

Yi-Ming Wei

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6451841/yi-ming-wei-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285
papers

16,189
citations

66
h-index

115
g-index

298
ext. papers

19,725
ext. citations

7.6
avg, IF

7.38
L-index

#	Paper	IF	Citations
285	Chinese CO emission flows have reversed since the global financial crisis. <i>Nature Communications</i> , 2017 , 8, 1712	17.4	493
284	Consumption-based emission accounting for Chinese cities. <i>Applied Energy</i> , 2016 , 184, 1073-1081	10.7	402
283	Relationships between oil price shocks and stock market: An empirical analysis from China. <i>Energy Policy</i> , 2008 , 36, 3544-3553	7.2	383
282	Analyzing impact factors of CO2 emissions using the STIRPAT model. <i>Environmental Impact Assessment Review</i> , 2006 , 26, 377-395	5.3	372
281	Using LMDI method to analyze the change of China's industrial CO2 emissions from final fuel use: An empirical analysis. <i>Energy Policy</i> , 2007 , 35, 5892-5900	7.2	336
280	Examining the impact factors of energy-related CO2 emissions using the STIRPAT model in Guangdong Province, China. <i>Applied Energy</i> , 2013 , 106, 65-71	10.7	307
279	China's regional industrial energy efficiency and carbon emissions abatement costs. <i>Applied Energy</i> , 2014 , 130, 617-631	10.7	287
278	Potential impacts of industrial structure on energy consumption and CO2 emission: a case study of Beijing. <i>Journal of Cleaner Production</i> , 2015 , 103, 455-462	10.3	255
277	Socioeconomic impact assessment of China's CO2 emissions peak prior to 2030. <i>Journal of Cleaner Production</i> , 2017 , 142, 2227-2236	10.3	241
276	The impact of lifestyle on energy use and CO2 emission: An empirical analysis of China's residents. <i>Energy Policy</i> , 2007 , 35, 247-257	7.2	241
275	An empirical analysis of energy efficiency in China's iron and steel sector. <i>Energy</i> , 2007 , 32, 2262-2270	7.9	240
274	An overview of current research on EU ETS: Evidence from its operating mechanism and economic effect. <i>Applied Energy</i> , 2010 , 87, 1804-1814	10.7	234
273	The crude oil market and the gold market: Evidence for cointegration, causality and price discovery. <i>Resources Policy</i> , 2010 , 35, 168-177	7.2	226
272	Spillover effect of US dollar exchange rate on oil prices. <i>Journal of Policy Modeling</i> , 2008 , 30, 973-991	2.4	223
271	Changes in carbon intensity in China: Empirical findings from 1980-2003. <i>Ecological Economics</i> , 2007 , 62, 683-691	5.6	211
270	Unequal household carbon footprints in China. <i>Nature Climate Change</i> , 2017 , 7, 75-80	21.4	209
269	China's carbon emissions from urban and rural households during 1992-2007. <i>Journal of Cleaner Production</i> , 2011 , 19, 1754-1762	10.3	206

268	Near-real-time monitoring of global CO emissions reveals the effects of the COVID-19 pandemic. <i>Nature Communications</i> , 2020 , 11, 5172	17.4	204
267	Energy and emissions efficiency patterns of Chinese regions: A multi-directional efficiency analysis. <i>Applied Energy</i> , 2013 , 104, 105-116	10.7	202
266	The impact of household consumption on energy use and CO2 emissions in China. <i>Energy</i> , 2011 , 36, 656-670	7.2	190
265	Pattern changes in determinants of Chinese emissions. <i>Environmental Research Letters</i> , 2017 , 12, 074003	6.2	188
264	Regional total factor energy efficiency: An empirical analysis of industrial sector in China. <i>Applied Energy</i> , 2012 , 97, 115-123	10.7	187
263	How can China reach its CO2 intensity reduction targets by 2020? A regional allocation based on equity and development. <i>Energy Policy</i> , 2011 , 39, 2407-2415	7.2	186
262	Regional allocation of CO2 emissions allowance over provinces in China by 2020. <i>Energy Policy</i> , 2013 , 54, 214-229	7.2	180
261	Carbon price forecasting with a novel hybrid ARIMA and least squares support vector machines methodology. <i>Omega</i> , 2013 , 41, 517-524	7.2	180
260	Multi-regional input-output model for regional energy requirements and CO2 emissions in China. <i>Energy Policy</i> , 2007 , 35, 1685-1700	7.2	180
259	A comparative analysis of China's regional energy and emission performance: Which is the better way to deal with undesirable outputs?. <i>Energy Policy</i> , 2012 , 46, 574-584	7.2	171
258	What induced China's energy intensity to fluctuate: 1997-2006?. <i>Energy Policy</i> , 2007 , 35, 4640-4649	7.2	165
257	Role of renewable energy in China's energy security and climate change mitigation: An index decomposition analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 90, 187-194	16.2	147
256	Potential impact of (CET) carbon emissions trading on China's power sector: A perspective from different allowance allocation options. <i>Energy</i> , 2010 , 35, 3921-3931	7.9	142
255	China's regional energy and environmental efficiency: A Range-Adjusted Measure based analysis. <i>Applied Energy</i> , 2013 , 112, 1403-1415	10.7	135
254	Carbon emission coefficient measurement of the coal-to-power energy chain in China. <i>Applied Energy</i> , 2014 , 114, 290-300	10.7	133
253	The impact of government policy on preference for NEVs: The evidence from China. <i>Energy Policy</i> , 2013 , 61, 382-393	7.2	132
252	Provincial allocation of carbon emission reduction targets in China: An approach based on improved fuzzy cluster and Shapley value decomposition. <i>Energy Policy</i> , 2014 , 66, 630-644	7.2	130
251	China's energy consumption in the building sector: A life cycle approach. <i>Energy and Buildings</i> , 2015 , 94, 240-251	7	127

250	Carbon taxation policy in China: How to protect energy- and trade-intensive sectors?. <i>Journal of Policy Modeling</i> , 2007 , 29, 311-333	2.4	127
249	Short term electricity load forecasting using a hybrid model. <i>Energy</i> , 2018 , 158, 774-781	7.9	124
248	Residential carbon emission evolutions in urban-rural divided China: An end-use and behavior analysis. <i>Applied Energy</i> , 2013 , 101, 323-332	10.7	121
247	Potential of energy savings and CO2 emission reduction in China's iron and steel industry. <i>Applied Energy</i> , 2018 , 226, 862-880	10.7	118
246	Forecasting carbon price using empirical mode decomposition and evolutionary least squares support vector regression. <i>Applied Energy</i> , 2017 , 191, 521-530	10.7	116
245	Carbon price volatility: Evidence from EU ETS. <i>Applied Energy</i> , 2011 , 88, 590-598	10.7	115
244	China's farewell to coal: A forecast of coal consumption through 2020. <i>Energy Policy</i> , 2015 , 86, 444-455	7.2	108
243	Can market oriented economic reforms contribute to energy efficiency improvement? Evidence from China. <i>Energy Policy</i> , 2007 , 35, 2287-2295	7.2	105
242	Potential gains from carbon emissions trading in China: A DEA based estimation on abatement cost savings. <i>Omega</i> , 2016 , 63, 48-59	7.2	99
241	Energy poor or fuel poor: What are the differences?. <i>Energy Policy</i> , 2014 , 68, 476-481	7.2	94
240	The assessment of vulnerability to natural disasters in China by using the DEA method. <i>Environmental Impact Assessment Review</i> , 2004 , 24, 427-439	5.3	93
239	Distributional impacts of taxing carbon in China: Results from the CEEPA model. <i>Applied Energy</i> , 2012 , 92, 545-551	10.7	90
238	Is China's carbon reduction target allocation reasonable? An analysis based on carbon intensity convergence. <i>Applied Energy</i> , 2015 , 142, 229-239	10.7	88
237	Air emissions perspective on energy efficiency: An empirical analysis of China's coastal areas. <i>Applied Energy</i> , 2017 , 185, 604-614	10.7	84
236	Exploring the effect of industrial structure adjustment on interprovincial green development efficiency in China: A novel integrated approach. <i>Energy Policy</i> , 2019 , 134, 110946	7.2	83
235	An overview of climate change vulnerability: a bibliometric analysis based on Web of Science database. <i>Natural Hazards</i> , 2014 , 74, 1649-1666	3	83
234	Environmental benefits from ridesharing: A case of Beijing. <i>Applied Energy</i> , 2017 , 191, 141-152	10.7	82
233	A PSO-GA optimal model to estimate primary energy demand of China. <i>Energy Policy</i> , 2012 , 42, 329-340	7.2	82

232	Cooking fuel choice in rural China: results from microdata. <i>Journal of Cleaner Production</i> , 2017 , 142, 538-547	54.3	81
231	Climate policy modeling: An online SCI-E and SSCI based literature review. <i>Omega</i> , 2015 , 57, 70-84	7.2	80
230	A novel modeling based real option approach for CCS investment evaluation under multiple uncertainties. <i>Applied Energy</i> , 2014 , 113, 1059-1067	10.7	78
229	Energy poverty in China: An index based comprehensive evaluation. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 47, 308-323	16.2	75
228	Distributional effects of carbon taxation. <i>Applied Energy</i> , 2016 , 184, 1123-1131	10.7	74
227	The influence of climate change on CO ₂ (carbon dioxide) emissions: an empirical estimation based on Chinese provincial panel data. <i>Journal of Cleaner Production</i> , 2016 , 131, 667-677	10.3	73
226	Economic development and converging household carbon footprints in China. <i>Nature Sustainability</i> , 2020 , 3, 529-537	22.1	71
225	Can China achieve its carbon intensity target by 2020 while sustaining economic growth?. <i>Ecological Economics</i> , 2015 , 119, 209-216	5.6	71
224	Exploring the regional characteristics of inter-provincial CO ₂ emissions in China: An improved fuzzy clustering analysis based on particle swarm optimization. <i>Applied Energy</i> , 2012 , 92, 552-562	10.7	71
223	Environmental efficiency and abatement efficiency measurements of China's thermal power industry: A data envelopment analysis based materials balance approach. <i>European Journal of Operational Research</i> , 2018 , 269, 35-50	5.6	69
222	Technology roadmap study on carbon capture, utilization and storage in China. <i>Energy Policy</i> , 2013 , 59, 536-550	7.2	67
221	Climate protection and China's energy security: Win-win or tradeoff. <i>Applied Energy</i> , 2012 , 97, 157-163	10.7	67
220	Integrated weighting approach to carbon emission quotas: an application case of Beijing-Tianjin-Hebei region. <i>Journal of Cleaner Production</i> , 2016 , 131, 448-459	10.3	66
219	Experimental comparison of impact of auction format on carbon allowance market. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 4148-4156	16.2	66
218	A multi-regional input-output table mapping China's economic outputs and interdependencies in 2012. <i>Scientific Data</i> , 2018 , 5, 180155	8.2	66
217	Hilbert Spectra and Empirical Mode Decomposition: A Multiscale Event Analysis Method to Detect the Impact of Economic Crises on the European Carbon Market. <i>Computational Economics</i> , 2018 , 52, 105-121	14	65
216	Exploring the characteristics of production-based and consumption-based carbon emissions of major economies: A multiple-dimension comparison. <i>Applied Energy</i> , 2016 , 184, 790-799	10.7	65
215	Sources of energy productivity change in China during 1997-2012: A decomposition analysis based on the Luenberger productivity indicator. <i>Energy Economics</i> , 2016 , 54, 50-59	8.3	65

214	Residential energy-related carbon emissions in urban and rural China during 1996-2012: From the perspective of five end-use activities. <i>Energy and Buildings</i> , 2015 , 96, 201-209	7	64
213	China's Energy Consumption in the New Normal. <i>Earth's Future</i> , 2018 , 6, 1007-1016	7.9	63
212	Exploring the impacts of the EU ETS emission limits on airline performance via the Dynamic Environmental DEA approach. <i>Applied Energy</i> , 2016 , 183, 984-994	10.7	63
211	Responsibility accounting in carbon allocation: A global perspective. <i>Applied Energy</i> , 2014 , 130, 122-133	10.7	61
210	Evaluating energy efficiency for airlines: An application of Virtual Frontier Dynamic Slacks Based Measure. <i>Energy</i> , 2016 , 113, 1231-1240	7.9	59
209	Carbon Price Analysis Using Empirical Mode Decomposition. <i>Computational Economics</i> , 2015 , 45, 195-206	6.4	58
208	Assessing the policy impacts on non-ferrous metals industry's CO ₂ reduction: Evidence from China. <i>Journal of Cleaner Production</i> , 2018 , 192, 252-261	10.3	58
207	Energy systems for climate change mitigation: A systematic review. <i>Applied Energy</i> , 2020 , 263, 114602	10.7	57
206	How to peak carbon emissions in China's power sector: A regional perspective. <i>Energy Policy</i> , 2018 , 120, 365-381	7.2	57
205	Energy structure, marginal efficiency and substitution rate: An empirical study of China. <i>Energy</i> , 2007 , 32, 935-942	7.9	57
204	Assessment on the research trend of low-carbon energy technology investment: A bibliometric analysis. <i>Applied Energy</i> , 2016 , 184, 960-970	10.7	56
203	One day ahead wind speed forecasting: A resampling-based approach. <i>Applied Energy</i> , 2016 , 178, 886-901	10.7	56
202	Estimating risk for the carbon market via extreme value theory: An empirical analysis of the EU ETS. <i>Applied Energy</i> , 2012 , 99, 97-108	10.7	56
201	Impacts of household income change on CO ₂ emissions: An empirical analysis of China. <i>Journal of Cleaner Production</i> , 2017 , 157, 190-200	10.3	55
200	Accounting process-related CO ₂ emissions from global cement production under Shared Socioeconomic Pathways. <i>Journal of Cleaner Production</i> , 2018 , 184, 451-465	10.3	55
199	Public perception of climate change in China: results from the questionnaire survey. <i>Natural Hazards</i> , 2013 , 69, 459-472	3	55
198	Global transition to low-carbon electricity: A bibliometric analysis. <i>Applied Energy</i> , 2017 , 205, 57-68	10.7	55
197	Future scenarios for energy consumption and carbon emissions due to demographic transitions in Chinese households. <i>Nature Energy</i> , 2018 , 3, 109-118	62.3	53

196	Is CO emission a side effect of financial development? An empirical analysis for China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 21041-21057	5.1	53
195	An empirical analysis of the risk of crude oil imports in China using improved portfolio approach. <i>Energy Policy</i> , 2007 , 35, 4190-4199	7.2	53
194	Vulnerability of hydropower generation to climate change in China: Results based on Grey forecasting model. <i>Energy Policy</i> , 2014 , 65, 701-707	7.2	52
193	The differences of carbon intensity reduction rate across 89 countries in recent three decades. <i>Applied Energy</i> , 2014 , 113, 808-815	10.7	52
192	Efficiency assessment of hydroelectric power plants in Canada: A multi criteria decision making approach. <i>Energy Economics</i> , 2014 , 46, 112-121	8.3	51
191	The shadow price of CO emissions in China's iron and steel industry. <i>Science of the Total Environment</i> , 2017 , 598, 272-281	10.2	50
190	Forecasting China's regional energy demand by 2030: A Bayesian approach. <i>Resources, Conservation and Recycling</i> , 2017 , 127, 85-95	11.9	50
189	Carbon emissions intensity reduction target for China's power industry: An efficiency and productivity perspective. <i>Journal of Cleaner Production</i> , 2018 , 197, 1022-1034	10.3	50
188	Carbon emissions quotas in the Chinese road transport sector: A carbon trading perspective. <i>Energy Policy</i> , 2017 , 106, 298-309	7.2	49
187	Impact factors of household energy-saving behavior: An empirical study of Shandong Province in China. <i>Journal of Cleaner Production</i> , 2018 , 185, 285-298	10.3	49
186	Costs and potentials of energy conservation in China's coal-fired power industry: A bottom-up approach considering price uncertainties. <i>Energy Policy</i> , 2017 , 104, 23-32	7.2	48
185	Urban energy consumption and CO2 emissions in Beijing: current and future. <i>Energy Efficiency</i> , 2015 , 8, 527-543	3	48
184	Solid fuel use in rural China and its health effects. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 60, 900-908	16.2	48
183	Prediction of China's coal production-environmental pollution based on a hybrid genetic algorithm-system dynamics model. <i>Energy Policy</i> , 2012 , 42, 521-529	7.2	48
182	Review of models and actors in energy mix optimization [Can leader visions and decisions align with optimum model strategies for our future energy systems?]. <i>Energy Strategy Reviews</i> , 2012 , 1, 5-18	9.8	48
181	China's primary energy demands in 2020: Predictions from an MPSORBF estimation model. <i>Energy Conversion and Management</i> , 2012 , 61, 59-66	10.6	47
180	Comparison of China's oil import risk: Results based on portfolio theory and a diversification index approach. <i>Energy Policy</i> , 2009 , 37, 3557-3565	7.2	47
179	A hybrid self-adaptive Particle Swarm Optimization-Genetic Algorithm-Radial Basis Function model for annual electricity demand prediction. <i>Energy Conversion and Management</i> , 2015 , 91, 176-185	10.6	45

178	Driving factors for social vulnerability to coastal hazards in Southeast Asia: results from the meta-analysis. <i>Natural Hazards</i> , 2010 , 54, 901-929	3	44
177	Securitization of energy supply chains in China. <i>Applied Energy</i> , 2014 , 123, 316-326	10.7	43
176	Impacts of urbanization on carbon emissions: An empirical analysis from OECD countries. <i>Energy Policy</i> , 2021 , 151, 112171	7.2	43
175	An Adaptive Multiscale Ensemble Learning Paradigm for Nonstationary and Nonlinear Energy Price Time Series Forecasting. <i>Journal of Forecasting</i> , 2016 , 35, 633-651	2.1	43
174	China's regional vulnerability to drought and its mitigation strategies under climate change: data envelopment analysis and analytic hierarchy process integrated approach. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015 , 20, 341-359	3.9	41
173	The effect of energy end-use efficiency improvement on China's energy use and CO2 emissions: a CGE model-based analysis. <i>Energy Efficiency</i> , 2009 , 2, 243-262	3	41
172	A multi-period power generation planning model incorporating the non-carbon external costs: A case study of China. <i>Applied Energy</i> , 2016 , 183, 1333-1345	10.7	41
171	Selection of energy performance contracting business models: A behavioral decision-making approach. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 72, 422-433	16.2	40
170	China's regional assessment of renewable energy vulnerability to climate change. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 40, 185-195	16.2	40
169	A scenario analysis of energy requirements and energy intensity for China's rapidly developing society in the year 2020. <i>Technological Forecasting and Social Change</i> , 2006 , 73, 405-421	9.5	40
168	Regional efforts to mitigate climate change in China: a multi-criteria assessment approach. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017 , 22, 45-66	3.9	39
167	Spatial heterogeneity and driving forces of environmental productivity growth in China: Would it help to switch pollutant discharge fees to environmental taxes?. <i>Journal of Cleaner Production</i> , 2019 , 223, 36-44	10.3	39
166	An integrated assessment of INDCs under Shared Socioeconomic Pathways: an implementation of C3IAM. <i>Natural Hazards</i> , 2018 , 92, 585-618	3	39
165	Beijing storm of July 21, 2012: observations and reflections. <i>Natural Hazards</i> , 2013 , 67, 969-974	3	39
164	An adaptive hybrid model for short term electricity price forecasting. <i>Applied Energy</i> , 2020 , 258, 114087	10.7	39
163	Self-preservation strategy for approaching global warming targets in the post-Paris Agreement era. <i>Nature Communications</i> , 2020 , 11, 1624	17.4	39
162	Life cycle environmental impact assessment of fuel mix-based biomass co-firing plants with CO2 capture and storage. <i>Applied Energy</i> , 2019 , 252, 113483	10.7	38
161	When does the turning point in China's CO2 emissions occur? Results based on the Green Solow model. <i>Environment and Development Economics</i> , 2015 , 20, 723-745	1.8	38

160	A model based on stochastic dynamic programming for determining China's optimal strategic petroleum reserve policy. <i>Energy Policy</i> , 2009 , 37, 4397-4406	7.2	38
159	An adaptive hybrid model for short term wind speed forecasting. <i>Energy</i> , 2020 , 190, 115615	7.9	38
158	A proposed global layout of carbon capture and storage in line with a 2 °C climate target. <i>Nature Climate Change</i> , 2021 , 11, 112-118	21.4	37
157	Is it possible for China to reduce its total CO2 emissions?. <i>Energy</i> , 2015 , 83, 438-446	7.9	36
156	Energy technology roadmap for ethylene industry in China. <i>Applied Energy</i> , 2018 , 224, 160-174	10.7	35
155	China's fiscal decentralization and environmental quality: theory and an empirical study. <i>Environment and Development Economics</i> , 2020 , 25, 159-181	1.8	35
154	Marginal abatement costs of CO2 emissions in the thermal power sector: A regional empirical analysis from China. <i>Journal of Cleaner Production</i> , 2018 , 171, 163-174	10.3	34
153	Can China realise its energy-savings goal by adjusting its industrial structure?. <i>Economic Systems Research</i> , 2016 , 28, 273-293	2.1	34
152	The dynamic influence of advanced stock market risk on international crude oil returns: an empirical analysis. <i>Quantitative Finance</i> , 2011 , 11, 967-978	1.6	34
151	China's energy consumption: A perspective from Divisia aggregation approach. <i>Energy</i> , 2010 , 35, 28-34	7.9	34
150	Multi-model comparison of the economic and energy implications for China and India in an international climate regime. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015 , 20, 1335-1359	3.9	33
149	An empirical analysis of the dynamic programming model of stockpile acquisition strategies for China's strategic petroleum reserve. <i>Energy Policy</i> , 2008 , 36, 1470-1478	7.2	33
148	Including intangible costs into the cost-of-illness approach: a method refinement illustrated based on the PM economic burden in China. <i>European Journal of Health Economics</i> , 2019 , 20, 501-511	3.6	33
147	On selecting directions for directional distance functions in a non-parametric framework: a review. <i>Annals of Operations Research</i> , 2019 , 278, 43-76	3.2	33
146	How app-based ride-hailing services influence travel behavior: An empirical study from China. <i>International Journal of Sustainable Transportation</i> , 2020 , 14, 554-568	3.6	33
145	Carbon capture and storage in China's power sector: Optimal planning under the 2 °C constraint. <i>Applied Energy</i> , 2020 , 263, 114694	10.7	32
144	Would China's power industry benefit from nationwide carbon emission permit trading? An optimization model-based ex post analysis on abatement cost savings. <i>Applied Energy</i> , 2019 , 235, 978-986	10.7	32
143	Exploring the impacts of EU ETS on the pollution abatement costs of European airlines: An application of Network Environmental Production Function. <i>Transport Policy</i> , 2017 , 60, 131-142	5.7	30

142	The cellular automaton model of investment behavior in the stock market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 325, 507-516	3.3	30
141	A comparative analysis of the life cycle environmental emissions from wind and coal power: Evidence from China. <i>Journal of Cleaner Production</i> , 2020 , 248, 119192	10.3	30
140	Life cycle environmental assessment of electric and internal combustion engine vehicles in China. <i>Journal of Cleaner Production</i> , 2021 , 285, 124899	10.3	30
139	What drives intersectoral CO2 emissions in China?. <i>Journal of Cleaner Production</i> , 2016 , 133, 1053-1061	10.3	29
138	Economic dispatch savings in the coal-fired power sector: An empirical study of China. <i>Energy Economics</i> , 2018 , 74, 330-342	8.3	29
137	Urban Household Water Demand in Beijing by 2020: An Agent-Based Model. <i>Water Resources Management</i> , 2014 , 28, 2967-2980	3.7	29
136	Risk management of extreme events under climate change. <i>Journal of Cleaner Production</i> , 2017 , 166, 1169-1174	10.3	29
135	Platform for China Energy & Environmental Policy Analysis: A general design and its application. <i>Environmental Modelling and Software</i> , 2014 , 51, 195-206	5.2	29
134	The fluctuations of China's energy intensity: Biased technical change. <i>Applied Energy</i> , 2014 , 135, 407-414	10.7	28
133	Risk evaluation of China's natural disaster systems: an approach based on triangular fuzzy numbers and stochastic simulation. <i>Natural Hazards</i> , 2012 , 62, 129-139	3	28
132	Virtual enterprise and its intelligence management. <i>Computers and Industrial Engineering</i> , 2002 , 42, 199-205	3.5	28
131	Identifying the determinants of energy intensity in China: A Bayesian averaging approach. <i>Applied Energy</i> , 2016 , 168, 672-682	10.7	27
130	Possible design with equity and responsibility in China's renewable portfolio standards. <i>Applied Energy</i> , 2018 , 232, 685-694	10.7	27
129	Operational and environmental performance in China's thermal power industry: Taking an effectiveness measure as complement to an efficiency measure. <i>Journal of Environmental Management</i> , 2017 , 192, 254-270	7.9	26
128	Dynamic multiscale interactions between European carbon and electricity markets during 2005-2016. <i>Energy Policy</i> , 2017 , 107, 309-322	7.2	26
127	China's carbon flow: 2008-2012. <i>Energy Policy</i> , 2015 , 80, 45-53	7.2	26
126	Emissions trading and abatement cost savings: An estimation of China's thermal power industry. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 65, 1005-1017	16.2	25
125	Modelling the dynamics of European carbon futures price: A Zipf analysis. <i>Economic Modelling</i> , 2014 , 38, 372-380	3.4	25

124	On the road to China's 2020 carbon intensity target from the perspective of "double control" <i>Energy Policy</i> , 2018 , 119, 377-387	7.2	25
123	Is the CO2 emissions reduction from scale change, structural change or technology change? Evidence from non-metallic sector of 11 major economies in 1995-2009. <i>Journal of Cleaner Production</i> , 2017 , 148, 148-157	10.3	24
122	Sources of carbon productivity change: A decomposition and disaggregation analysis based on global Luenberger productivity indicator and endogenous directional distance function. <i>Ecological Indicators</i> , 2016 , 66, 545-555	5.8	24
121	Heterogeneous impacts of households on carbon dioxide emissions in Chinese provinces. <i>Applied Energy</i> , 2018 , 229, 236-252	10.7	24
120	Artificial neural network based predictive method for flood disaster. <i>Computers and Industrial Engineering</i> , 2002 , 42, 383-390	6.4	24
119	Energy productivity and Chinese local officials' promotions: Evidence from provincial governors. <i>Energy Policy</i> , 2016 , 95, 103-112	7.2	24
118	Will export rebate policy be effective for CO2 emissions reduction in China? A CEEPA-based analysis. <i>Journal of Cleaner Production</i> , 2015 , 103, 120-129	10.3	23
117	Forewarning of sustainable utilization of regional water resources: a model based on BP neural network and set pair analysis. <i>Natural Hazards</i> , 2012 , 62, 115-127	3	23
116	Impact assessment using DEA of coastal hazards on social-economy in Southeast Asia. <i>Natural Hazards</i> , 2009 , 48, 167-189	3	23
115	A dynamic forward-citation full path model for technology monitoring: An empirical study from shale gas industry. <i>Applied Energy</i> , 2017 , 205, 769-780	10.7	23
114	Will Pollution Taxes Improve Joint Ecological and Economic Efficiency of Thermal Power Industry in China?: A DEA-Based Materials Balance Approach. <i>Journal of Industrial Ecology</i> , 2019 , 23, 389-401	7.2	23
113	Keeping track of "Corporate social responsibility" as a business and management discipline: case of Pakistan. <i>Journal of Cleaner Production</i> , 2014 , 74, 27-34	10.3	22
112	The effect of investor psychology on the complexity of stock market: An analysis based on cellular automaton model. <i>Computers and Industrial Engineering</i> , 2009 , 56, 63-69	6.4	22
111	China's distributed energy policies: Evolution, instruments and recommendation. <i>Energy Policy</i> , 2019 , 125, 55-64	7.2	22
110	Risk analysis for drought hazard in China: a case study in Huaibei Plain. <i>Natural Hazards</i> , 2013 , 67, 879-909		21
109	Social cost of carbon under shared socioeconomic pathways. <i>Global Environmental Change</i> , 2018 , 53, 225-232	10.1	21
108	Spatio-temporal patterns of energy consumption-related GHG emissions in China's crop production systems. <i>Energy Policy</i> , 2017 , 104, 274-284	7.2	20
107	Environmental and economic impacts of trade barriers: The example of China-US trade friction. <i>Resources and Energy Economics</i> , 2020 , 59, 101144	3.2	20

106	Green transition pathways for cement industry in China. <i>Resources, Conservation and Recycling</i> , 2021 , 166, 105355	11.9	20
105	China's regional drought risk under climate change: a two-stage process assessment approach. <i>Natural Hazards</i> , 2015 , 76, 667-684	3	19
104	Energy economics and climate policy modeling. <i>Annals of Operations Research</i> , 2017 , 255, 1-7	3.2	19
103	Forecasting carbon price using a multi-objective least squares support vector machine with mixture kernels. <i>Journal of Forecasting</i> ,	2.1	19
102	The evolution of CO2 emissions in international trade for major economies: a perspective from the global supply chain. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017 , 22, 1229-1248	3.9	18
101	Examining the structural changes of European carbon futures price 2005-2012. <i>Applied Economics Letters</i> , 2015 , 22, 335-342	1	18
100	A Hybrid Method for Short-Term Wind Speed Forecasting. <i>Sustainability</i> , 2017 , 9, 596	3.6	18
99	Recent trend of industrial emissions in developing countries. <i>Applied Energy</i> , 2016 , 166, 187-190	10.7	18
98	The effect of an SPR on the oil price in China: A system dynamics approach. <i>Applied Energy</i> , 2014 , 133, 363-373	10.7	18
97	Risk assessment of oil price from static and dynamic modelling approaches. <i>Applied Economics</i> , 2017 , 49, 929-939	1.6	18
96	The health benefits and economic effects of cooperative PM2.5 control: A cost-effectiveness game model. <i>Journal of Cleaner Production</i> , 2019 , 228, 1572-1585	10.3	17
95	Cost-environment efficiency analysis of construction industry in China: A materials balance approach. <i>Journal of Cleaner Production</i> , 2019 , 221, 457-468	10.3	17
94	Exploring the climatic impacts on residential electricity consumption in Jiangsu, China. <i>Energy Policy</i> , 2020 , 140, 111398	7.2	17
93	Shadow prices of direct and overall carbon emissions in China's construction industry: A parametric directional distance function-based sensitive estimation. <i>Structural Change and Economic Dynamics</i> , 2018 , 47, 180-193	4.5	17
92	Sustainable development pathway for intercity passenger transport: A case study of China. <i>Applied Energy</i> , 2019 , 254, 113632	10.7	16
91	Spatiotemporal variation of meteorological droughts based on the daily comprehensive drought index in the Haihe River basin, China. <i>Natural Hazards</i> , 2015 , 75, 199-217	3	16
90	An adaptive hybrid model for day-ahead photovoltaic output power prediction. <i>Journal of Cleaner Production</i> , 2020 , 244, 118858	10.3	16
89	The grid parity analysis of onshore wind power in China: A system cost perspective. <i>Renewable Energy</i> , 2020 , 148, 22-30	8.1	16

88	Possible Emission Reductions From Ride-Sourcing Travel in a Global Megacity: The Case of Beijing. <i>Journal of Environment and Development</i> , 2018 , 27, 156-185	2.3	16
87	How do the appliance energy standards work in China? Evidence from room air conditioners. <i>Energy and Buildings</i> , 2015 , 86, 833-840	7	15
86	How does coal-electricity price linkage impact on the profit of enterprises in China? Evidence from a Stackelberg game model. <i>Resources, Conservation and Recycling</i> , 2018 , 129, 383-391	11.9	15
85	A real option model for geothermal heating investment decision making: Considering carbon trading and resource taxes. <i>Energy</i> , 2019 , 189, 116252	7.9	15
84	Review of proposals for an Agreement on Future Climate Policy: Perspectives from the responsibilities for GHG reduction. <i>Energy Strategy Reviews</i> , 2013 , 2, 161-168	9.8	15
83	Assessing the Distributional Impacts of Carbon Tax among Households across Different Income Groups: The Case of China. <i>Energy and Environment</i> , 2013 , 24, 1323-1346	2.4	15
82	A system dynamics based model for coal investment. <i>Energy</i> , 2007 , 32, 898-905	7.9	15
81	Policy and management of carbon peaking and carbon neutrality: A literature review. <i>Engineering</i> , 2022 ,	9.7	15
80	Impact of climatic factors on monthly electricity consumption of China's sectors. <i>Natural Hazards</i> , 2015 , 75, 2027-2037	3	14
79	Local government competition on setting emission reduction goals. <i>Science of the Total Environment</i> , 2020 , 745, 141002	10.2	14
78	Measuring energy economic efficiency: A mathematical programming approach. <i>Applied Energy</i> , 2016 , 179, 479-487	10.7	14
77	Observing technology reserves of carbon capture and storage via patent data: Paving the way for carbon neutral. <i>Technological Forecasting and Social Change</i> , 2021 , 171, 120933	9.5	14
76	Evolution of urban household indirect carbon emission responsibility from an inter-sectoral perspective: A case study of Guangdong, China. <i>Energy Economics</i> , 2019 , 83, 197-207	8.3	13
75	Energy conservation in China: Key provincial sectors at two-digit level. <i>Applied Energy</i> , 2013 , 104, 457-465	10.7	13
74	Assessment of equity principles for international climate policy based on an integrated assessment model. <i>Natural Hazards</i> , 2019 , 95, 309-323	3	13
73	A novel dataset of emission abatement sector extended input-output table for environmental policy analysis. <i>Applied Energy</i> , 2018 , 231, 1259-1267	10.7	13
72	Spatial and temporal uncertainty in the technological pathway towards a low-carbon power industry: A case study of China. <i>Journal of Cleaner Production</i> , 2019 , 230, 720-733	10.3	12
71	Forecasting flood disasters using an accelerated genetic algorithm: Examples of two case studies for China. <i>Natural Hazards</i> , 2008 , 44, 85-92	3	12

70	Examining the links among economic growth, energy consumption, and CO2 emission with linear and nonlinear causality tests. <i>Natural Hazards</i> , 2016 , 81, 1147-1159	3	12
69	Review of carbon leakage under regionally differentiated climate policies. <i>Science of the Total Environment</i> , 2021 , 782, 146765	10.2	12
68	Impact analysis of China's coal-electricity price linkage mechanism: Results from a game model. <i>Journal of Policy Modeling</i> , 2010 , 32, 574-588	2.4	11
67	Regional flood risk assessment via coupled fuzzy c-means clustering methods: an empirical analysis from China's Huaihe River Basin. <i>Natural Hazards</i> , 2018 , 93, 803-822	3	11
66	Opportunity and marginal abatement cost savings from China's pilot carbon emissions permit trading system: Simulating evidence from the industrial sectors. <i>Journal of Environmental Management</i> , 2020 , 271, 110975	7.9	10
65	Frontiers of low-carbon technologies: Results from bibliographic coupling with sliding window. <i>Journal of Cleaner Production</i> , 2018 , 190, 422-431	10.3	10
64	Operational performance management of the power industry: a distinguishing analysis between effectiveness and efficiency. <i>Annals of Operations Research</i> , 2018 , 268, 513-537	3.2	10
63	The impacts of migrant workers consumption on energy use and CO2 emissions in China. <i>Natural Hazards</i> , 2016 , 81, 725-743	3	10
62	Inequality across China's Staple Crops in Energy Consumption and Related GHG Emissions. <i>Ecological Economics</i> , 2018 , 153, 17-30	5.6	10
61	Life cycle cost assessment of biomass co-firing power plants with CO2 capture and storage considering multiple incentives. <i>Energy Economics</i> , 2021 , 96, 105173	8.3	10
60	Climate engineering management: an emerging interdisciplinary subject. <i>Journal of Modelling in Management</i> , 2019 , 15, 685-702	2.2	10
59	Time use and carbon dioxide emissions accounting: An empirical analysis from China. <i>Journal of Cleaner Production</i> , 2019 , 215, 582-599	10.3	10
58	Optimization of virtual water flow via grain trade within China. <i>Ecological Indicators</i> , 2019 , 97, 25-34	5.8	10
57	A cost-benefit analysis of the environmental taxation policy in China: A frontier analysis-based environmentally extended input-output optimization method. <i>Journal of Industrial Ecology</i> , 2020 , 24, 564-576	7.2	10
56	Impacts of socioeconomic factors on monthly electricity consumption of China's sectors. <i>Natural Hazards</i> , 2015 , 75, 2039-2047	3	9
55	Integrated risk assessment method of waterlog disaster in Huaihe River Basin of China. <i>Natural Hazards</i> , 2015 , 75, 155-178	3	9
54	Comprehensive evaluation of ice disaster risk of the Ningxia Inner Mongolia Reach in the upper Yellow River. <i>Natural Hazards</i> , 2015 , 75, 179-197	3	9
53	An intertemporal carbon emissions trading system with cap adjustment and path control. <i>Energy Policy</i> , 2018 , 122, 152-161	7.2	9

52	How China's current energy pricing mechanisms will impact its marginal carbon abatement costs?. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016 , 21, 799-821	3.9	8
51	National vulnerability to extreme climatic events: the cases of electricity disruption in China and Japan. <i>Natural Hazards</i> , 2014 , 71, 1937-1956	3	8
50	Application of VaR methodology to risk management in the stock market in China. <i>Computers and Industrial Engineering</i> , 2004 , 46, 383-388	6.4	8
49	Hierarchy evaluation of water resources vulnerability under climate change in Beijing, China. <i>Natural Hazards</i> , 2016 , 84, 63-76	3	7
48	The Prospects of Carbon Capture and Storage in China's Power Sector under the 2 °C Target: A Component-based Learning Curve Approach. <i>International Journal of Greenhouse Gas Control</i> , 2020 , 101, 103149	4.2	7
47	China's socioeconomic risk from extreme events in a changing climate: a hierarchical Bayesian model. <i>Climatic Change</i> , 2016 , 139, 169-181	4.5	7
46	Reforming the Operation Mechanism of Chinese Electricity System: Benefits, Challenges and Possible Solutions. <i>Energy Journal</i> , 2020 , 41,	3.5	7
45	Five tips for China to realize its co-targets of climate mitigation and Sustainable Development Goals (SDGs). <i>Geography and Sustainability</i> , 2020 , 1, 245-249	7.3	7
44	Synergistic effects of environmental regulations on carbon productivity growth in China's major industrial sectors. <i>Natural Hazards</i> , 2019 , 95, 55-72	3	7
43	Quantities versus prices for best social welfare in carbon reduction: A literature review. <i>Applied Energy</i> , 2019 , 233-234, 554-564	10.7	7
42	Research trends in carbon capture and storage: A comparison of China with Canada. <i>International Journal of Greenhouse Gas Control</i> , 2020 , 97, 103018	4.2	7
41	Multi-directional efficiency analysis-based regional industrial environmental performance evaluation of China. <i>Natural Hazards</i> , 2015 , 75, 273-299	3	6
40	IMPACTS OF MECHANISMS TO PROMOTE PARTICIPATION IN CLIMATE MITIGATION: BORDER CARBON ADJUSTMENTS VERSUS UNIFORM TARIFF MEASURES. <i>Climate Change Economics</i> , 2020 , 11, 2041007	0.9	6
39	Multiple objective-integrated methodology of global optimum decision-making on mineral resources exploitation. <i>Computers and Industrial Engineering</i> , 2004 , 46, 363-372	6.4	6
38	Investment in carbon dioxide capture and storage combined with enhanced water recovery. <i>International Journal of Greenhouse Gas Control</i> , 2020 , 94, 102848	4.2	6
37	Why did the historical energy forecasting succeed or fail? A case study on IEA's projection. <i>Technological Forecasting and Social Change</i> , 2016 , 107, 90-96	9.5	6
36	Exploring the differences in the airport competitiveness formation mechanism: evidence from 45 Chinese airports during 2010-2014. <i>Transportmetrica B</i> , 2017 , 5, 325-341	1.8	5
35	Flexible options to provide energy for capturing carbon dioxide in coal-fired power plants under the Clean Development Mechanism. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019 , 24, 1483-1505	3.9	5

34	The assessment of health impact caused by energy use in urban areas of China: an intake fraction-based analysis. <i>Natural Hazards</i> , 2012 , 62, 101-114	3	5
33	Enriching the VaR framework to EEMD with an application to the European carbon market. <i>International Journal of Finance and Economics</i> , 2018 , 23, 315-328	1.5	4
32	Energy strategy research ICharter and perspectives of an emerging discipline. <i>Energy Strategy Reviews</i> , 2013 , 1, 135-137	9.8	4
31	Will the aggregation approach affect energy efficiency performance assessment?. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 4537-4542	16.2	4
30	Modeling the coal-to-gas switch potentials in the power sector: A case study of China. <i>Energy</i> , 2020 , 192, 116629	7.9	4
29	Exploring the drivers of energy consumption-related CO2 emissions in China: a multiscale analysis. <i>Energy Efficiency</i> , 2019 , 12, 1027-1039	3	4
28	CO2 emissions accounting for the chemical industry: an empirical analysis for China. <i>Natural Hazards</i> , 2019 , 99, 1327-1343	3	3
27	Sharing mitigation burden among sectors in China: Results from CEEPA. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2018 , 13, 141-148	3.1	3
26	An integrated methodology for decision making of mining method selection. <i>International Journal of Manufacturing Technology and Management</i> , 2003 , 5, 10	0.4	3
25	Integrated Assessment Models (IAMs) for Climate Change		3
24	The marginal abatement cost curve and optimized abatement trajectory of CO2 emissions from China's petroleum industry. <i>Regional Environmental Change</i> , 2020 , 20, 1	4.3	3
23	China's fiscal decentralization and environmental quality: theory and an empirical study IErratum. <i>Environment and Development Economics</i> , 2020 , 25, 204-204	1.8	3
22	A social learning approach to carbon capture and storage demonstration project management: An empirical analysis. <i>Applied Energy</i> , 2021 , 299, 117336	10.7	3
21	A decision-making approach considering technology progress for investment in oil sands projects: An empirical analysis in Canada. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 195, 107741	4.4	2
20	Tax and subsidy policy for domestic air pollution with asymmetric local and global spillover effects. <i>Journal of Cleaner Production</i> , 2021 , 318, 128504	10.3	2
19	Integrating cost information in energy efficiency measurement: An empirical study on thermal power companies. <i>Energy Efficiency</i> , 2020 , 13, 697-709	3	1
18	Set pair analysis and BP neural network coupling model for optimal selection of flood control operation 2010 ,		1
17	The Nonlinear Impacts of Global Warming on Regional Economic Production: An Empirical Analysis from China. <i>Weather, Climate, and Society</i> , 2020 , 12, 759-769	2.3	1

16	Pathway comparison of limiting global warming to 2°C. <i>Energy and Climate Change</i> , 2021 , 2, 100063	1.2	1
15	Energy Economics 2018 ,		1
14	Global Energy Development and Energy Poverty 2018 , 1-42		1
13	Combining economic recovery with climate change mitigation: A global evaluation of financial instruments. <i>Economic Analysis and Policy</i> , 2021 , 72, 438-438	3.8	1
12	Enriching the value-at-risk framework to ensemble empirical mode decomposition with an application to the European carbon market. <i>International Journal of Finance and Economics</i> ,	1.5	1
11	The carbon footprint and cost of coal-based hydrogen production with and without carbon capture and storage technology in China. <i>Journal of Cleaner Production</i> , 2022 , 362, 132514	10.3	1
10	Mathematical model for the optimization of the allocation of nonferrous raw materials in China. <i>Computers and Industrial Engineering</i> , 2004 , 46, 293-303	6.4	0
9	THE ECONOMIC IMPACTS OF GLOBAL WARMING ON CHINESE CITIES. <i>Climate Change Economics</i> , 2020 , 11, 2050007	0.9	0
8	Are electric vehicles cost competitive? A case study for China based on a lifecycle assessment. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
7	RESEARCH ON THE EVALUATION OF SUSTAINABLE DEVELOPMENT BASED ON ECONOMY DEVELOPMENT. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2004 , 21, 92-100		
6	Climate or Mitigation Engineering Management. <i>Engineering</i> , 2021 ,	9.7	
5	Measurements and General Characteristics of Energy Poverty in China 2018 , 43-72		
4	Energy Poverty in China: A Comprehensive Assessment and Region-specific Comparison 2018 , 73-121		
3	Solid Fuels in Rural and Their Impacts on Resident Health 2018 , 145-174		
2	Energy Poverty Elimination Policies and Actions 2018 , 253-276		
1	Prospects and Challenges of Energy Poverty Mitigation 2018 , 277-294		