. papers

1,734
ext. citations

4.1
avg, IF

4.93
L-index

#	Paper	IF	Citations
72	Development of an Intelligent Urban Water Network System. <i>Water (Switzerland)</i> , 2022 , 14, 1320	3	1
71	Integration of Decentralised and Centralised Water Systems to Address Current Water Servicing Challenges. <i>Lecture Notes in Civil Engineering</i> , 2021 , 1-16	0.3	
70	ASSESSMENT OF SOCIO-ECONOMIC FACTORS IMPACTING ON THE CROPPING INTENSITY OF AN IRRIGATION SCHEME IN DEVELOPING COUNTRIES. <i>Irrigation and Drainage</i> , 2020 , 69, 363-375	1.1	4
69	Comprehensive Assessment Methodology for Urban Residential Rainwater Tank Implementation. <i>Water (Switzerland)</i> , 2020 , 12, 315	3	3
68	Economic Viability of Water-Supply Gravity Main. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2020 , 11, 06019004	1.5	1
67	Representative general circulation models selection and downscaling of climate data for the transboundary Koshi river basin in China and Nepal. <i>International Journal of Climatology</i> , 2020 , 40, 4131-4149	2.5	12
66	Impacts of climate change on the flow of the transboundary Koshi River, with implications for local irrigation. <i>International Journal of Water Resources Development</i> , 2020 , 1-26	3	6
65	Sizing of Domestic Rainwater Harvesting Systems Using Economic Performance Indicators to Support Water Supply Systems. <i>Water (Switzerland)</i> , 2019 , 11, 783	3	8
64	Investigation of alternative water sources for fish farming using life cycle costing approach: A case study in North West Tasmania. <i>Journal of Hydrology</i> , 2019 , 579, 124215	6	3
63	WSUD Design Guidelines and Data Needs 2019 , 75-86		5
62	Understanding the impact of hybrid water supply systems on wastewater and stormwater flows. <i>Resources, Conservation and Recycling</i> , 2018 , 130, 82-94	11.9	14
61	Evaluation of stormwater harvesting sites using multi criteria decision methodology. <i>Journal of Hydrology</i> , 2018 , 562, 181-192	6	18
60	Integrated Evaluation of Hybrid Water Supply Systems Using a PROMETHEE/GAIA Approach. <i>Water (Switzerland)</i> , 2018 , 10, 610	3	18
59	Reprint of: Smart meter enabled informatics for economically efficient diversified water supply infrastructure planning. <i>Journal of Cleaner Production</i> , 2017 , 163, S138-S147	10.3	5
58	Impact of Short Duration Intense Rainfall Events on Sanitary Sewer Network Performance. <i>Water (Switzerland)</i> , 2017 , 9, 225	3	19
57	Investigating the Financial Implications and Viability of Diversified Water Supply Systems in an Urban Water Supply Zone. <i>Water Resources Management</i> , 2016 , 30, 4037-4051	3.7	6
56	Smart meter enabled informatics for economically efficient diversified water supply infrastructure planning. <i>Journal of Cleaner Production</i> , 2016 , 135, 1023-1033	10.3	24

55	Risks and tensions in water industry innovation: understanding adoption of decentralised water systems from a socio-technical transitions perspective. <i>Journal of Cleaner Production</i> , 2016 , 113, 263-273 ^{10.3}	29
54	An Integrated Framework for Assessment of Hybrid Water Supply Systems. <i>Water (Switzerland)</i> , 2016 , 8, 4	3 21
53	Water Sensitive Urban Design: An Investigation of Current Systems, Implementation Drivers, Community Perceptions and Potential to Supplement Urban Water Services. <i>Water (Switzerland)</i> , 2016 , 8, 272	3 72
52	Rainwater tanks in modern cities: a review of current practices and research. <i>Journal of Water and Climate Change</i> , 2016 , 7, 445-466	2.3 11
51	Investigation of pump and pump switch failures in rainwater harvesting systems. <i>Journal of Hydrology</i> , 2016 , 538, 208-215	6 8
50	Urban drainage system planning and design--challenges with climate change and urbanization: a review. <i>Water Science and Technology</i> , 2015 , 72, 165-79	2.2 64
49	Smart meter enabled water end-use demand data: platform for the enhanced infrastructure planning of contemporary urban water supply networks. <i>Journal of Cleaner Production</i> , 2015 , 87, 642-654 ^{10.3}	55
48	An Overview of Hybrid Water Supply Systems in the Context of Urban Water Management: Challenges and Opportunities. <i>Water (Switzerland)</i> , 2015 , 7, 153-174	3 49
47	Impact of water management practice scenarios on wastewater flow and contaminant concentration. <i>Journal of Environmental Management</i> , 2015 , 151, 461-71	7.9 27
46	Communal rainwater tank systems design and economies of scale. <i>Journal of Cleaner Production</i> , 2014 , 67, 26-36	10.3 50
45	Smart meters for enhanced water supply network modelling and infrastructure planning. <i>Resources, Conservation and Recycling</i> , 2014 , 90, 34-50	11.9 51
44	Basic Psychological Needs Influencing the Regularity of Domestic Rainwater Tank Maintenance. <i>Water Resources Management</i> , 2014 , 28, 4059-4073	3.7 3
43	Evaluation of alternative water sources for commercial buildings: A case study in Brisbane, Australia. <i>Resources, Conservation and Recycling</i> , 2014 , 89, 86-93	11.9 36
42	Spatial and short-term temporal distribution of fugitive methane and nitrous oxide emission from a decentralised sewage mining plant: a pilot study. <i>Journal of Water and Climate Change</i> , 2014 , 5, 1-12	2.3 1
41	Water use, sanitation and health in a fragmented urban water system: case study and household survey. <i>Urban Water Journal</i> , 2014 , 11, 198-210	2.3 12
40	Design of a Pumping Main Considering Pipeline Failure. <i>Water Resources Management</i> , 2013 , 27, 199-207 ^{3.7}	1
39	A GIS based screening tool for locating and ranking of suitable stormwater harvesting sites in urban areas. <i>Journal of Environmental Management</i> , 2013 , 128, 363-70	7.9 26
38	Performance Analysis of a Communal Residential Rainwater System for Potable Supply: A Case Study in Brisbane, Australia. <i>Water Resources Management</i> , 2013 , 27, 4865-4876	3.7 43

37	A Decision Support Methodology for Integrated Urban Water Management in Remote Settlements. <i>Water Resources Management</i> , 2013 , 27, 433-449	3.7	15
36	Evaluation of plumbed rainwater tanks in households for sustainable water resource management: a real-time monitoring study. <i>Journal of Cleaner Production</i> , 2013 , 42, 204-214	10.3	51
35	Optimal design of a sewer line using Linear Programming. <i>Applied Mathematical Modelling</i> , 2013 , 37, 4430-4439	4.5	17
34	Monitoring and validation of decentralised water and wastewater systems for increased uptake. <i>Water Science and Technology</i> , 2013 , 67, 2576-81	2.2	8
33	Decentralised systems - definition and drivers in the current context. <i>Water Science and Technology</i> , 2013 , 67, 2091-101	2.2	32
32	Application of linear programming for looped water supply pipe network design. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 1195-1201	1.4	5
31	How supply system design can reduce the energy footprint of rainwater supply in urban areas in Australia. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 753-760	1.4	3
30	Assessing decentralised wastewater treatment technologies: correlating technology selection to system robustness, energy consumption and GHG emission. <i>Journal of Water and Climate Change</i> , 2013 , 4, 338-347	2.3	22
29	Exploring the need for rainwater tank maintenance: survey, review and simulations. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 191-201	1.4	16
28	Self-reported judgements of management and governance issues in stormwater and greywater systems. <i>Journal of Cleaner Production</i> , 2012 , 29-30, 144-150	10.3	13
27	Multi-criteria decision assessments using Subjective Logic: Methodology and the case of urban water strategies. <i>Journal of Hydrology</i> , 2012 , 452-453, 180-189	6	23
26	Feasibility study on the application of advanced oxidation technologies for decentralised wastewater treatment. <i>Journal of Cleaner Production</i> , 2012 , 35, 230-238	10.3	90
25	Application of the Water Needs Index: Can Tho City, Mekong Delta, Vietnam. <i>Journal of Hydrology</i> , 2012 , 468-469, 203-212	6	13
24	A Desktop Analysis of Potable Water Savings from Internally Plumbed Rainwater Tanks in South-East Queensland, Australia. <i>Water Resources Management</i> , 2012 , 26, 1577-1590	3.7	33
23	Examining Biophysical and Socio-Demographic Factors across Mandated Tank Users in Urban Australia: A Linking Step towards Achieving Best Practices. <i>Water Resources Management</i> , 2012 , 26, 1983-1998	3.7	8
22	Utilising integrated urban water management to assess the viability of decentralised water solutions. <i>Water Science and Technology</i> , 2012 , 66, 113-21	2.2	22
21	Impediments and constraints in the uptake of water sensitive urban design measures in greenfield and infill developments. <i>Water Science and Technology</i> , 2012 , 65, 340-52	2.2	42
20	Impact of water source management practices in residential areas on sewer networks - a review. <i>Water Science and Technology</i> , 2012 , 65, 624-42	2.2	33

19	Perceived performance of decentralised water systems: a survey approach. <i>Water Science and Technology: Water Supply</i> , 2011 , 11, 516-526	1.4	8
18	Assessing Decentralised Water Solutions: Towards a Framework for Adaptive Learning. <i>Water Resources Management</i> , 2011 , 25, 217-238	3.7	23
17	Discussion of the enabling environments for decentralised water systems. <i>Water Science and Technology</i> , 2011 , 63, 2331-9	2.2	29
16	The impact of diurnal water use patterns, demand management and rainwater tanks on water supply network design. <i>Water Science and Technology: Water Supply</i> , 2010 , 10, 69-80	1.4	26
15	The role of rainwater tanks in Australia in the twenty first century. <i>Architectural Science Review</i> , 2010 , 53, 107-125	2.6	25
14	Sustainable sewerage servicing options for peri-urban areas with failing septic systems. <i>Water Science and Technology</i> , 2010 , 62, 570-85	2.2	14
13	Role of decentralised systems in the transition of urban water systems. <i>Water Science and Technology: Water Supply</i> , 2010 , 10, 577-583	1.4	48
12	Matching alternative water services to industry type: an eco-industrial approach. <i>Water Science and Technology: Water Supply</i> , 2010 , 10, 969-977	1.4	2
11	Alternative Water Resources for Rural Residential Development in Western Australia. <i>Water Resources Management</i> , 2010 , 24, 25-36	3.7	51
10	Rethinking of Non-traditional Water Resources in Residential Developments of Rural Towns, Western Australia. <i>Journal of Water and Environment Technology</i> , 2009 , 7, 57-66	1.1	
9	Assessment of rainwater use and greywater reuse in high-rise buildings in a brownfield site. <i>Water Science and Technology</i> , 2009 , 60, 575-81	2.2	14
8	Environmental and Economic Assessment of Urban Water Services for a Greenfield Development. <i>Environmental Engineering Science</i> , 2009 , 26, 921-934	2	70
7	Design method for circular and non-circular sewer sections. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2008 , 46, 133-141	1.9	3
6	Assessing integrated water management options for urban developments [Canberra case study]. <i>Urban Water Journal</i> , 2008 , 5, 147-159	2.3	38
5	Cost Considerations and General Principles in the Optimal Design of Water Distribution Systems 2008 ,		1
4	Innovative sewerage solutions for small rural towns. <i>Water Science and Technology</i> , 2007 , 56, 97-103	2.2	0
3	Decomposition of Large Water Distribution Systems. <i>Journal of Environmental Engineering, ASCE</i> , 1990 , 116, 269-283	2	26
2	Reorganization of Water-Distribution System. <i>Journal of Environmental Engineering, ASCE</i> , 1990 , 116, 588-600	2	11

1 A scoping review on Water Sensitive Urban Design aims and achievements. *Urban Water Journal*,1-15 2.3 1