

# Rodney A Stewart

## List of Publications by Year in descending order

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216  
papers

7,247  
citations

44444

50  
h-index

90395

73  
g-index

219  
all docs

219  
docs citations

219  
times ranked

5834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examining transition pathways to construction innovation in Russia: a system dynamics approach. <i>International Journal of Construction Management</i> , 2022, 22, 556-578.	2.2	6
2	Examining wind energy deployment pathways in complex macro-economic and political settings using a fuzzy cognitive map-based method. <i>Energy</i> , 2022, 238, 121673.	4.5	17
3	Visioning a framework for effective environmental management of deep-sea polymetallic nodule mining: Drivers, barriers, and enablers. <i>Journal of Cleaner Production</i> , 2022, 337, 130487.	4.6	4
4	Cyanobacteria species dominance and diversity in three Australian drinking water reservoirs. <i>Hydrobiologia</i> , 2022, 849, 1453-1469.	1.0	7
5	Chlorophyll and phycocyanin in-situ fluorescence in mixed cyanobacterial species assemblages: Effects of morphology, cell size and growth phase. <i>Water Research</i> , 2022, 212, 118127.	5.3	13
6	Developing a framework for assessing the readiness of entities in the construction industry in addressing modern slavery. <i>Sustainable Production and Consumption</i> , 2022, 31, 139-151.	5.7	5
7	Commercial building indoor environmental quality models: A critical review. <i>Energy and Buildings</i> , 2022, 263, 112033.	3.1	12
8	Exploring residential solar PV and battery energy storage adoption motivations and barriers in a mature PV market. <i>Renewable Energy</i> , 2022, 190, 684-698.	4.3	23
9	Challenges, opportunities, and strategies for undertaking integrated precinct-scale energy-water system planning. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112297.	8.2	10
10	A critical review on tackling complex rare earth supply security problem. <i>Resources Policy</i> , 2022, 77, 102697.	4.2	8
11	Hybrid three-dimensional modelling for reservoir fluorescent dissolved organic matter risk assessment. <i>Inland Waters</i> , 2022, 12, 463-476.	1.1	0
12	How the decision to accept or reject PV affects the behaviour of residential battery system adopters. <i>Applied Energy</i> , 2022, 318, 119194.	5.1	9
13	Automation of species-specific cyanobacteria phycocyanin fluorescence compensation using machine learning classification. <i>Ecological Informatics</i> , 2022, 69, 101669.	2.3	1
14	Optimisation modelling tools and solving techniques for integrated precinct-scale energy-water system planning. <i>Applied Energy</i> , 2022, 318, 119190.	5.1	4
15	Digitisation of Existing Water Facilities: A Framework for Realising the Value of Scan-to-BIM. <i>Sustainability</i> , 2022, 14, 6142.	1.6	4
16	Global Research Trends on Building Indoor Environmental Quality Modelling and Indexing Systems—A Scientometric Review. <i>Energies</i> , 2022, 15, 4494.	1.6	5
17	Mapping the Complex Journey of Swimming Pool Contaminants: A Multi-Method Systems Approach. <i>Water (Switzerland)</i> , 2022, 14, 2062.	1.2	4
18	Mapping Roofing with Asbestos-Containing Material by Using Remote Sensing Imagery and Machine Learning-Based Image Classification: A State-of-the-Art Review. <i>Sustainability</i> , 2022, 14, 8068.	1.6	9

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19	Bayesian Network revealing evidence-based strategies to enhance the performance of building envelope openings subject to wind-driven rain. <i>Journal of Building Engineering</i> , 2021, 33, 101565.	1.6	2
20	Is there a green premium in the green bond market? Systematic literature review revealing premium determinants. <i>Journal of Cleaner Production</i> , 2021, 280, 124491.	4.6	136
21	Green building, split-incentives and affordable rental housing policy. <i>Housing Studies</i> , 2021, 36, 23-45.	1.6	11
22	Costs and Benefits Data Mapping of BIM Laser Scan Integration: A Case Study in Australia. <i>Sustainable Civil Infrastructures</i> , 2021, , 385-392.	0.1	1
23	Intelligence-assisted predesign for the sustainable recycling of lithium-ion batteries and beyond. <i>Energy and Environmental Science</i> , 2021, 14, 5801-5815.	15.6	59
24	Integrated modelling and management of manganese for a conventional potable water treatment plant. <i>Journal of Water Process Engineering</i> , 2021, 39, 101860.	2.6	4
25	Adaptive Management of Deep-sea Mining Projects: A Systems Approach. <i>Integrated Environmental Assessment and Management</i> , 2021, , .	1.6	4
26	Finding Nano: Challenges Involved in Monitoring the Presence and Fate of Engineered Titanium Dioxide Nanoparticles in Aquatic Environments. <i>Water (Switzerland)</i> , 2021, 13, 734.	1.2	19
27	Examining green affordable housing policy outcomes in Australia: A systems approach. <i>Journal of Cleaner Production</i> , 2021, 293, 126212.	4.6	9
28	Comparative environmental life cycle assessment of alternative osmotic and mixing dilution desalination system configurations. <i>Desalination</i> , 2021, 504, 114963.	4.0	19
29	An Environmental and Societal Analysis of the US Electrical Energy Industry Based on the Water-Energy Nexus. <i>Energies</i> , 2021, 14, 2633.	1.6	7
30	Effect of Cross-Departmental Collaboration on Performance: Evidence from the Federal Highway Administration. <i>Sustainability</i> , 2021, 13, 6024.	1.6	5
31	Dynamic modelling of Australian rooftop solar photovoltaic product stewardship transition. <i>Waste Management</i> , 2021, 127, 18-29.	3.7	9
32	Evaluating coral reef ecosystem services outcomes from climate change adaptation strategies using integrative system dynamics. <i>Journal of Environmental Management</i> , 2021, 285, 112082.	3.8	9
33	Building Compelling Business Cases for Digital Water Metering. <i>Journal - American Water Works Association</i> , 2021, 113, 64-75.	0.2	1
34	Critical review of system dynamics modelling applications for water resources planning and management. <i>Cleaner Environmental Systems</i> , 2021, 2, 100031.	2.2	34
35	Application of Eye Tracking Technology in Aviation, Maritime, and Construction Industries: A Systematic Review. <i>Sensors</i> , 2021, 21, 4289.	2.1	33
36	Residential solar photovoltaic adoption behaviour: End-to-end review of theories, methods and approaches. <i>Renewable Energy</i> , 2021, 170, 471-486.	4.3	42

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37	Light-induced fluorescence quenching leads to errors in sensor measurements of phytoplankton chlorophyll and phycocyanin. <i>Water Research</i> , 2021, 198, 117133.	5.3	23
38	Advanced household profiling using digital water meters. <i>Journal of Environmental Management</i> , 2021, 288, 112377.	3.8	10
39	Coupled data-driven and process-based model for fluorescent dissolved organic matter prediction in a shallow subtropical reservoir. <i>Environmental Modelling and Software</i> , 2021, 141, 105053.	1.9	3
40	Effects of Supply Chain Characteristics on E-Procurement Institutionalization in the Construction Sector. <i>International Journal of Enterprise Information Systems</i> , 2021, 17, 85-96.	0.6	0
41	Beyond the Diffusion of Residential Solar Photovoltaic Systems at Scale: Allegorising the Battery Energy Storage Adoption Behaviour. <i>Energies</i> , 2021, 14, 5015.	1.6	7
42	A three-dimensional manganese model for the management of a monomictic drinking water reservoir. <i>Environmental Modelling and Software</i> , 2021, 146, 105213.	1.9	2
43	Taxonomy and model for valuing the contribution of digital water meters to sustainability objectives. <i>Journal of Environmental Management</i> , 2021, 293, 112846.	3.8	5
44	A clustering solution for analyzing residential water consumption patterns. <i>Knowledge-Based Systems</i> , 2021, 233, 107522.	4.0	11
45	Offsite construction supply chain strategies for matching affordable rental housing demand: A system dynamics approach. <i>Sustainable Cities and Society</i> , 2021, 73, 103093.	5.1	21
46	Unravelling the relationship between energy and indoor environmental quality in Australian office buildings. <i>Solar Energy</i> , 2021, 227, 190-202.	2.9	12
47	Drivers and barriers to the deployment of pumped hydro energy storage applications: Systematic literature review. <i>Cleaner Engineering and Technology</i> , 2021, 5, 100281.	2.1	27
48	Towards understanding the anticipated customer benefits of digital water metering. <i>Urban Water Journal</i> , 2021, 18, 137-150.	1.0	7
49	Residential Solar Water Heater Adoption Behaviour: A Review of Economic and Technical Predictors and Their Correlation with the Adoption Decision. <i>Energies</i> , 2021, 14, 6630.	1.6	9
50	Enhancing Innovativeness in the Construction Sector: A System Dynamics Analysis. <i>Advances in Science, Technology and Innovation</i> , 2021, , 41-46.	0.2	1
51	R3SOLVE: A Serious Game to Support End-of-Life Rooftop Solar Panel Waste Management. <i>Sustainability</i> , 2021, 13, 12418.	1.6	5
52	Achieving career satisfaction through fostering innovation: lessons from the engineering profession in the Australian public sector. <i>Engineering Management in Production and Services</i> , 2021, 13, 7-21.	0.5	2
53	Adaptation strategies for coral reef ecosystems in Small Island Developing States: Integrated modelling of local pressures and long-term climate changes. <i>Journal of Cleaner Production</i> , 2020, 253, 119864.	4.6	11
54	Monitoring Approaches for Faecal Indicator Bacteria in Water: Visioning a Remote Real-Time Sensor for E. coli and Enterococci. <i>Water (Switzerland)</i> , 2020, 12, 2591.	1.2	8

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55	Renewable energy and energy conservation area policy (REECAP) framework: A novel methodology for bottom-up and top-down principles integration. <i>Energy Strategy Reviews</i> , 2020, 32, 100544.	3.3	9
56	Using AHP technique to evaluate the situation of construction e-procurement institutionalization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 869, 062049.	0.3	1
57	Life cycle cost of dilution desalination in off-grid locations: A study of water reuse integrated with seawater desalination technology. <i>Desalination</i> , 2020, 491, 114584.	4.0	18
58	Mapping long-term coral reef ecosystems regime shifts: A small island developing state case study. <i>Science of the Total Environment</i> , 2020, 716, 137024.	3.9	17
59	Systems approach to end-of-life management of residential photovoltaic panels and battery energy storage system in Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110176.	8.2	14
60	Development of a Real-Time, Mobile Nitrate Monitoring Station for High-Frequency Data Collection. <i>Sustainability</i> , 2020, 12, 5780.	1.6	8
61	Exploring Macroporosity of Additively Manufactured Titanium Metamaterials for Bone Regeneration with Quality by Design: A Systematic Literature Review. <i>Materials</i> , 2020, 13, 4794.	1.3	22
62	Numerical Study of the Hydrodynamic and Sediment Transport Process in a Subtropical Water Reservoir: the Impacts of Storms and Winds. <i>Environmental Modeling and Assessment</i> , 2020, 25, 843-860.	1.2	4
63	Numerical study of the thermal structure of a stratified temperate monomictic drinking water reservoir. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100699.	1.0	9
64	Determining the relative importance of titania nanotubes characteristics on bone implant surface performance: A quality by design study with a fuzzy approach. <i>Materials Science and Engineering C</i> , 2020, 114, 110995.	3.8	33
65	Expert Opinion Valuation Method to Quantify Digital Water Metering Benefits. <i>Water (Switzerland)</i> , 2020, 12, 1436.	1.2	6
66	Machine Learning and Data Analytic Techniques in Digital Water Metering: A Review. <i>Water (Switzerland)</i> , 2020, 12, 294.	1.2	44
67	Developing a Preliminary Causal Loop Diagram for Understanding the Wicked Complexity of the COVID-19 Pandemic. <i>Systems</i> , 2020, 8, 20.	1.2	77
68	Predictors, taxonomy of predictors, and correlations of predictors with the decision behaviour of residential solar photovoltaics adoption: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 123, 109749.	8.2	105
69	Quality by Design for industry translation: Three-dimensional risk assessment failure mode, effects, and criticality analysis for additively manufactured patient-specific implants. <i>Engineering Reports</i> , 2020, 2, e12113.	0.9	5
70	Bayesian network revealing pathways to workplace innovation and career satisfaction in the public service. <i>Journal of Management Analytics</i> , 2020, 7, 253-280.	1.6	19
71	Applying Mixed Methods Sequential Explanatory Design to Innovation Management. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 485-495.	0.3	5
72	A systematic literature review of forecasting and predictive models for cyanobacteria blooms in freshwater lakes. <i>Water Research</i> , 2020, 182, 115959.	5.3	137

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73	Next Generation Machine Learning for Urban Water Management. <i>Water E-Journal</i> , 2020, 5, 1-7.	0.2	4
74	Integrating Lifecycle Thinking in Asset Management Through BIM: Opportunities for the Water Sector. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 81-88.	0.3	1
75	Data Mining to Uncover Heterogeneous Water Use Behaviors From Smart Meter Data. <i>Water Resources Research</i> , 2019, 55, 9315-9333.	1.7	53
76	Predicting Household Water Consumption Events: Towards a Personalised Recommender System to Encourage Water-conscious Behaviour. , 2019, , .		6
77	Development of 18 Quality Control Gates for Additive Manufacturing of Error Free Patient-Specific Implants. <i>Materials</i> , 2019, 12, 3110.	1.3	16
78	End-of-life management of solar photovoltaic and battery energy storage systems: A stakeholder survey in Australia. <i>Resources, Conservation and Recycling</i> , 2019, 150, 104444.	5.3	34
79	Facilitating industry translation of custom 3d printed bone prostheses and scaffolds through Quality by Design. <i>Procedia Manufacturing</i> , 2019, 30, 284-291.	1.9	9
80	Drivers and barriers to innovation in the Australian public service: A qualitative thematic analysis. <i>Engineering Management in Production and Services</i> , 2019, 11, 7-22.	0.5	22
81	Revealing Unreported Benefits of Digital Water Metering: Literature Review and Expert Opinions. <i>Water (Switzerland)</i> , 2019, 11, 838.	1.2	37
82	Spatial Bayesian Network for predicting sea level rise induced coastal erosion in a small Pacific Island. <i>Journal of Environmental Management</i> , 2019, 238, 341-351.	3.8	40
83	Collaborating for Sustainable Water and Energy Management: Assessment and Categorisation of Indigenous Involvement in Remote Australian Communities. <i>Sustainability</i> , 2019, 11, 427.	1.6	17
84	Analysis of the Mixing Processes in a Shallow Subtropical Reservoir and Their Effects on Dissolved Organic Matter. <i>Water (Switzerland)</i> , 2019, 11, 737.	1.2	8
85	A novel voltage stability and quality index demonstrated on a low voltage distribution network with multifunctional energy storage systems. <i>Electric Power Systems Research</i> , 2019, 171, 264-282.	2.1	22
86	Identifying and Overcoming Barriers to Collaborative Sustainable Water Governance in Remote Australian Indigenous Communities. <i>Water (Switzerland)</i> , 2019, 11, 2410.	1.2	16
87	Innovation diffusion process in the Australian construction industry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 652, 012001.	0.3	2
88	Digital Multi-Utility Data for Contemporaneous Water-Electricity-Gas End Use Categorization. , 2019, , .		1
89	Drivers, barriers and enablers to end-of-life management of solar photovoltaic and battery energy storage systems: A systematic literature review. <i>Journal of Cleaner Production</i> , 2019, 211, 537-554.	4.6	148
90	Government championed strategies to overcome the barriers to public building energy efficiency retrofit projects. <i>Sustainable Cities and Society</i> , 2019, 44, 56-69.	5.1	87

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91	Integrated intelligent water-energy metering systems and informatics: Visioning a digital multi-utility service provider. <i>Environmental Modelling and Software</i> , 2018, 105, 94-117.	1.9	71
92	Re-engineering traditional urban water management practices with smart metering and informatics. <i>Environmental Modelling and Software</i> , 2018, 101, 256-267.	1.9	74
93	Knowing maintenance vulnerabilities to enhance building resilience. <i>Procedia Engineering</i> , 2018, 212, 1273-1278.	1.2	5
94	Evaluating a novel tiered scarcity adjusted water budget and pricing structure using a holistic systems modelling approach. <i>Journal of Environmental Management</i> , 2018, 215, 79-90.	3.8	22
95	Role of financial mechanisms for accelerating the rate of water and energy efficiency retrofits in Australian public buildings: Hybrid Bayesian Network and System Dynamics modelling approach. <i>Applied Energy</i> , 2018, 210, 409-419.	5.1	58
96	Residential solar water heaters in Brisbane, Australia: Key performance parameters and indicators. <i>Renewable Energy</i> , 2018, 116, 120-132.	4.3	16
97	Identifying and understanding the drivers of high water consumption in remote Australian Aboriginal and Torres Strait Island communities. <i>Journal of Cleaner Production</i> , 2018, 172, 2425-2434.	4.6	16
98	Guidelines, barriers and strategies for energy and water retrofits of public buildings. <i>Journal of Cleaner Production</i> , 2018, 174, 1064-1078.	4.6	55
99	An adaptive model for the autonomous monitoring and management of water end use. <i>Smart Water</i> , 2018, 3, .	3.1	11
100	Enhancing Residential Water End Use Pattern Recognition Accuracy Using Self-Organizing Maps and K-Means Clustering Techniques: Autoflow v3.1. <i>Water (Switzerland)</i> , 2018, 10, 1221.	1.2	17
101	Creating a Novel Multi-Layered Integrative Climate Change Adaptation Planning Approach Using a Systematic Literature Review. <i>Sustainability</i> , 2018, 10, 4100.	1.6	19
102	Multi-Parameter Compensation Method for Accurate In Situ Fluorescent Dissolved Organic Matter Monitoring and Properties Characterization. <i>Water (Switzerland)</i> , 2018, 10, 1146.	1.2	25
103	An Integrated Participatory Systems Modelling Approach: Application to Construction Innovation. <i>Systems</i> , 2018, 6, 33.	1.2	18
104	Pathways to workplace innovation and career satisfaction in the public service. <i>International Journal of Organizational Analysis</i> , 2018, 26, 890-914.	1.6	44
105	Application of quality by design for 3D printed bone prostheses and scaffolds. <i>PLoS ONE</i> , 2018, 13, e0195291.	1.1	53
106	Transitioning to smart sustainable tourist accommodation: Service innovation results. <i>Journal of Cleaner Production</i> , 2018, 201, 599-608.	4.6	23
107	Renewable hydropower generation as a co-benefit of balanced urban water portfolio management and flood risk mitigation. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 1076-1087.	8.2	28
108	Examining the potential for energy-positive bulk-water infrastructure to provide long-term urban water security: A systems approach. <i>Journal of Cleaner Production</i> , 2017, 143, 557-566.	4.6	21

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109	Medium-term storage volume prediction for optimum reservoir management: A hybrid data-driven approach. <i>Journal of Cleaner Production</i> , 2017, 154, 353-365.	4.6	15
110	Aggregated applications and benefits of energy storage systems with application-specific control methods: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 75, 719-741.	8.2	62
111	Reprint of: Smart meter enabled informatics for economically efficient diversified water supply infrastructure planning. <i>Journal of Cleaner Production</i> , 2017, 163, S138-S147.	4.6	6
112	Exploring leadership styles for innovation: an exploratory factor analysis. <i>Engineering Management in Production and Services</i> , 2017, 9, 7-17.	0.5	25
113	Workplace Innovation: Exploratory and Confirmatory Factor Analysis for Construct Validation. <i>Management and Production Engineering Review</i> , 2017, 8, 57-68.	1.4	16
114	Energy storage system utilisation to increase photovoltaic penetration in low voltage distribution feeders. <i>Journal of Energy Storage</i> , 2017, 14, 329-347.	3.9	17
115	Reprint of: The potential role of desalination in managing flood risks from dam overflows: the case of Sydney, Australia. <i>Journal of Cleaner Production</i> , 2017, 163, S125-S137.	4.6	0
116	Smart Technologies in Reducing Carbon Emission. , 2017, , .		5
117	Influence of safety motivation and climate on safety behaviour and outcomes: evidence from the Saudi Arabian construction industry. <i>International Journal of Occupational Safety and Ergonomics</i> , 2017, 23, 60-75.	1.1	65
118	Strategic Evaluation Tool for Surface Water Quality Management Remedies in Drinking Water Catchments. <i>Water (Switzerland)</i> , 2017, 9, 738.	1.2	5
119	Statistical Data Analysis of Culture for Innovation Using an Open Data Set from the Australian Public Service. <i>Lecture Notes in Computer Science</i> , 2017, , 78-89.	1.0	6
120	Achieving energy efficiency in government buildings through mandatory policy and program enforcement. <i>Frontiers of Engineering Management</i> , 2017, 4, 92.	3.3	8
121	Paradigm shift to enhanced water supply planning through augmented grids, scarcity pricing and adaptive factory water: A system dynamics approach. <i>Environmental Modelling and Software</i> , 2016, 75, 348-361.	1.9	77
122	Model of the Russian Federation Construction Innovation System: An Integrated Participatory Systems Approach. <i>Systems</i> , 2016, 4, 29.	1.2	14
123	Modelling the impacts of water efficient technologies on energy intensive water systems in remote and isolated communities. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1713-1723.	2.1	16
124	Mapping the construction innovation system in the russian federation: Conceptual model development. , 2016, , .		0
125	Demand-side management for supply-side efficiency: Modeling tailored strategies for reducing peak residential water demand. <i>Sustainable Production and Consumption</i> , 2016, 6, 1-11.	5.7	42
126	State-of-the-art review revealing a roadmap for public building water and energy efficiency retrofit projects. <i>International Journal of Sustainable Built Environment</i> , 2016, 5, 526-548.	3.2	35



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127	Statistical analysis and modelling of the manganese cycle in the subtropical Advancetown Lake, Australia. <i>Journal of Hydrology: Regional Studies</i> , 2016, 8, 69-81.	1.0	3
128	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.	1.9	6
129	The potential role of desalination in managing flood risks from dam overflows: the case of Sydney, Australia. <i>Journal of Cleaner Production</i> , 2016, 135, 342-355.	4.6	12
130	Smart meter enabled informatics for economically efficient diversified water supply infrastructure planning. <i>Journal of Cleaner Production</i> , 2016, 135, 1023-1033.	4.6	33
131	A new droop characteristic for energy storage system dispatch commands generation. , 2016, , .		0
132	Hybrid water treatment cost prediction model for raw water intake optimization. <i>Environmental Modelling and Software</i> , 2016, 75, 230-242.	1.9	18
133	Optimising Residential Water Heating System Performance to Minimise Water-Energy Penalties. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2016, 4, 161-172.	0.9	8
134	Data-driven recursive inputâ€“output multivariate statistical forecasting model: case of DO concentration prediction in Advancetown Lake, Australia. <i>Journal of Hydroinformatics</i> , 2015, 17, 817-833.	1.1	9
135	Applicability of load forecasting techniques for customer energy storage control systems. , 2015, , .		7
136	Construction innovation diffusion in the Russian Federation. <i>Construction Innovation</i> , 2015, 15, 278-312.	1.5	54
137	Novel bottom-up urban water demand forecasting model: Revealing the determinants, drivers and predictors of residential indoor end-use consumption. <i>Resources, Conservation and Recycling</i> , 2015, 95, 15-37.	5.3	73
138	Air source heat pump water heaters in residential buildings in Australia: Identification of key performance parameters. <i>Energy and Buildings</i> , 2015, 91, 148-162.	3.1	39
139	Analysis of the mixing processes in the subtropical Advancetown Lake, Australia. <i>Journal of Hydrology</i> , 2015, 522, 67-79.	2.3	22
140	Drought and Desalination: Melbourne water supply and development choices in the twenty-first century. <i>Desalination and Water Treatment</i> , 2015, 55, 2278-2295.	1.0	20
141	Development of a three-phase battery energy storage scheduling and operation system for low voltage distribution networks. <i>Applied Energy</i> , 2015, 146, 122-134.	5.1	59
142	Bridging the Water Supplyâ€“demand Gap in Australia: Coupling Water Demand Efficiency with Rain-independent Desalination Supply. <i>Water Resources Management</i> , 2015, 29, 253-272.	1.9	26
143	Intelligent autonomous system for residential water end use classification: Autoflow. <i>Applied Soft Computing Journal</i> , 2015, 31, 118-131.	4.1	59
144	An autonomous decision support system for manganese forecasting in subtropical water reservoirs. <i>Environmental Modelling and Software</i> , 2015, 73, 133-147.	1.9	19

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145	Long-term water supply planning in an Australian coastal city: Dams or desalination?. Desalination, 2015, 358, 61-68.	4.0	33
146	Smart meter enabled water end-use demand data: platform for the enhanced infrastructure planning of contemporary urban water supply networks. Journal of Cleaner Production, 2015, 87, 642-654.	4.6	70
147	Water security through scarcity pricing and reverse osmosis: a system dynamics approach. Journal of Cleaner Production, 2015, 88, 160-171.	4.6	111
148	Economic, Social and Environmental Dimensions of PHEV in the Smart Grid. , 2015, , 223-252.		1
149	What does rebounding water use look like? An examination of post-drought and post-flood water end-use demand in Queensland, Australia. Water Science and Technology: Water Supply, 2014, 14, 561-568.	1.0	18
150	Developing a comprehensive safety performance evaluation framework for Saudi schools. International Journal of Productivity and Performance Management, 2014, 63, 446-476.	2.2	13
151	Autoregressive with Exogenous Variables and Neural Network Short-Term Load Forecast Models for Residential Low Voltage Distribution Networks. Energies, 2014, 7, 2938-2960.	1.6	61
152	Identifying Residential Water End Uses Underpinning Peak Day and Peak Hour Demand. Journal of Water Resources Planning and Management - ASCE, 2014, 140, .	1.3	83
153	Determining the causal relationships among balanced scorecard perspectives on school safety performance: Case of Saudi Arabia. Accident Analysis and Prevention, 2014, 68, 57-74.	3.0	41
154	Smart meters for enhanced water supply network modelling and infrastructure planning. Resources, Conservation and Recycling, 2014, 90, 34-50.	5.3	64
155	Residential water heaters in Brisbane, Australia: Thinking beyond technology selection to enhance energy efficiency and level of service. Energy and Buildings, 2014, 82, 222-236.	3.1	36
156	Energy intensity of rainwater harvesting systems: A review. Renewable and Sustainable Energy Reviews, 2014, 34, 225-242.	8.2	128
157	Forecasting low voltage distribution network demand profiles using a pattern recognition based expert system. Energy, 2014, 67, 200-212.	4.5	45
158	An autonomous and intelligent expert system for residential water end-use classification. Expert Systems With Applications, 2014, 41, 342-356.	4.4	45
159	Water and energy nexus of residential rainwater tanks at an end use level: Case of Australia. Energy and Buildings, 2014, 80, 195-207.	3.1	29
160	Intelligent data mining of vertical profiler readings to predict manganese concentrations in water reservoirs. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 541-552.	0.6	6
161	Autonomous VPS-based Manganese Prediction System for Sub-tropical Water Reservoirs. Procedia Engineering, 2014, 89, 206-212.	1.2	1
162	Smart metering: enabler for rapid and effective post meter leakage identification and water loss management. Journal of Cleaner Production, 2013, 54, 166-176.	4.6	163

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163	End use water consumption in households: impact of socio-demographic factors and efficient devices. <i>Journal of Cleaner Production</i> , 2013, 60, 107-115.	4.6	233
164	Novel autoregressive basis structure model for short-term forecasting of customer electricity demand. , 2013, , .		3
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