

# James D Ward

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,882  
citations

331538

21  
h-index

276775

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204.	1.3	29
2	Grand Challenges in Urban Agriculture: Ecological and Social Approaches to Transformative Sustainability. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	14
3	Assessing Reliability of Recycled Water in Wicking Beds for Sustainable Urban Agriculture. <i>Earth</i> , 2021, 2, 468-484.	0.9	1
4	Grounding global environmental assessments through bottom-up futures based on local practices and perspectives. <i>Sustainability Science</i> , 2021, 16, 1907-1922.	2.5	22
5	Projecting the global impact of fossil fuel production from the Former Soviet Union. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 1208-1226.	2.7	7
6	Experimental investigation of wicking bed irrigation using shallow-rooted crops grown under glasshouse conditions. <i>Irrigation Science</i> , 2020, 38, 117-129.	1.3	5
7	Going beyond Gross Domestic Product as an indicator to bring coherence to the Sustainable Development Goals. <i>Journal of Cleaner Production</i> , 2020, 248, 119232.	4.6	83
8	Renewable Energy Equivalent Footprint (REEF): A Method for Envisioning a Sustainable Energy Future. <i>Energies</i> , 2020, 13, 6160.	1.6	6
9	End-of-Pipe Horticultural Reuse of Recirculating Aquaculture System Effluent: Comparing the Hydro-Economics of Two Horticulture Systems. <i>Water (Switzerland)</i> , 2020, 12, 1409.	1.2	3
10	Productivity, resource efficiency and financial savings: An investigation of the current capabilities and potential of South Australian home food gardens. <i>PLoS ONE</i> , 2020, 15, e0230232.	1.1	22
11	A Statistically Rigorous Approach to Experimental Design of Vertical Living Walls for Green Buildings. <i>Urban Science</i> , 2019, 3, 71.	1.1	8
12	A Comparison of Plant Growth Rates between an NFT Hydroponic System and an NFT Aquaponic System. <i>Horticulturae</i> , 2019, 5, 27.	1.2	23
13	The Role of Green Roofs and Living Walls as WSUD Approaches in a Dry Climate. , 2019, , 409-430.		3
14	Blue-Green Water Nexus in Aquaculture for Resilience to Climate Change. <i>Reviews in Fisheries Science and Aquaculture</i> , 2018, 26, 139-154.	5.1	13
15	Beyond Productivity: Considering the Health, Social Value and Happiness of Home and Community Food Gardens. <i>Urban Science</i> , 2018, 2, 97.	1.1	23
16	Vertical greenery systems: A systematic review of research trends. <i>Building and Environment</i> , 2018, 146, 226-237.	3.0	95
17	A Semi-Systematic Review of Capillary Irrigation: The Benefits, Limitations, and Opportunities. <i>Horticulturae</i> , 2018, 4, 23.	1.2	26
18	Water Use Efficiency in Urban Food Gardens: Insights from a Systematic Review and Case Study. <i>Horticulturae</i> , 2018, 4, 27.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Typically Diverse: The Nature of Urban Agriculture in South Australia. <i>Sustainability</i> , 2018, 10, 945.	1.6	13
20	Optimising Crop Selection for Small Urban Food Gardens in Dry Climates. <i>Horticulturae</i> , 2017, 3, 33.	1.2	8
21	Aquaponics in Urban Agriculture: Social Acceptance and Urban Food Planning. <i>Horticulturae</i> , 2017, 3, 39.	1.2	18
22	Evaluating the Efficiency of Wicking Bed Irrigation Systems for Small-Scale Urban Agriculture. <i>Horticulturae</i> , 2016, 2, 13.	1.2	14
23	Is Decoupling GDP Growth from Environmental Impact Possible?. <i>PLoS ONE</i> , 2016, 11, e0164733.	1.1	292
24	A Revised Brackish Water Aquifer Storage and Recovery (ASR) Site Selection Index for Water Resources Management. <i>Water Resources Management</i> , 2016, 30, 2465-2481.	1.9	19
25	Can urban agriculture usefully improve food resilience? Insights from a linear programming approach. <i>Journal of Environmental Studies and Sciences</i> , 2015, 5, 699-711.	0.9	9
26	Projection of Iron Ore Production. <i>Natural Resources Research</i> , 2015, 24, 317-327.	2.2	20
27	Improving the performance of Ground Coupled Heat Exchangers in unsaturated soils. <i>Energy and Buildings</i> , 2015, 104, 323-335.	3.1	25
28	Projection of world fossil fuels by country. <i>Fuel</i> , 2015, 141, 120-135.	3.4	445
29	Towards a rational sustainability framework. <i>Sustainability Science</i> , 2015, 10, 515-520.	2.5	4
30	Optimising diet decisions and urban agriculture using linear programming. <i>Food Security</i> , 2014, 6, 701-718.	2.4	26
31	Helium Production and Possible Projection. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 130-144.	0.8	18
32	Can integrated aquaculture-agriculture (IAA) produce "more crop per drop"? <i>Food Security</i> , 2014, 6, 767-779.	2.4	48
33	High estimates of supply constrained emissions scenarios for long-term climate risk assessment. <i>Energy Policy</i> , 2012, 51, 598-604.	4.2	27
34	Vulnerability Indicators of Sea Water Intrusion. <i>Ground Water</i> , 2012, 50, 48-58.	0.7	159
35	Comment on Fossil-fuel constraints on global warming by A. Zecca and L. Chiari [ <i>Energy Policy</i> 38 (2010) 1-3]. <i>Energy Policy</i> , 2011, 39, 7464-7466.	4.2	6
36	Current Practice and Future Challenges in Coastal Aquifer Management: Flux-Based and Trigger-Level Approaches with Application to an Australian Case Study. <i>Water Resources Management</i> , 2011, 25, 1831-1853.	1.9	68

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37	Effect of transient solute loading on free convection in porous media. Water Resources Research, 2010, 46, .	1.7	25
38	Integrated assessment of lateral flow, density effects and dispersion in aquifer storage and recovery. Journal of Hydrology, 2009, 370, 83-99.	2.3	80
39	Insights from a pseudospectral approach to the Elder problem. Water Resources Research, 2009, 45, .	1.7	33
40	Variable-density modelling of multiple-cycle aquifer storage and recovery (ASR): Importance of anisotropy and layered heterogeneity in brackish aquifers. Journal of Hydrology, 2008, 356, 93-105.	2.3	45
41	Improving the worthiness of the Elder problem as a benchmark for buoyancy driven convection models. Nature Precedings, 2008, , .	0.1	0
42	A theoretical analysis of mixed convection in aquifer storage and recovery: How important are density effects?. Journal of Hydrology, 2007, 343, 169-186.	2.3	66
43	On variable density surface waterâ€“groundwater interaction: A theoretical analysis of mixed convection in a stably-stratified fresh surface water â€“ saline groundwater discharge zone. Journal of Hydrology, 2006, 329, 390-402.	2.3	22