Magnus Moglia

List of Publications by Year
in descending order

51 papers	1,606 citations	331670 21 h-index	315739 38 g-index
54 all docs	54 docs citations	54 times ranked	1664 citing authors

#	Article	IF	Citations
1	Towards sustainable urban water management: A critical reassessment. Water Research, 2013, 47, 7150-7161.	11.3	346
2	Sustainable urban systems: Co-design and framing for transformation. Ambio, 2018, 47, 57-77.	5.5	213
3	A physical probabilistic model to predict failure rates in buried PVC pipelines. Reliability Engineering and System Safety, 2007, 92, 1258-1266.	8.9	68
4	An Overview of Hybrid Water Supply Systems in the Context of Urban Water Management: Challenges and Opportunities. Water (Switzerland), 2015, 7, 153-174.	2.7	62
5	A review of Agent-Based Modelling of technology diffusion with special reference to residential energy efficiency. Sustainable Cities and Society, 2017, 31, 173-182.	10.4	53
6	Strong exploration of a cast iron pipe failure model. Reliability Engineering and System Safety, 2008, 93, 885-896.	8.9	43
7	Promoting Water Conservation: Where to from here?. Water (Switzerland), 2018, 10, 1510.	2.7	43
8	Failure prediction and optimal scheduling of replacements in asbestos cement water pipes. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 239-252.	1.4	36
9	Sewer Performance Reporting: Factors That Influence Blockages. Journal of Infrastructure Systems, 2011, 17, 42-51.	1.8	36
10	Modelling an urban water system on the edge of chaos. Environmental Modelling and Software, 2010, 25, 1528-1538.	4.5	33
11	Accelerating a green recovery of cities: Lessons from a scoping review and a proposal for mission-oriented recovery towards post-pandemic urban resilience. Developments in the Built Environment, 2021, 7, 100052.	4.0	33
12	Discussion of the enabling environments for decentralised water systems. Water Science and Technology, 2011, 63, 2331-2339.	2.5	32
13	Urban transformation stories for the 21st century: Insights from strategic conversations. Global Environmental Change, 2018, 50, 222-237.	7.8	30
14	Rice farming systems in Southern Lao PDR: Interpreting farmersâ€™ agricultural production decisions using Q methodology. Agricultural Systems, 2018, 160, 1-10.	6.1	30
15	An Agent-Based Model of Residential Energy Efficiency Adoption. Jasss, 2018, 21, .	1.8	29
16	Assessing Decentralised Water Solutions: Towards a Framework for Adaptive Learning. Water Resources Management, 2011, 25, 217-238.	3.9	28
17	An Integrated Framework for Assessment of Hybrid Water Supply Systems. Water (Switzerland), 2016, 8, 4.	2.7	28
18	Multi-criteria decision assessments using Subjective Logic: Methodology and the case of urban water strategies. Journal of Hydrology, 2012, 452-453, 180-189.	5.4	26

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19	Economic vulnerability and regional implications of a lowÂcarbonÂemissions future. Australian Journal of Agricultural and Resource Economics, 2020, 64, 575-604.	2.6	26
20	Water needs assessment: Learning to deal with scale, subjectivity and high stakes. Journal of Hydrology, 2010, 388, 251-257.	5.4	25
21	Integrated Evaluation of Hybrid Water Supply Systems Using a PROMETHEEâ€"GAIA Approach. Water (Switzerland), 2018, 10, 610.	2.7	25
22	Telework, Hybrid Work and the United Nationâ€™s Sustainable Development Goals: Towards Policy Coherence. Sustainability, 2021, 13, 9222.	3.2	25
23	Water troubles in a Pacific atoll town. Water Policy, 2008, 10, 613-637.	1.5	22
24	Urban agriculture and related water supply: Explorations and discussion. Habitat International, 2014, 42, 273-280.	5.8	22
25	Application of the Water Needs Index: Can Tho City, Mekong Delta, Vietnam. Journal of Hydrology, 2012, 468-469, 203-212.	5.4	19
26	What is technology adoption? Exploring the agricultural research value chain for smallholder farmers in Lao PDR. Agriculture and Human Values, 2020, 37, 17-32.	3.0	19
27	Exploring the need for rainwater tank maintenance: survey, review and simulations. Water Science and Technology: Water Supply, 2013, 13, 191-201.	2.1	17
28	Water use, sanitation and health in a fragmented urban water system: case study and household survey. Urban Water Journal, 2014, 11, 198-210.	2.1	17
29	Willingness to Pay for Rainwater Tank Features: A Post-Drought Analysis of Sydney Water Users. Water (Switzerland), 2018, 10, 1199.	2.7	17
30	Understanding the impact of hybrid water supply systems on wastewater and stormwater flows. Resources, Conservation and Recycling, 2018, 130, 82-94.	10.8	16
31	Exploring methods to minimize the risk of mosquitoes in rainwater harvesting systems. Journal of Hydrology, 2016, 543, 324-329.	5.4	14
32	Self-reported judgements of management and governance issues in stormwater and greywater systems. Journal of Cleaner Production, 2012, 29-30, 144-150.	9.3	13
33	A Bayesian network model to explore practice change by smallholder rice farmers in Lao PDR. Agricultural Systems, 2018, 164, 84-94.	6.1	13
34	Gendered Roles in Agrarian Transition: A Study of Lowland Rice Farming in Lao PDR. Sustainability, 2020, 12, 5403.	3.2	13
35	Embedding sustainability into a utility's business culture. Journal - American Water Works Association, 2012, 104, E121.	0.3	12
36	Citizensâ€™ perception of the resilience of Australian cities. Sustainability Science, 2017, 12, 345-364.	4.9	12

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37	Perceived performance of decentralised water systems: a survey approach. Water Science and Technology: Water Supply, 2011, 11, 516-526.	2.1	11
38	Assessing the likelihood of realizing idealized goals: The case of urban water strategies. Environmental Modelling and Software, 2012, 35, 50-60.	4.5	11
39	Application of image analysis to evaluate the flocculation process. Journal of Water Supply: Research and Technology - AQUA, 2006, 55, 453-459.	1.4	10
40	Urbanization and Water Development in the Pacific Islands. Development, 2008, 51, 49-55.	1.0	10
41	Vulnerability of water services in Pacific Island countries: combining methodologies and judgment. Water Science and Technology, 2009, 60, 1621-1631.	2.5	10
42	Investigation of pump and pump switch failures in rainwater harvesting systems. Journal of Hydrology, 2016, 538, 208-215.	5.4	10
43	Business model in the context of Sustainable Urban Water Management - A comparative assessment between two urban regions in Australia and Germany. Utilities Policy, 2016, 41, 148-159.	4.0	8
44	Exploring water conservation behaviour through participatory agent-based modelling. , 2007, , 73-96.		8
45	Transdisciplinary agricultural research in Lao PDR. Journal of Rural Studies, 2019, 72, 216-227.	4.7	6
46	Transformative Approaches for Sustainable Water Management in the Urban Century. Water (Switzerland), 2019, 11, 1106.	2.7	4
47	Myths of the City. Sustainability Science, 2017, 12, 611-620.	4.9	3
48	The role of business models and transitional pressures in attaining sustainable urban water management. Urban Water Journal, 2017, 14, 868-875.	2.1	3
49	A Game-Based Approach to Exploring Gender Differences in Smallholder Decisions to Change Farming Practices: White Rice Production in Laos. Sustainability, 2020, 12, 6594.	3.2	3
50	Estimating the effect of climate on water demand: Towards strategic policy analysis. Australian Journal of Water Resources, 2009, 13, 81-94.	2.7	2
51	Participatory assessment of water developments in an atoll town. , 2008, , 381-403.		1