Steven j Kenway

List of Publications by Year
in descending order

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55	1,968	293460	286692
papers	citations	24 h-index	43 g-index

57	57	57	2394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	What roles do architectural design and on-site water servicing technologies play in the water performance of residential infill?. Water Research, 2022, 213, 118109.	5.3	3
2	A review of the water-related energy consumption of the food system in nexus studies. Journal of Cleaner Production, 2021, 279, 123414.	4.6	30
3	Integrated operational and life-cycle modelling of energy, carbon and cost for building faÃ§ades. Journal of Cleaner Production, 2021, 286, 125370.	4.6	12
4	Site-scale Urban Water Mass Balance Assessment (SUWMBA) to quantify water performance of urban design-technology-environment configurations. Water Research, 2021, 188, 116477.	5.3	11
5	Liveability and its interpretation in urban water management: Systematic literature review. Cities, 2021, 113, 103154.	2.7	8
6	A multi-regional input-output analysis of direct and virtual urban water flows to reduce city water footprints in Australia. Sustainable Cities and Society, 2021, 75, 103236.	5.1	26
7	Urban water security priorities â€“ an Australian industry perspective. Water Science and Technology: Water Supply, 2021, 21, 710-722.	1.0	2
8	The Transition to Improved Water-Related Energy Management: Enabling Contexts for Policy Innovation. Water (Switzerland), 2020, 12, 557.	1.2	3
9	Global socio-economic losses and environmental gains from the Coronavirus pandemic. PLoS ONE, 2020, 15, e0235654.	1.1	218
10	Quantification of renewable electricity generation in the Australian water industry. Journal of Cleaner Production, 2020, 254, 120119.	4.6	26
11	Defining water-related energy for global comparison, clearer communication, and sharper policy. Journal of Cleaner Production, 2019, 236, 117502.	4.6	25
12	Urban water metabolism information for planning water sensitive city-regions. Land Use Policy, 2019, 88, 104144.	2.5	21
13	Integrated Urban Water Systems. , 2019, , 287-304.		2
14	Economic damage and spillovers from a tropical cyclone. Natural Hazards and Earth System Sciences, 2019, 19, 137-151.	1.5	42
15	Dynamic simulation of showers to understand water-related energy in households. Energy and Buildings, 2019, 192, 45-62.	3.1	11
16	Energy intensity and embodied energy flow in Australia: An input-output analysis. Journal of Cleaner Production, 2019, 226, 357-368.	4.6	49
17	How scale and technology influence the energy intensity of water recycling systems-An analytical review. Journal of Cleaner Production, 2019, 215, 1457-1480.	4.6	32
18	Integrated Project Risk Management for Residential Recycled-Water Schemes in Australia. Journal of Management in Engineering - ASCE, 2019, 35, 04018063.	2.6	10

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19	Understanding urban water performance at the city-region scale using an urban water metabolism evaluation framework. Water Research, 2018, 137, 395-406.	5.3	33
20	Integrated intelligent water-energy metering systems and informatics: Visioning a digital multi-utility service provider. Environmental Modelling and Software, 2018, 105, 94-117.	1.9	71
21	Urban Metabolism of Bangalore City: A Water Mass Balance Analysis. Journal of Industrial Ecology, 2018, 22, 1413-1424.	2.8	28
22	The Australian industrial ecology virtual laboratory and multi-scale assessment of buildings and construction. Energy and Buildings, 2018, 164, 14-20.	3.1	19
23	Energy implications of the millennium drought on urban water cycles in Southeast Australian cities. Water Science and Technology: Water Supply, 2018, 18, 214-221.	1.0	5
24	Urban water security - what does it mean?. Urban Water Journal, 2018, 15, 899-910.	1.0	25
25	The effect of water demand management in showers on household energy use. Journal of Cleaner Production, 2017, 157, 177-189.	4.6	20
26	City-scale analysis of water-related energy identifies more cost-effective solutions. Water Research, 2017, 109, 287-298.	5.3	17
27	Regional-scale variability of cold water temperature: Implications for household water-related energy demand. Resources, Conservation and Recycling, 2017, 124, 107-115.	5.3	3
28	Urban water metabolism indicators derived from a water mass balance â€“ Bridging the gap between visions and performance assessment of urban water resource management. Water Research, 2017, 122, 669-677.	5.3	46
29	New multi-regional inputâ€“output databases for Australia â€“ enabling timely and flexible regional analysis. Economic Systems Research, 2017, 29, 275-295.	1.2	59
30	Expert opinion on risks to the long-term viability of residential recycled water schemes: An Australian study. Water Research, 2017, 120, 133-145.	5.3	12
31	Energy use for water provision in cities. Journal of Cleaner Production, 2017, 143, 699-709.	4.6	109
32	Life-cycle energy impacts for adapting an urban water supply system to droughts. Water Research, 2017, 127, 139-149.	5.3	13
33	Virtual Special Issue on â€œFood-Energy-Water Nexusâ€•Call for Papers. Resources, Conservation and Recycling, 2017, 126, A8-A9.	5.3	1
34	Connecting land-use and water planning: Prospects for an urban water metabolism approach. Cities, 2017, 60, 13-27.	2.7	47
35	Evaluation Approaches for Advancing Urban Water Goals. Journal of Industrial Ecology, 2017, 21, 995-1009.	2.8	24
36	Why do residential recycled water schemes fail? A comprehensive review of risk factors and impact on objectives. Water Research, 2016, 102, 271-281.	5.3	39

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37	Comparison of water-energy trajectories of two major regions experiencing water shortage. Journal of Environmental Management, 2016, 181, 403-412.	3.8	31
38	A metabolism perspective on alternative urban water servicing options using water mass balance. Water Research, 2016, 106, 415-428.	5.3	35
39	Household analysis identifies water-related energy efficiency opportunities. Energy and Buildings, 2016, 131, 21-34.	3.1	19
40	Understanding Australian household water-related energy use and identifying physical and human characteristics of major end uses. Journal of Cleaner Production, 2016, 135, 892-906.	4.6	44
41	Quantifying and managing urban water-related energy use systemically: case study lessons from Australia. International Journal of Water Resources Development, 2016, 32, 379-397.	1.2	21
42	How Does Energy Efficiency Affect Urban Water Systems?. Global Issues in Water Policy, 2015, , 615-631.	0.1	2
43	A systemic framework and analysis of urban water energy. Environmental Modelling and Software, 2015, 73, 272-285.	1.9	51
44	Water and energy futures for Melbourne: implications of land use, water use, and water supply strategy. Journal of Water and Climate Change, 2014, 5, 163-175.	1.2	10
45	Compiling and using inputâ€“output frameworks through collaborative virtual laboratories. Science of the Total Environment, 2014, 485-486, 241-251.	3.9	151
46	The research-policy nexus in climate change adaptation: experience from the urban water sector in South East Queensland, Australia. Regional Environmental Change, 2014, 14, 449-461.	1.4	12
47	The water impacts of climate change mitigation measures. Climatic Change, 2014, 125, 209-220.	1.7	47
48	Water-related energy in households: A model designed to understand the current state and simulate possible measures. Energy and Buildings, 2013, 58, 378-389.	3.1	60
49	Managing water-related energy in future cities â€“ a research and policy roadmap. Journal of Water and Climate Change, 2013, 4, 161-175.	1.2	23
50	Quantifying waterâ€“energy links and related carbon emissions in cities. Journal of Water and Climate Change, 2011, 2, 247-259.	1.2	45
51	Urban Water Mass Balance Analysis. Journal of Industrial Ecology, 2011, 15, 693-706.	2.8	70
52	THE INS AND OUTS OF WATER USE â€“ A REVIEW OF MULTI-REGION INPUTâ€“OUTPUT ANALYSIS AND WATER FOOTPRINTS FOR REGIONAL SUSTAINABILITY ANALYSIS AND POLICY. Economic Systems Research, 2011, 23, 353-370.	1.2	103
53	The connection between water and energy in cities: a review. Water Science and Technology, 2011, 63, 1983-1990.	1.2	140
54	Management of the urban energy-water nexus. , 0, , 141-154.		0

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55	Community perspectives on sustainable urban water security. Urban Water Journal, 0, , 1-11.	1.0	1