

# Benjamin Craig McLellan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4694799/publications.pdf>

Version: 2024-02-01

165  
papers

6,681  
citations

66234

42  
h-index

74018

75  
g-index

169  
all docs

169  
docs citations

169  
times ranked

6228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Costs and carbon emissions for geopolymers in comparison to ordinary portland cement. <i>Journal of Cleaner Production</i> , 2011, 19, 1080-1090.	4.6	1,221
2	Total material requirement for the global energy transition to 2050: A focus on transport and electricity. <i>Resources, Conservation and Recycling</i> , 2019, 148, 91-103.	5.3	164
3	Hydrogen from coal: Production and utilisation technologies. <i>International Journal of Coal Geology</i> , 2006, 65, 213-222.	1.9	140
4	Substitution effect of New-Energy Vehicle Credit Program and Corporate Average Fuel Consumption Regulation for Green-car Subsidy. <i>Energy</i> , 2018, 152, 223-236.	4.5	140
5	Optimization of shared autonomous electric vehicles operations with charge scheduling and vehicle-to-grid. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 100, 34-52.	3.9	134
6	Factors influencing the economics of public charging infrastructures for EV – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 500-509.	8.2	133
7	100% renewable energy system in Japan: Smoothing and ancillary services. <i>Applied Energy</i> , 2018, 224, 698-707.	5.1	130
8	Recycling mechanisms and policy suggestions for spent electric vehicles' power battery -A case of Beijing. <i>Journal of Cleaner Production</i> , 2018, 186, 388-406.	4.6	126
9	Prioritizing mitigation efforts considering co-benefits, equity and energy justice: Fossil fuel to renewable energy transition pathways. <i>Applied Energy</i> , 2018, 219, 187-198.	5.1	124
10	A review of the pricing mechanisms for district heating systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 42, 56-65.	8.2	113
11	China's coal consumption declining – Impermanent or permanent?. <i>Resources, Conservation and Recycling</i> , 2018, 129, 307-313.	5.3	109
12	Residential solar PV policy: An analysis of impacts, successes and failures in the Australian case. <i>Renewable Energy</i> , 2016, 86, 1265-1279.	4.3	106
13	The social-economic-environmental impacts of recycling retired EV batteries under reward-penalty mechanism. <i>Applied Energy</i> , 2019, 251, 113313.	5.1	104
14	Modeling shared autonomous electric vehicles: Potential for transport and power grid integration. <i>Energy</i> , 2018, 158, 148-163.	4.5	97
15	Incorporating sustainable development in the design of mineral processing operations – Review and analysis of current approaches. <i>Journal of Cleaner Production</i> , 2009, 17, 1414-1425.	4.6	95
16	Renewable energy in the minerals industry: a review of global potential. <i>Journal of Cleaner Production</i> , 2012, 32, 32-44.	4.6	92
17	Sustainability of Rare Earths – An Overview of the State of Knowledge. <i>Minerals (Basel, Switzerland)</i> , 2013, 3, 304-317.	0.8	92
18	Substitution effect of renewable portfolio standards and renewable energy certificate trading for feed-in tariff. <i>Applied Energy</i> , 2018, 227, 426-435.	5.1	90

#	ARTICLE	IF	CITATIONS
19	Scenario analysis on future electricity supply and demand in Japan. <i>Energy</i> , 2012, 38, 376-385.	4.5	89
20	Energy modeling approach to the global energy-mineral nexus: Exploring metal requirements and the well-below 2°C target with 100 percent renewable energy. <i>Applied Energy</i> , 2018, 225, 1158-1175.	5.1	86
21	Integration of PV power into future low-carbon smart electricity systems with EV and HP in Kansai Area, Japan. <i>Renewable Energy</i> , 2012, 44, 99-108.	4.3	85
22	A review of photovoltaic poverty alleviation projects in China: Current status, challenge and policy recommendations. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 214-223.	8.2	85
23	Clean coal use in China: Challenges and policy implications. <i>Energy Policy</i> , 2015, 87, 517-523.	4.2	82
24	Comparison of embodied energies of Ordinary Portland Cement with Bayer-derived geopolymers products. <i>Journal of Cleaner Production</i> , 2015, 99, 112-118.	4.6	81
25	An integrated model for long-term power generation planning toward future smart electricity systems. <i>Applied Energy</i> , 2013, 112, 1424-1437.	5.1	77
26	Post-disaster resilience of a 100% renewable energy system in Japan. <i>Energy</i> , 2014, 68, 756-764.	4.5	72
27	Implications of paradigm shift in Japan's electricity security of supply: A multi-dimensional indicator assessment. <i>Applied Energy</i> , 2014, 123, 424-434.	5.1	71
28	Hydrogen production and utilisation opportunities for Australia. <i>International Journal of Hydrogen Energy</i> , 2005, 30, 669-679.	3.8	70
29	Resilience, Sustainability and Risk Management: A Focus on Energy. <i>Challenges</i> , 2012, 3, 153-182.	0.9	66
30	Responsible mineral and energy futures: views at the nexus. <i>Journal of Cleaner Production</i> , 2014, 84, 322-338.	4.6	64
31	Energy modeling approach to the global energy-mineral nexus: A first look at metal requirements and the 2°C target. <i>Applied Energy</i> , 2017, 207, 494-509.	5.1	63
32	Sustainability of the Rare Earths Industry. <i>Procedia Environmental Sciences</i> , 2014, 20, 280-287.	1.3	62
33	Analysis of Potential for Critical Metal Resource Constraints in the International Energy Agency's Long-Term Low-Carbon Energy Scenarios. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 156.	0.8	57
34	Sustainable Energy Transitions in China: Renewable Options and Impacts on the Electricity System. <i>Energies</i> , 2016, 9, 980.	1.6	53
35	Study on the promotion impact of demand response on distributed PV penetration by using non-cooperative game theoretical analysis. <i>Applied Energy</i> , 2017, 185, 1869-1878.	5.1	52
36	Coordination of tradable carbon emission permits market and renewable electricity certificates market in China. <i>Energy Economics</i> , 2021, 93, 105038.	5.6	52

#	ARTICLE	IF	CITATIONS
37	A methodology for economic and environmental analysis of electric vehicles with different operational conditions. <i>Energy</i> , 2013, 61, 118-127.	4.5	50
38	Product carbon footprint and energy analysis of alternative coffee products in Japan. <i>Journal of Cleaner Production</i> , 2014, 73, 310-321.	4.6	48
39	Study on crowdfunding's promoting effect on the expansion of electric vehicle charging piles based on game theory analysis. <i>Applied Energy</i> , 2017, 196, 238-248.	5.1	47
40	Indirect network effects in China's electric vehicle diffusion under phasing out subsidies. <i>Applied Energy</i> , 2019, 251, 113350.	5.1	47
41	Efficient and equitable allocation of renewable portfolio standards targets among China's provinces. <i>Energy Policy</i> , 2019, 125, 170-180.	4.2	47
42	Investment strategy for underground gas storage facilities based on real option model considering gas market reform in China. <i>Energy Economics</i> , 2018, 70, 132-142.	5.6	46
43	Dynamic optimization management of the dual-credit policy for passenger vehicles. <i>Journal of Cleaner Production</i> , 2020, 249, 119384.	4.6	45
44	Dilemmas for China: Energy, Economy and Environment. <i>Sustainability</i> , 2015, 7, 5508-5520.	1.6	42
45	Designing backcasting scenarios for resilient energy futures. <i>Technological Forecasting and Social Change</i> , 2017, 124, 114-125.	6.2	42
46	Study on the impacts of sharing business models on economic performance of distributed PV-Battery systems. <i>Energy</i> , 2018, 161, 544-558.	4.5	42
47	Multi-objective optimization of a multiregional electricity system in an archipelagic state: The role of renewable energy in energy system sustainability. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 423-439.	8.2	41
48	Analysis of Japan's post-Fukushima energy strategy. <i>Energy Strategy Reviews</i> , 2013, 2, 190-198.	3.3	40
49	Sustainable smart city development framework for developing countries. <i>Urban Research and Practice</i> , 2020, 13, 180-212.	1.2	40
50	Proposing an evaluation framework for energy policy making incorporating equity: Applications in Australia. <i>Energy Research and Social Science</i> , 2016, 21, 54-69.	3.0	39
51	Global Metal Use Targets in Line with Climate Goals. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12476-12483.	4.6	39
52	Incorporating sustainable development principles into minerals processing design and operation: SUSOPÁ®. <i>Minerals Engineering</i> , 2010, 23, 175-181.	1.8	38
53	Economic and environmental analysis of power generation expansion in Japan considering Fukushima nuclear accident using a multi-objective optimization model. <i>Energy</i> , 2012, 44, 986-995.	4.5	38
54	Estimating Residential Electricity Consumption in Nigeria to Support Energy Transitions. <i>Sustainability</i> , 2018, 10, 1440.	1.6	37

#	ARTICLE	IF	CITATIONS
55	The Role of Renewable Energy Resources in Sustainability of Water Desalination as a Potential Fresh-Water Source: An Updated Review. <i>Sustainability</i> , 2020, 12, 5233.	1.6	37
56	Trade-off analysis between embodied energy exports and employment creation in China. <i>Journal of Cleaner Production</i> , 2016, 134, 310-319.	4.6	36
57	Quantitative assessment of the environmental risks of geothermal energy: A review. <i>Journal of Environmental Management</i> , 2020, 276, 111287.	3.8	35
58	Review on the petroleum market in China: history, challenges and prospects. <i>Petroleum Science</i> , 2020, 17, 1779-1794.	2.4	35
59	Risk reduction through early assessment and integration of sustainability in design in the minerals industry. <i>Journal of Cleaner Production</i> , 2013, 53, 37-46.	4.6	34
60	Environmental impacts of shale gas development in China: A hybrid life cycle analysis. <i>Resources, Conservation and Recycling</i> , 2017, 120, 38-45.	5.3	34
61	Policy simulation for promoting residential PV considering anecdotal information exchanges based on social network modelling. <i>Applied Energy</i> , 2018, 223, 1-10.	5.1	34
62	Investment strategy of hydrothermal geothermal heating in China under policy, technology and geology uncertainties. <i>Journal of Cleaner Production</i> , 2019, 207, 17-29.	4.6	34
63	Electric and hydrogen rail: Potential contribution to net zero in the UK. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102523.	3.2	34
64	Fuel cells, hydrogen and energy supply in Australia. <i>Journal of Power Sources</i> , 2004, 131, 1-12.	4.0	33
65	Comparative evaluation and policy analysis for recycling retired EV batteries with different collection modes. <i>Applied Energy</i> , 2021, 303, 117614.	5.1	32
66	The Synergies of Shared Autonomous Electric Vehicles with Renewable Energy in a Virtual Power Plant and Microgrid. <i>Energies</i> , 2018, 11, 2016.	1.6	31
67	Will China's trade restructuring reduce CO2 emissions embodied in international exports?. <i>Journal of Cleaner Production</i> , 2017, 161, 1094-1103.	4.6	29
68	Critical Minerals and Energy's Impacts and Limitations of Moving to Unconventional Resources. <i>Resources</i> , 2016, 5, 19.	1.6	28
69	Integrating Circular Economy Strategies with Low-Carbon Scenarios: Lithium Use in Electric Vehicles. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11657-11665.	4.6	28
70	Investment decision on shallow geothermal heating & cooling based on compound options model: A case study of China. <i>Applied Energy</i> , 2019, 254, 113655.	5.1	27
71	Evaluating the global impact of low-carbon energy transitions on social equity. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 332-347.	2.5	27
72	Geography, urbanization and lock-in considerations for sustainable transitions to decentralized energy systems. <i>Journal of Cleaner Production</i> , 2016, 128, 77-96.	4.6	26

#	ARTICLE	IF	CITATIONS
73	Embodied impacts of traditional clay versus modern concrete houses in a tropical regime. <i>Building and Environment</i> , 2012, 57, 362-369.	3.0	25
74	Promotion policies for third party financing in Photovoltaic Poverty Alleviation projects considering social reputation. <i>Journal of Cleaner Production</i> , 2019, 211, 350-359.	4.6	25
75	Strength and microstructural evolution of alkali-activated slag-based cemented paste backfill: Coupled effects of activator composition and temperature. <i>Powder Technology</i> , 2022, 401, 117322.	2.1	25
76	Corrective regulations on renewable energy certificates trading: Pursuing an equity-efficiency trade-off. <i>Energy Economics</i> , 2019, 80, 970-982.	5.6	24
77	Optimizing the energy and water conservation synergy in China: 2007–2012. <i>Journal of Cleaner Production</i> , 2018, 175, 8-17.	4.6	23
78	Sustainable Development: A Review of Theoretical Contributions. <i>International Journal of Sustainable Future for Human Security</i> , 2013, 1, 40-48.	0.1	23
79	Economic feasibility of tidal stream and wave power in post-Fukushima Japan. <i>Renewable Energy</i> , 2017, 114, 32-45.	4.3	22
80	A critical social perspective on deep sea mining: Lessons from the emergent industry in Japan. <i>Ocean and Coastal Management</i> , 2020, 193, 105242.	2.0	22
81	Supply risk evolution of raw materials for batteries and fossil fuels for selected OECD countries (2000–2018). <i>Resources Policy</i> , 2022, 75, 102465.	4.2	22
82	Potential opportunities and impacts of a hydrogen economy for the Australian minerals industry. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 3571-3577.	3.8	21
83	Decentralised Energy Futures: The Changing Emissions Reduction Landscape. <i>Procedia CIRP</i> , 2015, 29, 138-143.	1.0	21
84	Strengthening the Energy Policy Making Process and Sustainability Outcomes in the OECD through Policy Design. <i>Administrative Sciences</i> , 2016, 6, 9.	1.5	21
85	Economic Analysis on Repurposed EV batteries in a Distributed PV System under Sharing Business Models. <i>Energy Procedia</i> , 2019, 158, 4304-4310.	1.8	21
86	Review of Japan's power generation scenarios in light of the Fukushima nuclear accident. <i>International Journal of Energy Research</i> , 2014, 38, 539-550.	2.2	20
87	The End of Fossil Fuel Era: Supply-demand Measures through Energy Efficiency. <i>Procedia Environmental Sciences</i> , 2014, 20, 40-45.	1.3	20
88	Multi-region optimal deployment of renewable energy considering different interregional transmission scenarios. <i>Energy</i> , 2016, 108, 108-118.	4.5	20
89	An Integrated Planning Framework for Sustainable Water and Energy Supply. <i>Sustainability</i> , 2020, 12, 4295.	1.6	20
90	The impacts of critical metal shortage on China's electric vehicle industry development and countermeasure policies. <i>Energy</i> , 2022, 248, 123646.	4.5	20

#	ARTICLE	IF	CITATIONS
91	An analysis methodology for integrating renewable and nuclear energy into future smart electricity systems. <i>International Journal of Energy Research</i> , 2012, 36, 1416-1431.	2.2	19
92	A scenario analysis of oil and gas consumption in China to 2030 considering the peak CO2 emission constraint. <i>Petroleum Science</i> , 2016, 13, 370-383.	2.4	19
93	Costs and carbon emissions of shared autonomous electric vehicles in a Virtual Power Plant and Microgrid with renewable energy. <i>Energy Procedia</i> , 2019, 156, 401-405.	1.8	19
94	Engineering-in sustainability through the application of SUSOPÂ®. <i>Chemical Engineering Research and Design</i> , 2012, 90, 98-109.	2.7	18
95	Toward a CO <sub>2</sub> zero emissions energy system in the Middle East region. <i>International Journal of Green Energy</i> , 2016, 13, 682-694.	2.1	18
96	Investment decision on carbon capture and utilization (CCU) technologies – A real option model based on technology learning effect. <i>Applied Energy</i> , 2022, 322, 119514.	5.1	18
97	The impact of dual-credit scheme on the development of the new energy vehicle industry. <i>Energy Procedia</i> , 2019, 158, 4311-4317.	1.8	17
98	Delivering solutions for resource conservation and recycling into project management systems through SUSOPÂ®. <i>Minerals Engineering</i> , 2012, 29, 47-57.	1.8	15
99	The economic synergies of modelling the renewable energy-water nexus towards sustainability. <i>Renewable Energy</i> , 2020, 162, 1347-1366.	4.3	15
100	Catastrophe progression method - path (CPM-PATH) early warning analysis of Chinese rare earths industry security. <i>Resources Policy</i> , 2021, 73, 102161.	4.2	15
101	Sustainability Assessment of Deep Ocean Resources. <i>Procedia Environmental Sciences</i> , 2015, 28, 502-508.	1.3	14
102	Comprehensive Analysis of External Dependency in Terms of Material Criticality by Employing Total Material Requirement: Sulfuric Acid Production in Japan as a Case Study. <i>Minerals (Basel)</i> , 2021, 10, 10297.	10.0	10
103	Japan and the UK: Emission predictions of electric and hydrogen trains to 2050. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 10, 100344.	1.6	14
104	Drivers of global metal footprint during 1995–2013. <i>Journal of Cleaner Production</i> , 2020, 256, 120467.	4.6	12
105	Towards a Low Emission Transport System: Evaluating the Public Health and Environmental Benefits. <i>Energies</i> , 2019, 12, 3747.	1.6	11
106	Recycling schemes and supporting policies modeling for photovoltaic modules considering heterogeneous risks. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106165.	5.3	11
107	Energy dependence with an Asian twist? Examining international energy relations in Southeast Asia. <i>Energy Research and Social Science</i> , 2016, 21, 123-140.	3.0	10
108	An integrated scenario analysis for future zero-carbon energy system. <i>International Journal of Energy Research</i> , 2015, 39, 993-1010.	2.2	9

#	ARTICLE	IF	CITATIONS
109	Provincial Carbon Emissions Reduction Allocation Plan in China Based on Consumption Perspective. Sustainability, 2018, 10, 1342.	1.6	9
110	Environmental Implications of Resource Security Strategies for Critical Minerals: A Case Study of Copper in Japan. Minerals (Basel, Switzerland), 2018, 8, 558.	0.8	8
111	Conception and policy implications of photovoltaic modules end-of-life management in China. Wiley Interdisciplinary Reviews: Energy and Environment, 2021, 10, .	1.9	8
112	Challenges toward achieving a successful hydrogen economy in the US: Potential end-use and infrastructure analysis to the year 2100. Cleaner Production Letters, 2022, 3, 100012.	1.2	8
113	Transport in the minerals industry – Contributions to greenhouse gas emissions and potential for mitigation. Minerals Engineering, 2011, 24, 1430-1439.	1.8	7
114	The impacts of market reform on the market penetration of natural gas-fired electricity and renewable energy in China. Petroleum Science, 2017, 14, 831-841.	2.4	6
115	The impact of social network on the adoption of real-time electricity pricing mechanism. Energy Procedia, 2017, 142, 3154-3159.	1.8	6
116	Introducing Bayer Liquor – Derived Geopolymers. , 2017, , 159-193.		6
117	Study on the Oil Import/Export Quota Allocation Mechanism in China by Using a Dynamic Game-Theoretic Model. Energy Procedia, 2017, 105, 3856-3861.	1.8	5
118	Resource Security Strategies and Their Environmental and Economic Implications: A Case Study of Copper Production in Japan. Energies, 2019, 12, 3021.	1.6	5
119	Optimal analysis for facility configuration and energy management on electric light commercial vehicle charging. Energy, 2022, 246, 123363.	4.5	5
120	Thermodynamic and Economic Analyses of HTGR Cogeneration System Performance at Various Operating Conditions for Proposing Optimized Deployment Scenarios. Journal of Nuclear Science and Technology, 2008, 45, 1316-1325.	0.7	4
121	Assessing Sustainable Regional Energy Systems: A Case Study of Kansai, Japan. Procedia Environmental Sciences, 2014, 20, 12-19.	1.3	4
122	The Minerals-Energy Nexus: Past, Present and Future. Ecoproduction, 2017, , 619-631.	0.8	4
123	Energy modeling approach to the global energy-mineral nexus: A case of fuel cell vehicle. Energy Procedia, 2017, 142, 2361-2364.	1.8	4
124	Evaluation Method for Autonomous Decision-Making Performance in Energy and Environmental Innovations: A Case Study of an Indonesian Community. Sustainability, 2017, 9, 80.	1.6	4
125	Model Predictive Control of a Shared Autonomous Electric Vehicles System with Charge Scheduling and Electricity Price Response. , 2018, , .		4
126	Study of the impacts of upstream natural gas market reform in China on infrastructure deployment and social welfare using an SVM-based rolling horizon stochastic game analysis. Petroleum Science, 2018, 15, 898-911.	2.4	4



#	ARTICLE	IF	CITATIONS
127	â€œDarkâ€•Materials for a Brighter Energy Future. <i>One Earth</i> , 2019, 1, 402-404.	3.6	4
128	Modeling and Policy Study for Information Asymmetry Problem of Photovoltaic Module Quality in China. <i>Emerging Markets Finance and Trade</i> , 2021, 57, 653-667.	1.7	4
129	An integrated, socially equitable design for sustainable water and energy supply in Iran. <i>Energy Research and Social Science</i> , 2021, 81, 102262.	3.0	4
130	Optimizing Location of Bulk Metallic Minerals Processing Based on Greenhouse Gas Avoidance. <i>Minerals (Basel, Switzerland)</i> , 2011, 1, 144-156.	0.8	3
131	Long-Term Planning for Nuclear Powerâ€™s Development in Japan for a Zero-Carbon Electricity Generation System by 2100. <i>Fusion Science and Technology</i> , 2012, 61, 423-427.	0.6	3
132	An Integrated Scenario Analysis for Future Zero-Carbon Energy System. <i>Energy Procedia</i> , 2014, 61, 2801-2804.	1.8	3
133	Modeling Autonomous Decision-Making on Energy and Environmental Management Using Petri-Net: The Case Study of a Community in Bandung, Indonesia. <i>Challenges</i> , 2016, 7, 9.	0.9	3
134	Global Energy-mineral Nexus by Systems Analysis Approaches. <i>Energy Procedia</i> , 2017, 105, 3345-3348.	1.8	3
135	Participatory Design as a Tool for Effective Sustainable Energy Transitions. <i>Ecoproduction</i> , 2017, , 583-599.	0.8	3
136	Investigating Preconditions for Sustainable Renewable Energy Productâ€™Service Systems in Retail Electricity Markets. <i>Energies</i> , 2021, 14, 1877.	1.6	3
137	Resource security strategies and preferences for deep ocean mining from a community survey in Japan. <i>Marine Policy</i> , 2021, 128, 104511.	1.5	3
138	Inter-Comparison of the Long-Run Coefficients between the Both Prices of LNG and Crude Oil of Japan, EU and USA. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2008, 87, 139-145.	0.2	3
139	Streamlining the use of legislated reporting to move to 'life of project' sustainability reporting. <i>International Journal of Mining and Mineral Engineering</i> , 2014, 5, 19.	0.1	2
140	Combined Impacts of RTP and FIT on Optimal Management for a Residential Micro-Grid. <i>Energy Procedia</i> , 2015, 75, 1666-1672.	1.8	2
141	Designing and Evaluating Energy Product-Service Systems for Energy Sector (EPSS) in Liberalized Energy Market: A Case Study in Space Heating Services for Japan Household. <i>Challenges</i> , 2019, 10, 18.	0.9	2
142	Resources-energy-development nexus and its implications for achieving the SDGs in Asia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 361, 012023.	0.2	2
143	Review of mixed-technology vehicle fleet evolution and representation in modelling studies: Policy contexts of Germany and Japan. <i>Energy Policy</i> , 2021, 156, 112287.	4.2	2
144	2050 ASEAN Electricity Demand: Case Study in Indonesia and Cambodia. <i>Green Energy and Technology</i> , 2011, , 32-39.	0.4	2

#	ARTICLE	IF	CITATIONS
145	Study of Hydrogen Station Installation Utilizing Wind Power: Case study in Hokkaido. International Journal of Sustainable Future for Human Security, 2017, 5, 30-38.	0.1	2
146	Environmental impacts and demand-supply balance of minerals for the transition to a low-carbon energy system. International Journal of Smart Grid and Clean Energy, 2020, , 189-197.	0.4	2
147	Hydrogen Economy Options for Australia. Asia-Pacific Journal of Chemical Engineering, 2008, 12, 447-460.	0.0	1
148	Environmental impacts of mineral sourcing and their impacts on criticality. , 2020, , 109-120.		1
149	Scenario Analysis of Low-Carbon Smart Electricity Systems in Japan in 2030. Green Energy and Technology, 2012, , 33-44.	0.4	1
150	Framework for Identifying Autonomous Decision Making Process in Energy and Environmental Issues: Case Studies in Indonesian Communities (Rukun Warga). International Journal of Sustainable Future for Human Security, 2016, 3, 3-17.	0.1	1
151	A Methodology for Designing Future Zero-Carbon Electricity Systems with Smart Grid and Its Application to Kansai Area, Japan. , 2012, , 50-54.		1
152	Study on Behavioral Decision Making by Power Generation Companies Regarding Energy Transitions under Uncertainty. Energies, 2022, 15, 654.	1.6	1
153	Atmospheric and hydrological transport modelling of SOx emissions in a unique verification context. AIChE Journal, 2010, 56, 815-824.	1.8	0
154	Challenges and Merits of Choosing Alternative Functional Units. , 2015, , 45-60.		0
155	Is Japan embracing a solar future in the post-Fukushima era?. MRS Bulletin, 2016, 41, 950-951.	1.7	0
156	Renewable Energy Policy Efficacy and Sustainability: The Role of Equity in Improving Energy Policy Outcomes. Ecoproduction, 2017, , 747-763.	0.8	0
157	Resource intensity for menu items. , 2018, , .		0
158	Long-Term Scenario Analysis of a Future Zero-Carbon Electricity Generation System in Japan Based on an Integrated Model. Green Energy and Technology, 2011, , 17-24.	0.4	0
159	An Optimization Supply Model for Crude Oil and Natural Gas in the Middle East. Green Energy and Technology, 2013, , 17-29.	0.4	0
160	Collaborating for change. , 2016, , 119-142.		0
161	Emissions and the role of renewables. , 2018, , 200-225.		0
162	Framework and Evaluation of Total Material Requirement for Food Material: Specific TMR for Food Material in Japan. Journal of Life Cycle Assessment Japan, 2018, 14, 146-157.	0.0	0

#	ARTICLE	IF	CITATIONS
163	Limits to Urbanization: Application of Integrated Assessment for Smart City Development in India. , 2019, , 51-65.		0
164	Clean Energy Development for Sustainable and Secure Cities. International Journal of Sustainable Future for Human Security, 2019, 7, 18-19.	0.1	0
165	The Energy-X-Nexus for Sustainable Futures and Human Security. International Journal of Sustainable Future for Human Security, 2019, 7, 20-21.	0.1	0