

Gregory M Morrison

List of Publications by Year in descending order

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106
papers

4,791
citations

109321

35
h-index

98798

67
g-index

107
all docs

107
docs citations

107
times ranked

3859
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Knowledge and Process Gaps from a Systematic Literature Review of Net-Zero Definitions. Sustainability, 2022, 14, 3057.	3.2	12
2	Rooftop PV and the Renewable Energy Transition; a Review of Driving Forces and Analytical Frameworks. Sustainability, 2021, 13, 5613.	3.2	13
3	A systematic review and meta-analysis of building automation systems. Building and Environment, 2021, 195, 107770.	6.9	28
4	Investigating the embodied energy and carbon of buildings: A systematic literature review and meta-analysis of life cycle assessments. Renewable and Sustainable Energy Reviews, 2021, 143, 110935.	16.4	64
5	A Rapid Review on Community Connected Microgrids. Sustainability, 2021, 13, 6753.	3.2	6
6	Circular Economy and Virtual Reality in Advanced BIM-Based Prefabricated Construction. Energies, 2021, 14, 4065.	3.1	35
7	Design for disassembly, deconstruction and resilience: A circular economy index for the built environment. Resources, Conservation and Recycling, 2021, 175, 105847.	10.8	44
8	Interconnections: An Analysis of Disassemblable Building Connection Systems towards a Circular Economy. Buildings, 2021, 11, 535.	3.1	9
9	A Systematic Literature Review of Partnership Development at the University-Industry-Government Nexus. Sustainability, 2021, 13, 13780.	3.2	8
10	Smart technology needs smarter management: Disentangling the dynamics of digitalism in the governance of shared solar energy in Australia. Energy Research and Social Science, 2020, 60, 101322.	6.4	37
11	Shared Solar and Battery Storage Configuration Effectiveness for Reducing the Grid Reliance of Apartment Complexes. Energies, 2020, 13, 4820.	3.1	11
12	The potential contribution of building codes to climate change response policies for the built environment. Energy Efficiency, 2020, 13, 789-807.	2.8	16
13	Performance of a shared solar and battery storage system in an Australian apartment building. Energy and Buildings, 2020, 225, 110321.	6.7	37
14	The Discrepancy between As-Built and As-Designed in Energy Efficient Buildings: A Rapid Review. Sustainability, 2020, 12, 6372.	3.2	8
15	Energy Allocation Strategies for Common Property Load Connected to Shared Solar and Battery Storage Systems in Strata Apartments. Energies, 2020, 13, 6137.	3.1	5
16	Strategic Decisions for Sustainable Management at Significant Tourist Sites. Sustainability, 2020, 12, 8988.	3.2	0
17	Is peer-to-peer electricity trading empowering users? Evidence on motivations and roles in a prosumer business model trial in Australia. Energy Research and Social Science, 2020, 66, 101500.	6.4	76
18	Changes to household practices pre- and post-occupancy in an Australian low-carbon development. Sustainable Production and Consumption, 2020, 22, 147-161.	11.0	16

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19	Exploring environmental benefits of reuse and recycle practices: A circular economy case study of a modular building. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104855.	10.8	113
20	Historical transitions of Western Australia's electricity system, 1880-2016. <i>Environmental Innovation and Societal Transitions</i> , 2020, 34, 151-164.	5.5	9
21	Radiosity from Individual Urban Landscape Elements Measured Using a Modified Low-Cost Temperature Sensor. <i>Urban Science</i> , 2020, 4, 14.	2.3	0
22	Ecological Urban Planning and Design: A Systematic Literature Review. <i>Sustainability</i> , 2019, 11, 3723.	3.2	74
23	Pre- and Post-Occupancy Evaluation of Resident Motivations for and Experiences of Establishing a Home in a Low-Carbon Development. <i>Sustainability</i> , 2019, 11, 3970.	3.2	8
24	Seasonal and Diurnal Surface Temperatures of Urban Landscape Elements. <i>Sustainability</i> , 2019, 11, 5280.	3.2	9
25	Household Energy and Water Practices Change Post-Occupancy in an Australian Low-Carbon Development. <i>Sustainability</i> , 2019, 11, 5559.	3.2	15
26	Understanding Resource Consumption in the Home, Community and Society through Behaviour and Social Practice Theories. <i>Sustainability</i> , 2019, 11, 6513.	3.2	17
27	Modified iButtons: A Low-Cost Instrument to Measure the Albedo of Landscape Elements. <i>Sustainability</i> , 2019, 11, 6896.	3.2	4
28	Behavioral Facilitation of a Transition to Energy Efficient and Low-Carbon Residential Buildings. <i>Buildings</i> , 2019, 9, 226.	3.1	5
29	Agent-based modelling and socio-technical energy transitions: A systematic literature review. <i>Energy Research and Social Science</i> , 2019, 49, 41-52.	6.4	125
30	Enablers of an Electricity System Transition. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 464-477.	0.6	0
31	Potential for Peer-to-Peer Trading of Energy Based on the Home System of Practice. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 478-486.	0.6	0
32	The home as a system of practice and its implications for energy and water metabolism. <i>Sustainable Production and Consumption</i> , 2018, 13, 48-59.	11.0	27
33	The influence of design and everyday practices on individual heating and cooling behaviour in residential homes. <i>Energy Efficiency</i> , 2018, 11, 273-293.	2.8	28
34	Influencing energy and water use within a home system of practice. <i>Energy and Buildings</i> , 2018, 158, 848-860.	6.7	17
35	Strategies for Applying the Circular Economy to Prefabricated Buildings. <i>Buildings</i> , 2018, 8, 125.	3.1	125
36	Analysis of the transition effects of building codes and regulations on the emergence of a low carbon residential building sector. <i>Energy and Buildings</i> , 2017, 156, 40-50.	6.7	24

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37	Unraveling everyday heating practices in residential homes. <i>Energy Procedia</i> , 2017, 121, 198-205.	1.8	14
38	Co-creation in Living Labs. , 2017, , 169-178.		5
39	Business Models for Sustainability in Living Labs. , 2017, , 391-403.		2
40	Living Labs to Accelerate Innovation. , 2017, , 55-61.		2
41	The Storyline for the Design Process that Shaped the HSB Living Lab. , 2017, , 113-129.		0
42	Quantification of Goods Purchases and Waste Generation at the Level of Individual Households. <i>Journal of Industrial Ecology</i> , 2014, 18, 227-241.	5.5	13
43	Estimation of Measurement Uncertainties for the DGT Passive Sampler Used for Determination of Copper in Water. <i>International Journal of Analytical Chemistry</i> , 2014, 2014, 1-7.	1.0	9
44	Evaluation of a passive sampler for the speciation of metals in urban runoff water. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 2233.	3.5	8
45	Performance of a passive sampler for the determination of time averaged concentrations of nitrate and phosphate in water. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 955.	3.5	17
46	Prediction of water and wastewater networks rehabilitation based current age and material distribution. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 227-237.	2.1	5
47	Replacement predictions for drinking water networks through historical data. <i>Water Research</i> , 2012, 46, 2149-2158.	11.3	22
48	Iron-modified light expanded clay aggregates for the removal of arsenic(V) from groundwater. <i>Microchemical Journal</i> , 2008, 88, 7-13.	4.5	69
49	Environmental Relevance of the Platinum-Group Elements. <i>Elements</i> , 2008, 4, 259-263.	0.5	84
50	Consumer trust and confidence: some recent ideas in the literature. <i>Water Science and Technology: Water Supply</i> , 2008, 8, 43-48.	2.1	5
51	Chapter 9 Monitoring of priority pollutants in water using chemcatcher passive sampling devices. <i>Comprehensive Analytical Chemistry</i> , 2007, 48, 199-229.	1.3	37
52	Characteristics of arsenic adsorption to sorghum biomass. <i>Journal of Hazardous Materials</i> , 2007, 145, 30-35.	12.4	78
53	An assessment framework for urban water systems – a new approach combining environmental systems with service supply and consumer perspectives. <i>Alliance for Global Sustainability Bookseries</i> , 2007, , 559-577.	0.2	2
54	Regional and Global Transport of Platinum Group Elements from Automobile Catalysts. , 2006, , 295-305.		1

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55	Distribution of Palladium, Platinum and Rhodium in Birds of Prey. , 2006, , 537-547.		0
56	Speciation of Platinum, Palladium, Gold and Rhodium. , 2005, , 327-337.		0
57	Use of hydride generation-atomic absorption spectrometry to determine the effects of hard ions, iron salts and humic substances on arsenic sorption to sorghum biomass. <i>Microchemical Journal</i> , 2005, 81, 57-60.	4.5	19
58	Passive sampling techniques for monitoring pollutants in water. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 845-868.	11.4	681
59	Platinum Group Element Concentrations and Osmium Isotopic Composition in Urban Airborne Particles from Boston, Massachusetts. <i>Environmental Science & Technology</i> , 2005, 39, 9464-9470.	10.0	66
60	Importance of Automobile Exhaust Catalyst Emissions for the Deposition of Platinum, Palladium, and Rhodium in the Northern Hemisphere. <i>Environmental Science & Technology</i> , 2005, 39, 8156-8162.	10.0	140
61	Performance optimisation of a passive sampler for monitoring hydrophobic organic pollutants in water. <i>Journal of Environmental Monitoring</i> , 2005, 7, 612.	2.1	63
62	Micrometer-Resolved Binding of Lead to Iron in Urban River Sediments. <i>Australian Journal of Chemistry</i> , 2004, 57, 921.	0.9	3
63	Environmental routes for platinum group elements to biological materials—a review. <i>Science of the Total Environment</i> , 2004, 334-335, 21-38.	8.0	193
64	Platinum group elements in raptor eggs, faeces, blood, liver and kidney. <i>Science of the Total Environment</i> , 2004, 334-335, 149-159.	8.0	78
65	Short-Term Toxicity and Binding of Platinum to Freshwater Periphyton Communities. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 290-6.	4.1	15
66	Impact of ageing on the distribution of platinum group elements and catalyst poisoning elements in automobile catalysts. <i>Surface and Interface Analysis</i> , 2003, 35, 354-359.	1.8	38
67	Metal diffusion properties of a Nafion-coated porous membrane in an aquatic passive sampler system. <i>Journal of Environmental Monitoring</i> , 2003, 5, 404-409.	2.1	19
68	Impact of automobile emissions on the levels of platinum and lead in Accra, Ghana. <i>Journal of Environmental Monitoring</i> , 2003, 5, 91-95.	2.1	41
69	Performance of an in situ passive sampling system for metals in stormwater. <i>Journal of Environmental Monitoring</i> , 2002, 4, 258-262.	2.1	28
70	Scanning laser ablation-ICP-MS tracking of platinum group elements in urban particles. <i>Science of the Total Environment</i> , 2002, 286, 243-251.	8.0	67
71	Platinum Group Elements in the Feathers of Raptors and Their Prey. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 338-347.	4.1	50
72	A life cycle assessment based procedure for development of environmental sustainability indicators for urban water systems. <i>Urban Water</i> , 2002, 4, 145-152.	0.5	180

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73	Ammonia Removal from Oil Refinery Effluent in Vertical Upflow Macrophyte Column Systems. <i>Water, Air, and Soil Pollution</i> , 2002, 135, 237-247.	2.4	15
74	Bioaccumulation of palladium, platinum and rhodium from urban particulates and sediments by the freshwater isopod <i>Asellus aquaticus</i> . <i>Water Research</i> , 2001, 35, 4175-4183.	11.3	169
75	Diffusional behaviour of metals in a passive sampling system for monitoring aquatic pollution. <i>Journal of Environmental Monitoring</i> , 2001, 3, 639-645.	2.1	50
76	Heterogeneity of Platinum Group Metals in Airborne Particles. <i>Environmental Science & Technology</i> , 2001, 35, 595-599.	10.0	135
77	Determination of palladium, platinum and rhodium concentrations in urban road sediments by laser ablation-ICP-MS. <i>Analytica Chimica Acta</i> , 2001, 436, 233-244.	5.4	89
78	The EU network on trace element speciation in full swing. <i>TrAC - Trends in Analytical Chemistry</i> , 2000, 19, 210-214.	11.4	7
79	Development of a novel passive sampling system for the time-averaged measurement of a range of organic pollutants in aquatic environments. <i>Journal of Environmental Monitoring</i> , 2000, 2, 487-495.	2.1	220
80	Critical assessment of platinum group element determination in road and urban river sediments using ultrasonic nebulisation and high resolution ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 329-334.	3.0	102
81	Elemental Association and Fingerprinting of Traffic-Related Metals in Road Sediments. <i>Environmental Science & Technology</i> , 2000, 34, 3119-3123.	10.0	71
82	Platinum uptake by the freshwater isopod <i>Asellus Aquaticus</i> in urban rivers. <i>Science of the Total Environment</i> , 1999, 235, 261-268.	8.0	101
83	Ammonia Removal Processes for Urine in an Upflow Macrophyte System. <i>Environmental Science & Technology</i> , 1997, 31, 3314-3317.	10.0	31
84	Determination of copper speciation in freshwater samples through SPE-spectrophotometry. <i>Analytica Chimica Acta</i> , 1997, 343, 259-266.	5.4	50
85	Copper(I)/copper(II) reactions in an urban river. <i>Science of the Total Environment</i> , 1996, 189-190, 327-333.	8.0	8
86	Contact toxicity of metals in sewage sludge: evaluation of alternatives to sodium chloride in the microtox [®] assay. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 17-22.	4.3	31
87	A Mercury-Free Microwave Method for the Chemical Oxygen Demand Analysis of Sewage. <i>International Journal of Environmental Analytical Chemistry</i> , 1995, 59, 69-78.	3.3	10
88	Toxicity of Copper in the Presence of Organic Substances in Sewage Sludge. <i>Environmental Technology (United Kingdom)</i> , 1995, 16, 243-251.	2.2	22
89	The gully pot as a biochemical reactor. <i>Water Science and Technology</i> , 1995, 31, 229-236.	2.5	9
90	Platinum analysis and speciation in urban gullypots. <i>Analytica Chimica Acta</i> , 1994, 284, 587-592.	5.4	79

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91	Inhibition of bacterial enzyme activity and luminescence by urban river sediments. <i>Science of the Total Environment</i> , 1994, 146-147, 141-147.	8.0	4
92	Platinum in road dusts and urban river sediments. <i>Science of the Total Environment</i> , 1994, 146-147, 169-174.	8.0	88
93	Effect of stormwater runoff on metal distribution in the sediment and interstitial waters of an urban river. <i>Environmental Technology (United Kingdom)</i> , 1993, 14, 1057-1064.	2.2	14
94	Fractionation and toxicity of metals in sewage sludge. <i>Environmental Technology (United Kingdom)</i> , 1992, 13, 751-759.	2.2	30
95	Determination of trace element speciation and the role of speciation in aquatic toxicity. <i>Science of the Total Environment</i> , 1992, 125, 1-13.	8.0	89
96	Bacterial enzyme activity and metal speciation in urban river sediments. <i>Hydrobiologia</i> , 1992, 235-236, 597-603.	2.0	11
97	Electroanalysis and Chemometrics of Speciation of Natural Waters. <i>Analytical Proceedings</i> , 1991, 28, 58.	0.4	6
98	The effects of complexing agents and surfactants on the deposition and stripping processes in differential pulse anodic stripping voltammetry of metals at the hanging mercury drop electrode. <i>Electroanalysis</i> , 1990, 2, 9-14.	2.9	31
99	Influence of complexing agents and surfactants on metal speciation analysis in road runoff. <i>Science of the Total Environment</i> , 1990, 93, 481-488.	8.0	8
100	Determination of platinum in blood by adsorptive voltammetry. <i>Analytical Chemistry</i> , 1990, 62, 1637-1640.	6.5	106
101	Comparison of physicochemical speciation procedures with metal toxicity to <i>Chlorella pyrenoidosa</i> . Copper complexation capacity. <i>Electroanalysis</i> , 1989, 1, 107-112.	2.9	25
102	Electrochemical speciation analysis of metals at membrane-coated electrodes. <i>Electroanalysis</i> , 1989, 1, 485-491.	2.9	27
103	Sources and storm loading variations of metal species in a gullypot catchment. <i>Science of the Total Environment</i> , 1989, 80, 267-278.	8.0	19
104	Comparison of physicochemical speciation procedures with metal toxicity to <i>Chlorella pyrenoidosa</i> . <i>Analytica Chimica Acta</i> , 1988, 209, 97-109.	5.4	20
105	Transport mechanisms and processes for metal species in a gullypot system. <i>Water Research</i> , 1988, 22, 1417-1427.	11.3	30
106	Heavy metal partitioning between the dissolved and suspended solid phases of stormwater runoff from a residential area. <i>Science of the Total Environment</i> , 1984, 33, 287.	8.0	1