Ming-Lang Tseng

List of Publications by Citations

282 papers	9,096 citations	51 h-index	83 g-index
310 ext. papers	11,907 ext. citations	6.8 avg, IF	7.44 L-index

#	Paper	IF	Citations
282	A causal and effect decision making model of service quality expectation using grey-fuzzy DEMATEL approach. *Expert Systems With Applications*, **2009**, 36, 7738-7748	7.8	273
281	Evaluating firm's green supply chain management in linguistic preferences. *Journal of Cleaner Production*, **2013**, 40, 22-31	10.3	260
280	Sustainable consumption and production for Asia: sustainability through green design and practice. *Journal of Cleaner Production*, **2013**, 40, 1-5	10.3	239
279	A literature review on green supply chain management: Trends and future challenges. *Resources, Conservation and Recycling*, **2019**, 141, 145-162	11.9	218
278	Circular economy meets industry 4.0: Can big data drive industrial symbiosis?. *Resources, Conservation and Recycling*, **2018**, 131, 146-147	11.9	212
277	Improving performance of green innovation practices under uncertainty. *Journal of Cleaner Production*, **2013**, 40, 71-82	10.3	182
276	Selection of optimal supplier in supply chain management strategy with analytic network process and choquet integral. *Computers and Industrial Engineering*, **2009**, 57, 330-340	6.4	178
275	Improving sustainable supply chain management using a novel hierarchical grey-DEMATEL approach. *Journal of Cleaner Production*, **2016**, 134, 469-481	10.3	175
274	The interaction effects of environmental regulation and technological innovation on regional green growth performance. *Journal of Cleaner Production*, **2017**, 162, 894-902	10.3	167
273	Fuzzy AHP-based study of cleaner production implementation in Taiwan PWB manufacturer. *Journal of Cleaner Production*, **2009**, 17, 1249-1256	10.3	155
272	Green supply chain management with linguistic preferences and incomplete information. *Applied Soft Computing Journal*, **2011**, 11, 4894-4903	7.5	147
271	Toward sustainability: using big data to explore the decisive attributes of supply chain risks and uncertainties. *Journal of Cleaner Production*, **2017**, 142, 663-676	10.3	144
270	Knowledge management in sustainable supply chain management: Improving performance through an interpretive structural modelling approach. *Journal of Cleaner Production*, **2017**, 162, 806-816	10.3	133
269	Using a hybrid MCDM model to evaluate firm environmental knowledge management in uncertainty. *Applied Soft Computing Journal*, **2011**, 11, 1340-1352	7.5	128
268	Short-term wind power forecasting based on support vector machine with improved dragonfly algorithm. *Journal of Cleaner Production*, **2020**, 242, 118447	10.3	128
267	Evaluating firms sustainable production indicators in uncertainty. *Computers and Industrial Engineering*, **2009**, 57, 1393-1403	6.4	119
266	Implementation and performance evaluation using the fuzzy network balanced scorecard. *Computers and Education*, **2010**, 55, 188-201	9.5	117

265	Application of ANP and DEMATEL to evaluate the decision-making of municipal solid waste management in Metro Manila. *Environmental Monitoring and Assessment*, **2009**, 156, 181-97	3.1	116
264	Modeling sustainable production indicators with linguistic preferences. *Journal of Cleaner Production*, **2013**, 40, 46-56	10.3	108
263	Sustainable supply chain management using approximate fuzzy DEMATEL method. *Resources, Conservation and Recycling*, **2018**, 128, 134-142	11.9	104
262	A literature review of sustainable consumption and production: A comparative analysis in developed and developing economies. *Journal of Cleaner Production*, **2019**, 206, 741-754	10.3	104
261	Application of fuzzy DEMATEL to develop a cause and effect model of municipal solid waste management in Metro Manila. *Environmental Monitoring and Assessment*, **2009**, 158, 519-33	3.1	103
260	An assessment of cause and effect decision-making model for firm environmental knowledge management capacities in uncertainty. *Environmental Monitoring and Assessment*, **2010**, 161, 549-64	3.1	102
259	Assessing the competitive priorities within sustainable supply chain management under uncertainty. *Journal of Cleaner Production*, **2016**, 112, 2133-2144	10.3	101
258	Using linguistic preferences and grey relational analysis to evaluate the environmental knowledge management capacity. *Expert Systems With Applications*, **2010**, 37, 70-81	7.8	100
257	Sustainable product design and development: A review of tools, applications and research prospects. *Resources, Conservation and Recycling*, **2018**, 132, 49-61	11.9	99
256	Exploring decisive factors in green supply chain practices under uncertainty. *International Journal of Production Economics*, **2015**, 159, 147-157	9.3	96
255	Using QFD and ANP to analyze the environmental production requirements in linguistic preferences. *Expert Systems With Applications*, **2010**, 37, 2186-2196	7.8	96
254	Achieving competitive advantage through supply chain agility under uncertainty: A novel multi-criteria decision-making structure. *International Journal of Production Economics*, **2017**, 190, 96-107	9.3	87
253	Using TODIM to evaluate green supply chain practices under uncertainty. *Applied Mathematical Modelling*, **2014**, 38, 2983-2995	4.5	81
252	A framework for evaluating the performance of sustainable service supply chain management under uncertainty. *International Journal of Production Economics*, **2018**, 195, 359-372	9.3	80
251	Using the extension of DEMATEL to integrate hotel service quality perceptions into a cause-effect model in uncertainty. *Expert Systems With Applications*, **2009**, 36, 9015-9023	7.8	80
250	Identifying eco-innovation in industrial symbiosis under linguistic preferences: A novel hierarchical approach. *Journal of Cleaner Production*, **2017**, 140, 1376-1389	10.3	73
249	Effects of agriculture, renewable energy, and economic growth on carbon dioxide emissions: Evidence of the environmental Kuznets curve. *Resources, Conservation and Recycling*, **2020**, 160, 104879	11.9	71
248	Dynamic and causality interrelationships from municipal solid waste recycling to economic growth, carbon emissions and energy efficiency using a novel bootstrapping autoregressive distributed lag. *Resources, Conservation and Recycling*, **2021**, 166, 105372	11.9	70

247	Decision-making model for sustainable supply chain finance under uncertainties. *International Journal of Production Economics*, **2018**, 205, 30-36	9.3	70
246	A literature review of blockchain technology applications in supply chains: A comprehensive analysis of themes, methodologies and industries. *Computers and Industrial Engineering*, **2021**, 154, 107133	6.4	69
245	Identifying sustainable solid waste management barriers in practice using the fuzzy Delphi method. *Resources, Conservation and Recycling*, **2020**, 154, 104625	11.9	66
244	Renewable energy prediction: A novel short-term prediction model of photovoltaic output power. *Journal of Cleaner Production*, **2019**, 228, 359-375	10.3	58
243	Close-loop or open hierarchical structures in green supply chain management under uncertainty. *Expert Systems With Applications*, **2014**, 41, 3250-3260	7.8	58
242	Using hybrid method to evaluate the green performance in uncertainty. *Environmental Monitoring and Assessment*, **2011**, 175, 367-85	3.1	57
241	Sustainable industrial and operation engineering trends and challenges Toward Industry 4.0: a data driven analysis. *Journal of Industrial and Production Engineering*,1-18	1	57
240	Municipal solid waste management in a circular economy: A data-driven bibliometric analysis. *Journal of Cleaner Production*, **2020**, 275, 124132	10.3	56
239	Data-driven sustainable supply chain management performance: A hierarchical structure assessment under uncertainties. *Journal of Cleaner Production*, **2019**, 227, 760-771	10.3	55
238	A novel approach for enhancing green supply chain management using converged interval-valued triangular fuzzy numbers-grey relation analysis. *Resources, Conservation and Recycling*, **2018**, 128, 122-133	11.9	55
237	Big data analytics adoption: Determinants and performances among small to medium-sized enterprises. *International Journal of Information Management*, **2020**, 54, 102190	16.4	54
236	Multicriteria analysis of sustainable development indicators in the construction minerals industry in China. *Resources Policy*, **2015**, 46, 123-133	7.2	54
235	Sustainable supply chain management towards disruption and organizational ambidexterity: A data driven analysis. *Sustainable Production and Consumption*, **2021**, 26, 373-410	8.2	54
234	Using social media and qualitative and quantitative information scales to benchmark corporate sustainability. *Journal of Cleaner Production*, **2017**, 142, 727-738	10.3	53
233	Assessing green supply chain practices in Bangladesh using fuzzy importance and performance approach. *Resources, Conservation and Recycling*, **2018**, 131, 134-145	11.9	52
232	Developing pricing strategy to optimise total profits in an electric vehicle battery closed loop supply chain. *Journal of Cleaner Production*, **2018**, 203, 376-385	10.3	52
231	Benchmarking eco-efficiency in green supply chain practices in uncertainty. *Production Planning and Control*, **2014**, 25, 1079-1090	4.3	50
230	Prediction short-term photovoltaic power using improved chicken swarm optimizer - Extreme learning machine model. *Journal of Cleaner Production*, **2020**, 248, 119272	10.3	49

229	Improving corporate sustainable development by using an interdependent closed-loop hierarchical structure. *Resources, Conservation and Recycling*, **2017**, 119, 24-35	11.9	48
228	Circular economy enables sustainable consumption and production in multi-level supply chain system. *Resources, Conservation and Recycling*, **2020**, 154, 104601	11.9	48
227	Assessing sustainable tourism in Vietnam: A hierarchical structure approach. *Journal of Cleaner Production*, **2018**, 195, 406-417	10.3	48
226	Waste tire recycling assessment: Road application potential and carbon emissions reduction analysis of crumb rubber modified asphalt in China. *Journal of Cleaner Production*, **2020**, 249, 119411	10.3	47
225	Industry 4.0 to Accelerate the Circular Economy: A Case Study of Electric Scooter Sharing. *Sustainability*, **2019**, 11, 6661	3.6	46
224	A green vehicle routing model based on modified particle swarm optimization for cold chain logistics. *Industrial Management and Data Systems*, **2019**, 119, 473-494	3.6	46
223	A hierarchical framework for assessing corporate sustainability performance using a hybrid fuzzy synthetic method-DEMATEL. *Technological Forecasting and Social Change*, **2019**, 144, 524-533	9.5	45
222	Using hybrid MCDM to evaluate the service quality expectation in linguistic preference. *Applied Soft Computing Journal*, **2011**, 11, 4551-4562	7.5	44
221	Sustaining customer engagement behavior through corporate social responsibility: The roles of environmental concern and green trust. *Journal of Cleaner Production*, **2020**, 262, 121348	10.3	43
220	Evaluation the drivers of green supply chain management practices in uncertainty. *Procedia, Social and Behavioral Sciences*, **2011**, 25, 384-397		43
219	An improved moth-flame optimization algorithm for support vector machine prediction of photovoltaic power generation. *Journal of Cleaner Production*, **2020**, 253, 119966	10.3	43
218	Selecting a remanufacturing quality strategy based on consumer preferences. *Journal of Cleaner Production*, **2017**, 161, 1308-1316	10.3	42
217	Improving the benefits and costs on sustainable supply chain finance under uncertainty. *International Journal of Production Economics*, **2019**, 218, 308-321	9.3	42
216	Extreme learning machine optimized by whale optimization algorithm using insulated gate bipolar transistor module aging degree evaluation. *Expert Systems With Applications*, **2019**, 127, 58-67	7.8	41
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214	Sustainable development in technological and vocational higher education: balanced scorecard measures with uncertainty. *Journal of Cleaner Production*, **2016**, 120, 1-12	10.3	41
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211	Importance-performance analysis of municipal solid waste management in uncertainty. *Environmental Monitoring and Assessment*, **2011**, 172, 171-87	3.1	39
210	Supply chain resilience reactive strategies for food SMEs in coping to COVID-19 crisis. *Trends in Food Science and Technology*, **2021**, 109, 94-102	15.3	39
209	Enhancing the Lithium-ion battery life predictability using a hybrid method. *Applied Soft Computing Journal*, **2019**, 74, 110-121	7.5	39
208	Positioning strategic competitiveness of green business innovation capabilities using hybrid method. *Expert Systems With Applications*, **2011**, 38, 1839-1849	7.8	37
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205	The evolution of the Internet of Things (IoT) over the past 20 years. *Computers and Industrial Engineering*, **2021**, 155, 107174	6.4	37
204	Ecotourism development in Thailand: Community participation leads to the value of attractions using linguistic preferences. *Journal of Cleaner Production*, **2019**, 231, 1319-1329	10.3	36
203	A causal municipal solid waste management model for sustainable cities in Vietnam under uncertainty: A comparison. *Resources, Conservation and Recycling*, **2020**, 154, 104599	11.9	35
202	A maximum power point tracking method for PV system with improved gravitational search algorithm. *Applied Soft Computing Journal*, **2018**, 65, 333-348	7.5	34
201	Identifying the competitive determinants of firms green supply chain capabilities under uncertainty. *Clean Technologies and Environmental Policy*, **2016**, 18, 1247-1262	4.3	34
200	Service innovation in sustainable product service systems: Improving performance under linguistic preferences. *International Journal of Production Economics*, **2018**, 203, 414-425	9.3	34
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198	Pathways and barriers to circularity in food systems. *Resources, Conservation and Recycling*, **2019**, 143, 236-237	11.9	34
197	Joint optimization method for task scheduling time and energy consumption in mobile cloud computing environment. *Applied Soft Computing Journal*, **2019**, 80, 534-545	7.5	33
196	Future trends and guidance for the triple bottom line and sustainability: a data driven bibliometric analysis. *Environmental Science and Pollution Research*, **2020**, 27, 33543-33567	5.1	33
195	Sustainable inventory system with controllable non-instantaneous deterioration and environmental emission rates. *Journal of Cleaner Production*, **2020**, 244, 118807	10.3	33
194	Using a hybrid method to evaluate service innovation in the hotel industry. *Applied Soft Computing Journal*, **2015**, 28, 411-421	7.5	32

193	Understanding Innovation for Sustainable Business Management Capabilities and Competencies under Uncertainty. *Sustainability*, **2015**, 7, 13726-13760	3.6	32
192	Information technology in supply chain management: a case study. *Procedia, Social and Behavioral Sciences*, **2011**, 25, 257-272		32
191	A business process management capabilities perspective on organisation performance. *Total Quality Management and Business Excellence*, **2014**, 25, 602-617	2.7	31
190	A performance assessment approach for integrated solid waste management using a sustainable balanced scorecard approach. *Journal of Cleaner Production*, **2020**, 251, 119740	10.3	30
189	Optimising quantity of manufacturing and remanufacturing in an electric vehicle battery closed-loop supply chain. *Industrial Management and Data Systems*, **2018**, 118, 283-302	3.6	29
188	Sustainable supply chain management trends in world regions: A data-driven analysis. *Resources, Conservation and Recycling*, **2021**, 167, 105421	11.9	29
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185	Promoting low carbon agenda in the urban logistics network distribution system. *Journal of Cleaner Production*, **2019**, 211, 146-160	10.3	28
184	Coordinated development path of metropolitan logistics and economy in Belt and Road using DEMATEL–Bayesian analysis. *International Journal of Logistics Research and Applications*, **2019**, 22, 1-24	3.8	28
183	Wind power prediction using a novel model on wavelet decomposition-support vector machines-improved atomic search algorithm. *Journal of Cleaner Production*, **2020**, 270, 121817	10.3	27
182	Developing a hierarchical structure of the co-benefits of the triple bottom line under uncertainty. *Journal of Cleaner Production*, **2018**, 195, 908-918	10.3	27
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180	The evolution of Omega-The International Journal of Management Science over the past 40 years: A bibliometric overview. *Omega*, **2020**, 93, 102098	7.2	27
179	Improved tunicate swarm algorithm: Solving the dynamic economic emission dispatch problems. *Applied Soft Computing Journal*, **2021**, 108, 107504	7.5	26
178	Assessment of corporate culture in sustainability performance using a hierarchical framework and interdependence relations. *Journal of Cleaner Production*, **2019**, 217, 676-690	10.3	25
177	Grey-Entropy Analytical Network Process for Green Innovation Practices. *Procedia, Social and Behavioral Sciences*, **2012**, 57, 10-21		25
176	Building sustainable tourism hierarchical framework: Coordinated triple bottom line approach in linguistic preferences. *Journal of Cleaner Production*, **2019**, 229, 157-168	10.3	24

175	Improving sustainable supply chain capabilities using social media in a decision-making model. *Journal of Cleaner Production*, **2019**, 227, 700-711	10.3	23
174	Screening of carbon dioxide utilization options using hybrid Analytic Hierarchy Process-Data Envelopment Analysis method. *Journal of Cleaner Production*, **2017**, 165, 1361-1370	10.3	23
173	Biofuels for vehicles in Taiwan: Using system dynamics modeling to evaluate government subsidy policies. *Resources, Conservation and Recycling*, **2019**, 145, 31-39	11.9	22
172	Identifying sustainable behavior of energy consumers as a driver of design solutions: The missing link in eco-design. *Journal of Cleaner Production*, **2018**, 192, 486-495	10.3	22
171	Balanced scorecard performance evaluation in a closed-loop hierarchical model under uncertainty. *Applied Soft Computing Journal*, **2014**, 24, 1022-1032	7.5	22
170	Trends in sustainable logistics in major cities in China. *Science of the Total Environment*, **2020**, 712, 136381	10.2	22
169	Two-echelon reverse supply chain in collecting waste electrical and electronic equipment: A game theory model. *Computers and Industrial Engineering*, **2018**, 126, 187-195	6.4	22
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167	The relationship of continuous improvement and cleaner production on operational performance: An empirical study in electronic manufacturing firms, Taiwan China. *International Journal of Management Science and Engineering Management*, **2006**, 1, 71-80	2.8	21
166	An overview of the substance of Resource, Conservation and Recycling. *Resources, Conservation and Recycling*, **2018**, 136, 367-375	11.9	21
165	Sustainable Chinese manufacturing competitiveness in the 21st century: green and lean practices, pressure and performance. *International Journal of Computer Integrated Manufacturing*, **2018**, 31, 523-536	4.3	19
164	Sustainable Development Performance for Small and Medium Enterprises Using a Fuzzy Synthetic Method-DEMATEL. *Sustainability*, **2019**, 11, 4119	3.6	18
163	Sustainable Investment: Interrelated among Corporate Governance, Economic Performance and Market Risks Using Investor Preference Approach. *Sustainability*, **2019**, 11, 2108	3.6	18
162	Responsible consumption and production (RCP) in corporate decision-making models using soft computation. *Industrial Management and Data Systems*, **2018**, 118, 322-329	3.6	18
161	Modelling green multimodal transport route performance with witness simulation software. *Journal of Cleaner Production*, **2020**, 248, 119245	10.3	18
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159	Improving short-term wind power prediction using hybrid improved cuckoo search arithmetic - Support vector regression machine. *Journal of Cleaner Production*, **2021**, 279, 123739	10.3	18
158	Causal sustainable resource management model using a hierarchical structure and linguistic preferences. *Journal of Cleaner Production*, **2019**, 229, 640-651	10.3	17

157	Challenges and Trends in Sustainable Corporate Finance: A Bibliometric Systematic Review. *Journal of Risk and Financial Management*, **2020**, 13, 264	2.4	17
156	Design and Analysis of Supply Chain Networks with Low Carbon Emissions. *Computational Economics*, **2018**, 52, 1353-1374	1.4	17
155	Enhancing Eco-Efficiency of Agro-Products Closed-Loop Supply Chain under the Belt and Road Initiatives: A System Dynamics Approach. *Sustainability*, **2018**, 10, 668	3.6	17
154	Evaluation of International Student Satisfaction using Fuzzy Importance-Performance Analysis. *Procedia, Social and Behavioral Sciences*, **2011**, 25, 438-446		17
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151	A sustainable inventory model with controllable carbon emissions in green-warehouse farms. *Journal of Cleaner Production*, **2021**, 298, 126777	10.3	16
150	Intention in use recyclable express packaging in consumers behavior: An empirical study. *Resources, Conservation and Recycling*, **2021**, 164, 105115	11.9	16
149	Assessing a hierarchical sustainable solid waste management structure with qualitative information: Policy and regulations drive social impacts and stakeholder participation. *Resources, Conservation and Recycling*, **2021**, 168, 105285	11.9	16
148	Effects of a hybrid-price-stock dependent demand on the optimal solutions of a deteriorating inventory system and trade credit policy on re-manufactured product. *Journal of Cleaner Production*, **2019**, 241, 118282	10.3	15
147	Artificial neural networks for sustainable development: a critical review. *Clean Technologies and Environmental Policy*, **2020**, 22, 1449-1465	4.3	15
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143	Joint Pricing and Inventory Model for Deteriorating Items with Maximum Lifetime and Controllable Carbon Emissions under Permissible Delay in Payments. *Mathematics*, **2021**, 9, 470	2.3	15
142	Eco-Innovation in Circular Agri-Business. *Sustainability*, **2018**, 10, 1140	3.6	14
141	Sustainable construction and demolition waste management in Somaliland: Regulatory barriers lead to technical and environmental barriers. *Journal of Cleaner Production*, **2021**, 297, 126717	10.3	14
140	A cradle-to-cradle analysis in the toner cartridge supply chain using fuzzy recycling production approach. *Management of Environmental Quality*, **2019**, 30, 329-345	3.6	14

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138	Renewable energy utilization method: A novel Insulated Gate Bipolar Transistor switching losses prediction model. *Journal of Cleaner Production*, **2018**, 176, 852-863	10.3	14
137	Enhancing corporate knowledge management and sustainable development: An inter-dependent hierarchical structure under linguistic preferences. *Resources, Conservation and Recycling*, **2019**, 146, 560-579	11.9	13
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121	A literature review on environmental concerns in logistics: trends and future challenges. *International Journal of Logistics Research and Applications*, **2021**, 24, 126-151	3.8	11
120	Optimal human resource planning with P-graph for universities undergoing transition. *Journal of Cleaner Production*, **2019**, 224, 811-822	10.3	10
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118	Corporate sustainability on causal financial efficiency model in a hierarchical structure under uncertainties. *Journal of Cleaner Production*, **2019**, 237, 117769	10.3	10
117	Assessing data-driven sustainable supply chain management indicators for the textile industry under industrial disruption and ambidexterity. *International Journal of Production Economics*, **2022**, 245, 108401	9.3	10
116	Implementation and Performance Evaluation of a Firm's Green Supply Chain Management under Uncertainty. *Industrial Engineering and Management Systems*, **2014**, 13, 15-28	2.5	10
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114	Power system hybrid dynamic economic emission dispatch with wind energy based on improved sailfish algorithm. *Journal of Cleaner Production*, **2021**, 316, 128318	10.3	10
113	Improving the Reliability of Photovoltaic and Wind Power Storage Systems Using Least Squares Support Vector Machine Optimized by Improved Chicken Swarm Algorithm. *Applied Sciences (Switzerland)*, **2019**, 9, 3788	2.6	9
112	Optimal scale Gaussian process regression model in Insulated Gate Bipolar Transistor remaining life prediction. *Applied Soft Computing Journal*, **2019**, 78, 261-273	7.5	9
111	Sustainable packaged food and beverage consumption transition in Indonesia: Persuasive communication to affect consumer behavior. *Resources, Conservation and Recycling*, **2020**, 161, 104933	11.9	9
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106	Optimizing a Sustainable Supply Chain Inventory Model for Controllable Deterioration and Emission Rates in a Greenhouse Farm. *Mathematics*, **2021**, 9, 495	2.3	9
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103	Sustainable energy saving: A junction temperature numerical calculation method for power insulated gate bipolar transistor module. *Journal of Cleaner Production*, **2018**, 185, 198-210	10.3	8
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