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Efficiency and abatement costs of energy-related CO₂ emissions in China: A slacks-based efficiency measure

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456	Energy conservation in China: Key provincial sectors at two-digit level. <i>Applied Energy</i> , 2013 , 104, 457-465	10.7	13
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454	Total-factor carbon emission performance of fossil fuel power plants in China: A metafrontier non-radial Malmquist index analysis. <i>Energy Economics</i> , 2013 , 40, 549-559	8.3	258
453	Scale directional distance function and its application to the measurement of eco-efficiency in the manufacturing sector. 2013 , 211, 381-398		23
452	Energy efficiency, CO2 emission performance and technology gaps in fossil fuel electricity generation in Korea: A meta-frontier non-radial directional distance function analysis. 2013 , 56, 653-662		254
451	Energy and emissions efficiency patterns of Chinese regions: A multi-directional efficiency analysis. <i>Applied Energy</i> , 2013 , 104, 105-116	10.7	202
450	An empirical analysis of the role of China's exports on CO2 emissions. <i>Applied Energy</i> , 2013 , 104, 258-267	10.7	57
449	A comparative study of dynamic changes in CO2 emission performance of fossil fuel power plants in China and Korea. 2013 , 62, 324-332		116
448	Scenario-based energy efficiency and productivity in China: A non-radial directional distance function analysis. <i>Energy Economics</i> , 2013 , 40, 795-803	8.3	128
447	Technology gap and China's regional energy efficiency: A parametric metafrontier approach. <i>Energy Economics</i> , 2013 , 40, 529-536	8.3	152
446	The measurement of undesirable output based-on DEA in E&E: Models development and empirical analysis. 2013 , 58, 907-912		10
445	Modeling economic performance of interprovincial CO2 emission reduction quota trading in China. <i>Applied Energy</i> , 2013 , 112, 1518-1528	10.7	152
444	Bootstrap-DEA analysis of BRICS's energy efficiency based on small sample data. <i>Applied Energy</i> , 2013 , 112, 1049-1055	10.7	135
443	Environmental efficiency analysis of transportation system in China: A non-radial DEA approach. 2013 , 58, 277-283		298
442	Environmental energy efficiency of China's regional economies: A non-oriented slacks-based measure analysis. 2013 , 50, 225-234		189
441	Energy and Environmental Efficiency of China's Transportation Sector: A Multidirectional Analysis Approach. 2014 , 2014, 1-12		26
440	Sources of China's Economic Growth: An Empirical Analysis Based on the BML Index with Green Growth Accounting. 2014 , 6, 5983-6004		29

439	Estimating the Marginal Abatement Cost of Carbon Emissions: A Non-Radial Efficiency Analysis. 2014 , 1073-1076, 2473-2476		
438	Equitable Access to Sustainable Development: Based on the comparative study of carbon emission rights allocation schemes. <i>Applied Energy</i> , 2014 , 130, 632-640	10.7	33
437	Mitigation potential of carbon dioxide emissions in the Chinese textile industry. <i>Applied Energy</i> , 2014 , 113, 781-787	10.7	36
436	Sources of the potential CO2 emission reduction in China: A nonparametric metafrontier approach. <i>Applied Energy</i> , 2014 , 115, 491-501	10.7	131
435	A two-stage DEA approach for environmental efficiency measurement. 2014 , 186, 3041-51		60
434	Environmental efficiency analysis of port cities: Slacks-based measure data envelopment analysis approach. 2014 , 33, 82-88		78
433	On estimating shadow prices of undesirable outputs with efficiency models: A literature review. <i>Applied Energy</i> , 2014 , 130, 799-806	10.7	130
432	Energy efficiency and capital-energy substitutability: Evidence from four OPEC countries. <i>Applied Energy</i> , 2014 , 119, 363-370	10.7	37
431	DEA radial measurement for environmental assessment: A comparative study between Japanese chemical and pharmaceutical firms. <i>Applied Energy</i> , 2014 , 115, 502-513	10.7	68
430	Cost of energy saving and CO2 emissions reduction in China's iron and steel sector. <i>Applied Energy</i> , 2014 , 130, 603-616	10.7	129
429	Does environmental regulation affect energy efficiency in China's thermal power generation? Empirical evidence from a slacks-based DEA model. 2014 , 66, 537-546		256
428	Regional allocation of carbon emission quotas in China: Evidence from the Shapley value method. 2014 , 74, 454-464		125
427	Measuring sustainability performance for China: A sequential generalized directional distance function approach. 2014 , 41, 392-397		42
426	Optimal strategies for carbon reduction at dual levels in China based on a hybrid nonlinear grey-prediction and quota-allocation model. <i>Journal of Cleaner Production</i> , 2014 , 83, 185-193	10.3	35
425	A new approach to measuring shadow price: Reconciling engineering and economic perspectives. <i>Energy Economics</i> , 2014 , 46, 66-77	8.3	29
424	TiO ₂ -Doped K ₂ CO ₃ /Al ₂ O ₃ Sorbents for CO ₂ Capture. 2014 , 28, 3310-3316		14
423	Exploring shadow prices of carbon emissions at provincial levels in China. 2014 , 46, 407-414		39
422	Research on energy efficiency evaluation based on indicators for industry sectors in China. <i>Applied Energy</i> , 2014 , 134, 550-562	10.7	22

4 ²¹	Can China realize its carbon emission reduction goal in 2020: From the perspective of thermal power development. <i>Applied Energy</i> , 2014 , 124, 199-212	10.7	106
4 ²⁰	A clustering method for evaluating the environmental performance based on slacks-based measure. 2014 , 72, 169-177		18
4 ¹⁹	China's regional industrial energy efficiency and carbon emissions abatement costs. <i>Applied Energy</i> , 2014 , 130, 617-631	10.7	287
4 ¹⁸	Reducing energy consumption and CO ₂ emissions by energy efficiency measures and international trading: A bottom-up modeling for the U.S. iron and steel sector. <i>Applied Energy</i> , 2014 , 120, 133-146	10.7	65
4 ¹⁷	The effect of size-control policy on unified energy and carbon efficiency for Chinese fossil fuel power plants. 2014 , 70, 193-200		132
4 ¹⁶	How will the emissions trading scheme save cost for achieving China's 2020 carbon intensity reduction target?. <i>Applied Energy</i> , 2014 , 136, 1043-1052	10.7	217
4 ¹⁵	Carbon Emissions Abatement Cost in China: Provincial Panel Data Analysis. 2014 , 6, 2584-2600		5
4 ¹⁴	Does international trade improve environmental efficiency? An application of a super slacks-based measure of efficiency. 2015 , 4,		3
4 ¹³	Measuring China's industrial energy efficiency, both DEA and directional distance function approach at the provincial level. 2015 , 18, 358		1
4 ¹²	Research on Rural Nonpoint Source Pollution in the Process of Urban-Rural Integration in the Economically-Developed Area in China Based on the Improved STIRPAT Model. 2015 , 7, 782-793		15
4 ¹¹	Exploring the Spatial-Temporal Disparities of Urban Land Use Economic Efficiency in China and Its Influencing Factors under Environmental Constraints Based on a Sequential Slacks-Based Model. 2015 , 7, 10171-10190		36
4 ¹⁰	Improving Energy Efficiency in Manufacturing Systems [Literature Review and Analysis of the Impact on the Energy Network of Consolidated Practices and Upcoming Opportunities. 2015 ,		5
4 ⁰⁹	Room for improvement in low carbon economies of G7 and BRICS countries based on the analysis of energy efficiency and environmental Kuznets curves. <i>Journal of Cleaner Production</i> , 2015 , 99, 140-151 ^{10.3}		77
4 ⁰⁸	Measuring Environmental Performance Under Regional Heterogeneity in China: A Metafrontier Efficiency Analysis. 2015 , 46, 375-388		35
4 ⁰⁷	On Modeling Environmental Production Characteristics: A Slacks-Based Measure for China's Poyang Lake Ecological Economics Zone. 2015 , 46, 389-404		26
4 ⁰⁶	Comparison of the potential cost savings from carbon emissions trading for the manufacturing industries in three regions of China. 2015 , 6, 161-168		3
4 ⁰⁵	Energy and CO ₂ emissions performance in China's regional economies: Do market-oriented reforms matter?. 2015 , 78, 113-124		157
4 ⁰⁴	Regional differences in China's CO ₂ abatement cost. 2015 , 80, 145-152		24

403	Estimating the Marginal Abatement Cost Curve of CO ₂ Emissions in China: Provincial Panel Data Analysis. <i>Energy Economics</i> , 2015 , 48, 217-229	8.3	54
402	A Bayesian stochastic frontier analysis of Chinese fossil-fuel electricity generation companies. <i>Energy Economics</i> , 2015 , 48, 136-144	8.3	47
401	Energy-saving and emission-abatement potential of Chinese coal-fired power enterprise: A non-parametric analysis. <i>Energy Economics</i> , 2015 , 49, 33-43	8.3	61
400	Environmentally sensitive productivity growth and its decompositions in China: a metafrontier Malmquist-Luenberger productivity index approach. 2015 , 49, 1017-1043		48
399	The comparison analysis of total factor productivity and eco-efficiency in China's cement manufactures. 2015 , 81, 61-66		88
398	Regional sustainability efficiency index in Europe: an additive two-stage DEA approach. 2015 , 15, 1-23		15
397	Toward green IT: Modeling sustainable production characteristics for Chinese electronic information industry, 1980-2012. <i>Technological Forecasting and Social Change</i> , 2015 , 96, 62-70	9.5	66
396	China's regional sustainability and diversified resource allocation: DEA environmental assessment on economic development and air pollution. <i>Energy Economics</i> , 2015 , 49, 239-256	8.3	125
395	Heterogeneous technologies, strategic groups and environmental efficiency technology gaps for European countries. 2015 , 83, 277-287		39
394	Estimating the environmental efficiency and marginal CO ₂ abatement cost of coal-fired power plants in China. 2015 , 85, 347-356		81
393	Carbon emissions from energy intensive industry in China: Evidence from the iron & steel industry. 2015 , 47, 746-754		101
392	A performance evaluation of the energy, environmental, and economic efficiency and productivity in China: An application of global data envelopment analysis. <i>Applied Energy</i> , 2015 , 147, 617-626	10.7	127
391	Modeling the dynamics of carbon emission performance in China: A parametric Malmquist index approach. <i>Energy Economics</i> , 2015 , 49, 550-557	8.3	72
390	Dynamic total factor carbon emissions performance changes in the Chinese transportation industry. <i>Applied Energy</i> , 2015 , 146, 409-420	10.7	129
389	Water use efficiency and related pollutants' abatement costs of regional industrial systems in China: a slacks-based measure approach. <i>Journal of Cleaner Production</i> , 2015 , 101, 301-310	10.3	56
388	CDM's influence on technology transfers: A study of the implemented clean development mechanism projects in China. <i>Applied Energy</i> , 2015 , 158, 355-365	10.7	31
387	Efficiency evaluation of Chinese regional industrial systems with undesirable factors using a two-stage slacks-based measure approach. <i>Journal of Cleaner Production</i> , 2015 , 87, 348-356	10.3	77
386	An empirical analysis of the relationship between environmental performance and sustainable e-governance in China. <i>Technological Forecasting and Social Change</i> , 2015 , 96, 71-78	9.5	11

385	Comprehensive efficiency evaluation of coal enterprises from production and pollution treatment process. <i>Journal of Cleaner Production</i> , 2015 , 104, 374-379	10.3	71
384	Strategic corporate sustainability performance of Chinese state-owned listed firms: A meta-frontier generalized directional distance function approach. 2015 , 52, 300-310		12
383	Forecasting China's energy demand and self-sufficiency rate by grey forecasting model and Markov model. 2015 , 66, 1-8		99
382	Total-factor carbon emission performance of the Chinese transportation industry: A bootstrapped non-radial Malmquist index analysis. 2015 , 41, 584-593		149
381	Measuring ecological total-factor energy efficiency incorporating regional heterogeneities in China. 2015 , 51, 165-172		137
380	CO ₂ emissions, energy consumption, economic and population growth in Malaysia. 2015 , 41, 594-601		431
379	Marginal Abatement Costs of Carbon Dioxide Emissions in China: A Parametric Analysis. 2015 , 61, 191-216		55
378	Industrial Carbon Emissions of China's Regions: A Spatial Econometric Analysis. 2016 , 8, 210		19
377	Measuring the Total-Factor Carbon Emission Performance of Industrial Land Use in China Based on the Global Directional Distance Function and Non-Radial Luenberger Productivity Index. 2016 , 8, 336		13
376	Effect of Population Structure Change on Carbon Emission in China. 2016 , 8, 225		22
375	Measurement of Low Carbon Economy Efficiency with a Three-Stage Data Envelopment Analysis: A Comparison of the Largest Twenty CO ₂ -Emitting Countries. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	29
374	Brownfield Redevelopment Evaluation Based on Fuzzy Real Options. 2016 , 8, 170		8
373	Analysis of CO ₂ Emission Performance and Abatement Potential for Municipal Industrial Sectors in Jiangsu, China. 2016 , 8, 697		9
372	Progressive Time-Weighted Dynamic Energy Efficiency, Energy Decoupling Rate, and Decarbonization: An Empirical Study on G7 and BRICS. 2016 , 8, 928		8
371	Handbook of Operations Analytics Using Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2016 ,	1	10
370	DEA Environmental Assessment (II): A Literature Study. <i>Profiles in Operations Research</i> , 2016 , 445-481	1	2
369	Carbon dioxide-emission in China's power industry: Evidence and policy implications. 2016 , 60, 258-267		93
368	Total-Factor Energy Efficiency and Its Extensions: Introduction, Computation and Application. <i>Profiles in Operations Research</i> , 2016 , 45-69	1	5

367	Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2016 ,	1	17
366	A carbon emissions reduction index: Integrating the volume and allocation of regional emissions. <i>Applied Energy</i> , 2016 , 184, 1154-1164	10.7	36
365	The CO2 emission efficiency, reduction potential and spatial clustering in China's industry: Evidence from the regional level. <i>Applied Energy</i> , 2016 , 174, 213-223	10.7	116
364	Estimating the regional total factor efficiency and pollutants' marginal abatement costs in China: A parametric approach. <i>Applied Energy</i> , 2016 , 184, 230-240	10.7	48
363	Measuring the sustainable performance of industrial land utilization in major industrial zones of China. <i>Technological Forecasting and Social Change</i> , 2016 , 112, 207-219	9.5	38
362	Performance estimation of energy consumption and carbon dioxide emissions for sustainable development in Baltic Sea countries. <i>Journal of Cleaner Production</i> , 2016 , 139, 1370-1382	10.3	22
361	Urban metabolic efficiencies and elasticities of Chinese cities. 2016 , 26, 715-730		4
360	Ecological total-factor energy efficiency of China's energy intensive industries. 2016 , 70, 480-497		60
359	Marginal abatement cost of pollutants for China: A nonparametric approach. 2016 , 11, 753-759		6
358	Measuring China's regional energy and carbon emission efficiency with DEA models: A survey. <i>Applied Energy</i> , 2016 , 183, 1-21	10.7	163
357	Energy and environment efficiency of industry and its productivity effect. <i>Journal of Cleaner Production</i> , 2016 , 135, 184-193	10.3	42
356	Regional environmental efficiency in China: Analysis based on a regional slack-based measure with environmental undesirable outputs. 2016 , 71, 218-228		67
355	Cost and potential of energy conservation and collaborative pollutant reduction in the iron and steel industry in China. <i>Applied Energy</i> , 2016 , 184, 171-183	10.7	38
354	A study of structure-activity relationships of commercial tertiary amines for post-combustion CO2 capture. <i>Applied Energy</i> , 2016 , 184, 219-229	10.7	93
353	Energy efficiency and production technology heterogeneity in China's agricultural sector: A meta-frontier approach. <i>Technological Forecasting and Social Change</i> , 2016 , 109, 25-34	9.5	89
352	The energy-environment efficiency of road and railway sectors in China: Evidence from the provincial level. 2016 , 69, 559-570		51
351	Energy caps: Alternative climate policy instruments for China?. <i>Energy Economics</i> , 2016 , 56, 422-431	8.3	18
350	A Framework for Reducing Global Manufacturing Emissions. 2016 , 25, 159-190		16

349	How to reduce CO ₂ emissions in China's iron and steel industry. 2016 , 57, 1496-1505		62
348	On dealing with the pollution costs in agriculture: A case study of paddy fields. <i>Science of the Total Environment</i> , 2016 , 556, 310-8	10.2	12
347	Returns to damage under undesirable congestion and damages to return under desirable congestion measured by DEA environmental assessment with multiplier restriction: Economic and energy planning for social sustainability in China. <i>Energy Economics</i> , 2016 , 56, 288-309	8.3	33
346	Carbon emissions dynamics, efficiency gains, and technological innovation in China's industrial sectors. <i>Energy</i> , 2016 , 99, 10-19	7.9	102
345	Efficiency and reduction cost of carbon emissions in China: a non-radial directional distance function method. <i>Journal of Cleaner Production</i> , 2016 , 113, 624-634	10.3	40
344	Measuring regional efficiency of energy and carbon dioxide emissions in China: A chance constrained DEA approach. 2016 , 66, 351-361		75
343	Data envelopment analysis for unified efficiency evaluation: an assessment of regional industries in China. <i>Journal of Cleaner Production</i> , 2016 , 113, 695-704	10.3	14
342	Is there a difference between the energy and CO ₂ emission performance for China's thermal power industry? A bootstrapped directional distance function approach. <i>Applied Energy</i> , 2016 , 162, 1552-1563	10.7	66
341	Bounded and discrete data and Likert scales in data envelopment analysis: application to regional energy efficiency in China. 2017 , 255, 347-366		41
340	Sustainability characteristics of China's Poyang Lake Eco-Economics Zone in the big data environment. <i>Journal of Cleaner Production</i> , 2017 , 142, 642-653	10.3	28
339	Regional low-carbon economy efficiency in China: analysis based on the Super-SBM model with CO ₂ emissions. <i>Journal of Cleaner Production</i> , 2017 , 163, 202-211	10.3	86
338	China's regional energy and carbon dioxide emissions efficiency evaluation with the presence of recovery energy: an interval slacks-based measure approach. 2017 , 255, 301-321		17
337	Regional energy-environmental performance and investment strategy for China's non-ferrous metals industry: a non-radial DEA based analysis. <i>Journal of Cleaner Production</i> , 2017 , 163, 187-201	10.3	55
336	The integrated efficiency of inputs/outputs and energy/CO ₂ emissions performance of China's agricultural sector. 2017 , 75, 668-676		36
335	Ecological total-factor energy efficiency of China's heavy and light industries: Which performs better?. 2017 , 72, 83-94		65
334	Evolution and projection of CO ₂ emissions for China's cement industry from 1980 to 2020. 2017 , 74, 522-537		74
333	Regional energy intensity reduction potential in China: A non-parametric analysis approach. <i>Journal of Cleaner Production</i> , 2017 , 149, 426-435	10.3	18
332	The carbon dioxide marginal abatement cost calculation of Chinese provinces based on stochastic frontier analysis. 2017 , 85, 505-521		7

331	Assessment on the energy flow and carbon emissions of integrated steelmaking plants. 2017 , 3, 29-36		26
330	The substitutability of non-fossil energy, potential carbon emission reduction and energy shadow prices in China. 2017 , 107, 63-71		29
329	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
328	A Novel Model for Correlation and Predication of the Equilibrium CO ₂ Solubility in Seven Tertiary Solvents. 2017 , 105, 4476-4481		3
327	Carbon emission reduction potentials under different polices in Chinese cities: A scenario-based analysis. <i>Journal of Cleaner Production</i> , 2017 , 161, 1226-1236	10.3	13
326	Emergy based sustainability evaluation for Yunnan Province, China. <i>Journal of Cleaner Production</i> , 2017 , 162, 1388-1397	10.3	37
325	Carbon Cap-and-Trade in China: A Comprehensive Framework. 2017 , 53, 1152-1169		6
324	Thermodynamics and ANN models for predication of the equilibrium CO ₂ solubility in aqueous 3-dimethylamino-1-propanol solution. 2017 , 63, 77-85		16
323	Towards green growth and management: Relative efficiency and gaps of Chinese cities. 2017 , 80, 481-494		24
322	Environment-adjusted operational performance evaluation of solar photovoltaic power plants: A three stage efficiency analysis. 2017 , 76, 1153-1162		36
321	Energy efficiency and marginal carbon dioxide emission abatement cost in urban China. 2017 , 105, 246-255		61
320	The elasticity of the potential of emission reduction to energy saving: Definition, measurement, and evidence from China. 2017 , 78, 395-404		21
319	Measuring and decomposing profit inefficiency through the Slacks-Based Measure. 2017 , 260, 650-654		21
318	Regional energy efficiency and its determinants in China during 2001-2010: a slacks-based measure and spatial econometric analysis. 2017 , 47, 65-81		43
317	A comprehensive review of data envelopment analysis (DEA) approach in energy efficiency. 2017 , 70, 1298-1322		288
316	China's CO ₂ emissions of a critical sector: Evidence from energy intensive industries. <i>Journal of Cleaner Production</i> , 2017 , 142, 4270-4281	10.3	32
315	The congestion total-factor energy efficiency of regions in Taiwan. 2017 , 110, 710-718		20
314	Regional eco-efficiency and pollutants' marginal abatement costs in China: A parametric approach. <i>Journal of Cleaner Production</i> , 2017 , 167, 619-629	10.3	45

313	Did China's regional transport industry enjoy better carbon productivity under regulations?. <i>Journal of Cleaner Production</i> , 2017 , 165, 777-787	10.3	24
312	Shadow Price Estimation of CO ₂ in China's Regional Iron and Steel Industry. 2017 , 105, 3125-3131		7
311	Two-stage efficiency evaluation of production and pollution control in Chinese iron and steel enterprises. <i>Journal of Cleaner Production</i> , 2017 , 165, 611-620	10.3	34
310	Characterization of CO ₂ Absorption and Carbamate Precipitate in Phase-Change N-Methyl-1,3-diaminopropane/N,N-Dimethylformamide Solvent. 2017 , 31, 13972-13978		8
309	Rationality of energy efficiency improvement targets under the PAT scheme in India – A case of thermal power plants. <i>Energy Economics</i> , 2017 , 66, 279-289	8.3	26
308	Applying a Ruggiero three-stage super-efficiency DEA model to gauge regional carbon emission efficiency: evidence from China. 2017 , 87, 1453-1468		23
307	New Directions in Productivity Measurement and Efficiency Analysis. 2017 ,		2
306	CO ₂ emissions efficiency and marginal abatement costs of the regional transportation sectors in China. 2017 , 50, 83-97		66
305	Technology gap and CO ₂ emission reduction potential by technical efficiency measures: A meta-frontier modeling for the Chinese agricultural sector. 2017 , 73, 653-661		36
304	The low-carbon technology characteristics of China's ferrous metal industry. <i>Journal of Cleaner Production</i> , 2017 , 140, 1739-1748	10.3	15
303	International comparison of total-factor energy productivity growth: A parametric Malmquist index approach. <i>Energy</i> , 2017 , 118, 481-488	7.9	51
302	Energy efficiency evolution of China's paper industry. <i>Journal of Cleaner Production</i> , 2017 , 140, 1105-1117	10.3	53
301	Does energy and CO emissions performance of China benefit from regional integration?. 2017 , 101, 366-378		61
300	Potential assessment of optimizing energy structure in the city of carbon intensity target. <i>Applied Energy</i> , 2017 , 194, 765-773	10.7	27
299	Sustainability performance for China's transportation industry under the environmental regulation. <i>Journal of Cleaner Production</i> , 2017 , 142, 688-696	10.3	21
298	Fossil energy saving and CO ₂ emissions reduction performance, and dynamic change in performance considering renewable energy input. <i>Energy</i> , 2017 , 120, 283-292	7.9	32
297	A literature study for DEA applied to energy and environment. <i>Energy Economics</i> , 2017 , 62, 104-124	8.3	248
296	What are the effects of different tax policies on China's coal-fired power generation industry? An empirical research from a network slacks-based measure perspective. <i>Journal of Cleaner Production</i> , 2017 , 142, 2816-2827	10.3	31

295 Estimating the cost of carbon abatement for China. 232-248

294 Marginal Abatement Cost of CO₂ in China Based on Directional Distance Function: An Industry Perspective. **2017**, 9, 138 4

293 The Allocation of Carbon Intensity Reduction Target by 2020 among Industrial Sectors in China. **2017**, 9, 148 26

292 CO₂ Emission Performance, Mitigation Potential, and Marginal Abatement Cost of Industries Covered in China's Nationwide Emission Trading Scheme: A Meta-Frontier Analysis. **2017**, 9, 932 4

291 China's SO₂ shadow prices and environmental technical efficiency at the province level. **2018**, 57, 86-102 35

290 A gravity model and exploratory spatial data analysis of prefecture-scale pollutant and CO₂ emissions in China. **2018**, 90, 554-563 38

289 LITERATURE STUDY FOR DEA ENVIRONMENTAL ASSESSMENT. **2018**, 625-683

288 Productivity and energy efficiency assessment of existing industrial gases facilities via data envelopment analysis and the Malmquist index. *Applied Energy*, **2018**, 212, 1563-1577 10.7 34

287 Environmental efficiency for 192 thermal power plants in the Yangtze River Delta considering heterogeneity: A metafrontier directional slacks-based measure approach. **2018**, 82, 3962-3971 68

286 CO₂ absorption and diffusion in ionic liquid [P66614][Triz] modified molecular sieves SBA-15 with various pore lengths. **2018**, 172, 216-224 24

285 Dynamic change in energy and CO₂ performance of China's commercial sector: A regional comparative study. **2018**, 119, 113-122 22

284 Trinity on thin ice: Integrating three perspectives on the European Union's likelihood of achieving energy and climate targets. **2018**, 42, 247-257 4

283 A general equilibrium assessment of economic impacts of provincial unbalanced carbon intensity targets in China. *Resources, Conservation and Recycling*, **2018**, 133, 157-168 11.9 20

282 The effect of urbanization on carbon dioxide emissions efficiency in the Yangtze River Delta, China. *Journal of Cleaner Production*, **2018**, 188, 38-48 10.3 76

281 Estimation and allocation of cost savings from collaborative CO₂ abatement in China. *Energy Economics*, **2018**, 72, 62-74 8.3 24

280 Energy-related CO₂ emissions in the China's iron and steel industry: A global supply chain analysis. *Resources, Conservation and Recycling*, **2018**, 129, 392-401 11.9 55

279 Sustainable water use and water shadow price in China's urban industry. *Resources, Conservation and Recycling*, **2018**, 128, 489-498 11.9 29

278 Data envelopment analysis application in sustainability: The origins, development and future directions. **2018**, 264, 1-16 159

277	The economic impact of agricultural pollutions in Iran, spatial distance function approach. <i>Science of the Total Environment</i> , 2018 , 616-617, 1656-1663	10.2	9
276	Environmental effects of China's solar photovoltaic industry during 2011-2016: A life cycle assessment approach. <i>Journal of Cleaner Production</i> , 2018 , 170, 310-329	10.3	39
275	CO2 emission abatement cost and its decomposition: A directional distance function approach. <i>Journal of Cleaner Production</i> , 2018 , 170, 205-215	10.3	14
274	A meta-frontier DEA approach to efficiency comparison of carbon reduction technologies on project level. 2018 , 82, 2606-2612		22
273	Exploring the relationship between urbanization and urban eco-efficiency: Evidence from prefecture-level cities in China. <i>Journal of Cleaner Production</i> , 2018 , 195, 1487-1496	10.3	125
272	The comprehensive environmental efficiency of socioeconomic sectors in China: An analysis based on a non-separable bad output SBM. <i>Journal of Cleaner Production</i> , 2018 , 176, 1091-1110	10.3	40
271	Environmental assessment and investment strategy for China's manufacturing industry: A non-radial DEA based analysis. <i>Journal of Cleaner Production</i> , 2018 , 175, 501-511	10.3	38
270	The Potential Gains from Carbon Emissions Trading in China's Industrial Sectors. 2018 , 52, 1175-1194		12
269	Can China Achieve the 2020 and 2030 Carbon Intensity Targets through Energy Structure Adjustment?. 2018 , 11, 2721		8
268	Considering Emission Treatment for Energy-Efficiency Improvement and Air Pollution Reduction in China's Industrial Sector. 2018 , 10, 4329		12
267	Fujian's Industrial Eco-Efficiency: Evaluation Based on SBM and the Empirical Analysis of Influencing Factors. 2018 , 10, 3333		14
266	Regional Energy, CO2, and Economic and Air Quality Index Performances in China: A Meta-Frontier Approach. 2018 , 11, 2119		3
265	Carbon Dioxide Emissions Efficiency Analysis on China's Coastal Areas: A Super-Efficiency SBM Model. 2018 ,		1
264	Estimation of industrial energy efficiency and corresponding spatial clustering in urban China by a meta-frontier model. 2018 , 43, 290-304		16
263	Spatial-temporal disparities, saving potential and influential factors of industrial land use efficiency: A case study in urban agglomeration in the middle reaches of the Yangtze River. 2018 , 75, 518-529		72
262	Regional differences on CO2 emission efficiency in metallurgical industry of China. 2018 , 120, 302-311		77
261	China's regional ecological energy efficiency and energy saving and pollution abatement potentials: An empirical analysis using epsilon-based measure model. <i>Journal of Cleaner Production</i> , 2018 , 194, 300-308	10.3	55
260	Environmental efficiency analysis and estimation of CO2 abatement costs in dairy cattle farms in Umbria (Italy): A SBM-DEA model with undesirable output. <i>Journal of Cleaner Production</i> , 2018 , 197, 895-907	10.3	91

259	Estimation of marginal abatement costs of CO in Chinese provinces under 2020 carbon emission rights allocation: 2005-2020. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 24445-24468	5.1	7
258	Resource utilization for sustainability enhancement in Japanese industries. <i>Applied Energy</i> , 2018 , 228, 2308-2320	10.7	12
257	A Study on the Sustainable Performance of the Steel Industry in Korea Based on SBM-DEA. 2018 , 10, 173		20
256	The Shadow Prices of Carbon Emissions in China's Planting Industry. 2018 , 10, 753		14
255	Estimation of carbon efficiency decomposition in materials and potential material savings for China's construction industry. 2018 , 59, 148-159		12
254	Structure decomposition analysis of embodied carbon from transition economies. <i>Technological Forecasting and Social Change</i> , 2018 , 135, 1-12	9.5	18
253	Allocating provincial CO2 quotas for the Chinese national carbon program. 2018 , 62, 457-479		27
252	Dose urban landscape pattern affect CO2 emission efficiency? Empirical evidence from megacities in China. <i>Journal of Cleaner Production</i> , 2018 , 203, 164-178	10.3	27
251	Will regional economic integration influence carbon dioxide marginal abatement costs? Evidence from Chinese panel data. <i>Energy Economics</i> , 2018 , 74, 263-274	8.3	33
250	Energy efficiency, carbon dioxide emission efficiency, and related abatement costs in regional China: a synthesis of input-output analysis and DEA. 2019 , 12, 863-877		17
249	A long-term meta-frontier analysis of energy and emission efficiencies between G7 and BRICS. 2019 , 12, 879-893		10
248	Extended DEA model under type-2 fuzzy environment. 2019 , 48, 1095-1133		2
247	The Convergence of China's Marginal Abatement Cost of CO2: An Emission-Weighted Continuous State Space Approach. 2019 , 72, 1099-1119		14
246	Effect of installed capacity size on environmental efficiency across 528 thermal power stations in North China. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 29822-29833	5.1	16
245	Carbon emissions efficiency and abatement cost under inter-region differentiated mitigation strategies: A modified DDF model. 2019 , 532, 121888		7
244	Evaluation of Energy-Environment Efficiency of European Transport Sectors: Non-Radial DEA and TOPSIS Approach. 2019 , 12, 2907		14
243	Efficiency and marginal abatement cost of PM2.5 in China: A parametric approach. <i>Journal of Cleaner Production</i> , 2019 , 235, 57-68	10.3	11
242	A critical review of distance function based economic research on China's marginal abatement cost of carbon dioxide emissions. <i>Energy Economics</i> , 2019 , 84, 104533	8.3	19

241	Transportation Efficiency Evaluation Considering the Environmental Impact for China's Freight Sector: A Parallel Data Envelopment Analysis. 2019 , 11, 5108		12
240	Inequalities in carbon intensity in China: A multi-scalar and multi-mechanism analysis. <i>Applied Energy</i> , 2019 , 254, 113720	10.7	21
239	Coupling analysis of urbanization and energy-environment efficiency: Evidence from Guangdong province. <i>Applied Energy</i> , 2019 , 254, 113650	10.7	65
238	Comparative Analysis of the Energy and CO2 Emissions Performance and Technology Gaps in the Agglomerated Cities of China and South Korea. 2019 , 11, 475		5
237	Investigating interior driving factors and cross-industrial linkages of carbon emission efficiency in China's construction industry: Based on Super-SBM DEA and GVAR model. <i>Journal of Cleaner Production</i> , 2019 , 241, 118322	10.3	55
236	Improvement path, the improvement potential and the dynamic evolution of regional energy efficiency in China: Based on an improved nonradial multidirectional efficiency analysis. 2019 , 133, 110883		23
235	Treating undesirable outputs in DEA: A critical review. 2019 , 62, 97-104		64
234	Carbon mitigation effects and potential cost savings from carbon emissions trading in China's regional industry. <i>Technological Forecasting and Social Change</i> , 2019 , 141, 1-11	9.5	44
233	Resource abundance, industrial structure, and regional carbon emissions efficiency in China. 2019 , 60, 203-214		114
232	The Impact of Economic Growth and Air Pollution on Public Health in 31 Chinese Cities. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	11
231	Economic Transition under Carbon Emission Constraints in China: An Evaluation at the City Level. 2019 , 55, 1280-1293		2
230	New Energy Development and Pollution Emissions in China. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	8
229	Ecoefficiency, environmental regulation opportunity costs, and interregional industrial transfers: Evidence from the Yangtze River Economic Belt in China. <i>Journal of Cleaner Production</i> , 2019 , 233, 611-625	10.3	29
228	Measuring green growth performance of China's chemical industry. <i>Resources, Conservation and Recycling</i> , 2019 , 149, 160-167	11.9	14
227	Sustainability Governance in China: An Analysis of Regional Ecological Efficiency. 2019 , 11, 1958		8
226	Understanding the trend of total factor carbon productivity in the world: Insights from convergence analysis. <i>Energy Economics</i> , 2019 , 81, 698-708	8.3	37
225	Energy and emission reduction efficiency of China's industry sector: a non-radial directional distance function analysis. 2019 , 10, 333-347		7
224	Towards a green world: How do green technology innovations affect total-factor carbon productivity. 2019 , 131, 240-250		165

223	Energy, CO ₂ , AQI and economic performance in 31 cities in China: a slacks-based dynamic data envelopment analysis. 2019 , 10, 269-286		5
222	Does Energy-Growth and Environment Quality Matter for Agriculture Sector in Pakistan or not? An Application of Cointegration Approach. 2019 , 12, 1879		21
221	Assessing regional environmental efficiency in China with distinguishing weak and strong disposability of undesirable outputs. <i>Journal of Cleaner Production</i> , 2019 , 227, 748-759	10.3	38
220	Energy-carbon performance and its changing trend: An example from China's construction industry. <i>Resources, Conservation and Recycling</i> , 2019 , 145, 379-388	11.9	17
219	The static and dynamic heterogeneity and determinants of marginal abatement cost of CO ₂ emissions in Chinese cities. <i>Energy</i> , 2019 , 178, 685-694	7.9	36
218	Energy Efficiency of the Baltic Sea Countries: An Application of Stochastic Frontier Analysis. 2019 , 12, 104		13
217	Efficiency evaluation of thermal power plants in China based on the weighted Russell directional distance method. <i>Journal of Cleaner Production</i> , 2019 , 222, 573-583	10.3	16
216	Revaluing the costs and benefits of energy efficiency: A systematic review. 2019 , 54, 68-84		24
215	Emission Reduction and Energy Performance Improvement with Different Regional Treatment Intensity in China. 2019 , 12, 237		5
214	Analysis of CO ₂ equilibrium solubility of seven tertiary amine solvents using thermodynamic and ANN models. 2019 , 249, 61-72		36
213	The influence of market reform on the CO ₂ emission efficiency of China. <i>Journal of Cleaner Production</i> , 2019 , 225, 236-247	10.3	12
212	Polyethyleneimine entwine thermally-treated Zn/Co zeolitic imidazolate frameworks to enhance CO ₂ adsorption. 2019 , 364, 530-540		39
211	Energy, CO ₂ , and AQI Efficiency and Improvement of the Yangtze River Economic Belt. 2019 , 12, 647		9
210	Estimating Regional Shadow Prices of CO ₂ in China: A Directional Environmental Production Frontier Approach. 2019 , 11, 429		3
209	Investment strategy analysis of emission-reduction technology under cost subsidy policy in the carbon trading market. 2019 , 49, 252-284		7
208	References. 2019 , 433-445		
207	Application of a robust data envelopment analysis model for performance evaluation of electricity distribution companies. 2019 , ahead-of-print,		2
206	Space-Time Effect Modelling with Machine Learning: A Scalable Approach for Assessing Efficiency of Coal Resources. 2019 ,		

205	Dynamic Linkages among Economic Development, Energy Consumption, Environment and Health Sustainable in EU and Non-EU Countries. 2019 , 7,		11
204	Energy Efficiency Improvement Assessment in Africa: An Integrated Dynamic DEA Approach. 2019 , 12, 3915		15
203	Impact of Media Reports and Environmental Pollution on Health and Health Expenditure Efficiency. 2019 , 7,		1
202	Comparing Economics, Environmental Pollution and Health Efficiency in China. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
201	Evaluating Production Process Efficiency of Provincial Greenhouse Vegetables in China Using Data Envelopment Analysis: A Green and Sustainable Perspective. 2019 , 7, 780		3
200	Climate Drives Environmental Efficiency Across Chinese Provinces. 2019 , 12, 194008291987326		0
199	The Assessment of Carbon Performance under the Region-Sector Perspective based on the Nonparametric Estimation: A Case Study of the Northern Province in China. 2019 , 11, 6031		0
198	Industrial environmental efficiency, foreign direct investment and export Evidence from 30 provinces in China. <i>Journal of Cleaner Production</i> , 2019 , 212, 1490-1498	10.3	27
197	Examining the effects of socioeconomic development on China's carbon productivity: A panel data analysis. <i>Science of the Total Environment</i> , 2019 , 659, 681-690	10.2	34
196	Impact of financial development and economic growth on environmental quality: an empirical analysis from Belt and Road Initiative (BRI) countries. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 2253-2269	5.1	114
195	Urban energy environment efficiency in China: Based on dynamic meta-frontier slack-based measures. 2019 , 69, 320-332		9
194	A hierarchical SBM-Tobit approach for examining the influencing factors of industrial CO2 emission efficiency in the Yangtze River Delta. 2019 , 12, 1		
193	Material flow analysis and spatial pattern analysis of petroleum products consumption and petroleum-related CO2 emissions in China during 1995-2017. <i>Journal of Cleaner Production</i> , 2019 , 209, 40-52	10.3	11
192	Industrial carbon abatement allocations and regional collaboration: Re-evaluating China through a modified data envelopment analysis. <i>Applied Energy</i> , 2019 , 233-234, 232-243	10.7	21
191	Evaluating the CO2 performance of China's non-ferrous metals Industry: A total factor meta-frontier Malmquist index perspective. <i>Journal of Cleaner Production</i> , 2019 , 209, 1061-1077	10.3	29
190	Silk Road Economic Belt strategy and industrial total-factor productivity. 2019 , 30, 260-282		13
189	Evaluating the sustainability of national logistics performance using Data Envelopment Analysis. 2019 , 74, 35-46		74
188	Study on the estimation, decomposition and application of China's provincial carbon marginal abatement costs. <i>Journal of Cleaner Production</i> , 2019 , 207, 1007-1022	10.3	14

187	Reduction measures for air pollutants and greenhouse gas in the transportation sector: A cost-benefit analysis. <i>Journal of Cleaner Production</i> , 2019 , 207, 1023-1032	10.3	19
186	Carbon emissions efficiency in China: Key facts from regional and industrial sector. <i>Journal of Cleaner Production</i> , 2019 , 206, 850-869	10.3	48
185	Rank reversal issues in DEA models for China's regional energy efficiency assessment. 2019 , 12, 993-1006		12
184	Does major agriculture production zone have higher carbon efficiency and abatement cost under climate change mitigation?. 2019 , 105, 376-385		13
183	Does energy research funding work? Evidence from the Natural Science Foundation of China using TEI@I method. <i>Technological Forecasting and Social Change</i> , 2019 , 144, 369-380	9.5	4
182	Technical and environmental efficiency of livestock farms in China: A slacks-based DEA approach. 2020 , 62, 101213		10
181	Dynamic efficiency evaluation of state-level business incubators in China by using a slacks-based measure approach. 2020 , 37, e12285		1
180	Can sustainable operations achieve economic benefit and energy saving for manufacturing industries in China?. 2020 , 290, 145-168		6
179	Measuring the Energy Saving and CO2 Emissions Reduction Potential Under China's Belt and Road Initiative. 2020 , 55, 1095-1116		39
178	Congestion assessment for the Belt and Road countries considering carbon emission reduction. <i>Journal of Cleaner Production</i> , 2020 , 242, 118405	10.3	18
177	Purchasing price assessment of leverage items: A Data Envelopment Analysis approach. <i>International Journal of Production Economics</i> , 2020 , 223, 107521	9.3	2
176	Study of haze emission efficiency based on new co-opetition data envelopment analysis. 2020 , 37, e12466		4
175	Measuring and Improving Eco-efficiency. 2020 , 25, 373-395		1
174	The shadow prices of CO2 and SO2 for Chinese Coal-fired Power Plants: A partial frontier approach. <i>Energy Economics</i> , 2020 , 85, 104576	8.3	22
173	Carbon congestion effects in China's industry: Evidence from provincial and sectoral levels. <i>Energy Economics</i> , 2020 , 86, 104635	8.3	25
172	Carbon dioxide reforming of methane over MgO-promoted Ni/SiO2 catalysts with tunable Ni particle size. 2020 , 356, 589-596		17
171	Energy-saving and emission reduction potential of the tobacco industry: A case study of China's 18 cigarette enterprises. <i>Journal of Cleaner Production</i> , 2020 , 244, 118429	10.3	10
170	Dynamic and network slack-based measure analysis of China's regional energy and air pollution reduction efficiencies. <i>Journal of Cleaner Production</i> , 2020 , 251, 119546	10.3	13

169	China's regional environmental efficiency evaluation: a dynamic analysis with biennial Malmquist productivity index based on common weights. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 39726-39741	5.1	10
168	The hotspots, reference routes, and research trends of marginal abatement costs: A systematic review. <i>Journal of Cleaner Production</i> , 2020 , 252, 119809	10.3	9
167	Dynamic linkages among economic development, environmental pollution and human health in Chinese. 2020 , 18, 32		2
166	Effectiveness of China's provincial industrial carbon emission reduction and optimization of carbon emission reduction paths in "lagging regions": Efficiency-cost analysis. 2020 , 275, 111221		18
165	Low-Carbon Consumption in China: Residential Behavior, Corporate Practices and Policy Implication. 2020 ,		1
164	Study on the influence of carbon emission constraints on the performance of thermal power enterprises. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 30875-30884	5.1	4
163	Dynamic Impacts of Economic Growth and Forested Area on Carbon Dioxide Emissions in Malaysia. 2020 , 12, 9375		12
162	Study on the Atmospheric Environmental Efficiency of the Silk Road Economic Belt of China Based on Energy conservation and Emission Reduction. 2020 , 793, 012051		
161	On the Unbalanced Atmospheric Environmental Performance of Major Cities in China. 2020 , 12, 5391		8
160	Advances in Efficiency and Productivity II. <i>Profiles in Operations Research</i> , 2020 ,	1	
159	The impact of coal and non-coal consumption on China's energy performance improvement. 2020 , 44, 334-352		1
158	How to Set the Proper CO2 Reduction Targets for the Provincial Building Sector of China?. 2020 , 12, 10432		4
157	Provincial Carbon Emission Quota Allocation Study in China from the Perspective of Abatement Cost and Regional Cooperation. 2020 , 12, 8457		3
156	Spatiotemporal evolution of urban carbon emission performance in China and prediction of future trends. 2020 , 30, 757-774		9
155	Eco-Efficiency Assessment for Some European Countries Using Slacks-Based Measure Data Envelopment Analysis. 2020 , 10, 1760		9
154	A bibliometric study for DEA applied to energy efficiency: Trends and future challenges. <i>Applied Energy</i> , 2020 , 268, 115048	10.7	36
153	Analysis of resource allocation and environmental performance in China's three major urban agglomerations. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 34289-34299	5.1	7
152	Energy Efficiency and Health Efficiency of Old and New EU Member States. 2020 , 8, 168		3

151	Scenarios evaluation on the greenhouse gases emission reduction potential in Iran's thermal power plants based on the LEAP model. 2020 , 192, 235		6
150	Will China Achieve Its Ambitious Goal? Forecasting the CO2 Emission Intensity of China towards 2030. 2020 , 13, 2924		9
149	The Energy Efficiency and the Impact of Air Pollution on Health in China. 2020 , 8,		3
148	How can Belt and Road countries contribute to global low-carbon development?. <i>Journal of Cleaner Production</i> , 2020 , 256, 120717	10.3	29
147	Designing energy policy based on dynamic change in energy and carbon dioxide emission performance of China's iron and steel industry. <i>Journal of Cleaner Production</i> , 2020 , 256, 120412	10.3	23
146	Analysis and Evaluation of the Regional Characteristics of Carbon Emission Efficiency for China. 2020 , 12, 3138		8
145	Measuring the Energy and Carbon Emission Efficiency of Regional Transportation Systems in China: Chance-Constrained DEA Models. 2020 , 2020, 1-12		6
144	Does sustainable growth, energy consumption and environment challenges matter for Belt and Road Initiative feat? A novel empirical investigation. <i>Journal of Cleaner Production</i> , 2020 , 262, 121344	10.3	44
143	The dynamic nonlinear influence of ICT, financial development, and institutional quality on CO2 emission in Pakistan: new insights from QARDL approach. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 24190-24200	5.1	81
142	Evaluation of the impact of energy utilization and PM on respiratory health in China. 2021 , 32, 380-402		
141	Measuring technical inefficiency and CO2 shadow price of Korean fossil-fuel generation companies using deterministic and stochastic approaches. 2021 , 32, 403-423		
140	Shadow prices of industrial air pollutant emissions in China. 2021 , 94, 726-736		10
139	Sustainable efficiency evaluation of regional state-level technology business incubating service systems in China: A dynamic two-stage slacks-based measure approach. <i>Journal of Cleaner Production</i> , 2021 , 279, 123688	10.3	1
138	Innovation performance evaluation for high-tech companies using a dynamic network data envelopment analysis approach. 2021 , 292, 199-212		13
137	The change in energy and carbon emissions efficiency after afforestation in China by applying a modified dynamic SBM model. <i>Energy</i> , 2021 , 216, 119301	7.9	15
136	Total factor energy efficiency in Chinese manufacturing industry under industry and regional heterogeneities. <i>Resources, Conservation and Recycling</i> , 2021 , 168, 105255	11.9	15
135	Dynamics of pollutants's shadow price and its driving forces: An analysis on China's two major pollutants at provincial level. <i>Journal of Cleaner Production</i> , 2021 , 283, 124625	10.3	10
134	Causal analysis of the dynamic link between energy growth and environmental quality for agriculture sector: a piece of evidence from India. 2021 , 23, 7913-7930		3

133	The Price of Pollution? A Distance Function Approach to Valuing Multiple Pollutants in China. 2021 , 57, 1050-1067		
132	Does Service Trade Globalization Promote Trade and Low-Carbon Globalization? Evidence from 30 Countries. 2021 , 57, 1455-1473		9
131	The environmental health and energy efficiency in China: A network slacks-based measure. 0958305X2199148	3	
130	DEA Application in Sustainability 1996-2019: The Origins, Development, and Future Directions. <i>Profiles in Operations Research</i> , 2021 , 71-109	1	1
129	Lurking in the Shadows: The Impact of Emissions Target Setting on Carbon Pricing and Environmental Efficiency. <i>SSRN Electronic Journal</i> ,	1	1
128	Study of Haze Emission Efficiency Based on New Co-opetition DEA. 2021 , 507-545		
127	Assessing Renewable Energy Production Capabilities Using DEA Window and Fuzzy TOPSIS Model. 2021 , 13, 334		30
126	Meta-frontier-based assessment on carbon emission performance considering different mitigation strategies: Evidence from China's manufacturing sectors. <i>Journal of Cleaner Production</i> , 2021 , 289, 125662	10.3	0
125	The impact of economic growth, FDI, and innovation on environmental efficiency of the logistics industry in provinces along the belt and road in China: An empirical study based on the panel Tobit model. 2021 , 104, 368504211018054		6
124	ESTIMATING THE POTENTIAL CO2 EMISSION REDUCTION IN 97 CONTRACTING COUNTRIES OF THE PARIS AGREEMENT. 2021 , 12, 2150004		4
123	A two-stage eco-efficiency evaluation of China's industrial sectors: A dynamic network data envelopment analysis (DNDEA) approach. 2021 , 148, 879-892		8
122	Do marginal abatement costs matter for improving air quality? Evidence from China's major cities. 2021 , 286, 112123		2
121	Carbon allocation targeting with abatement capability: A firm-level study. <i>International Journal of Production Economics</i> , 2021 , 235, 108092	9.3	2
120	The distribution and regional determinants of nationally financed emissions-reduction projects in China. 2021 , 152, 112215		2
119	FDI, economic growth, and carbon emissions of the Chinese steel industry: new evidence from a 3SLS model. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 52547-52564	5.1	11
118	Impact of environmental regulations on carbon emissions of transportation infrastructure: China's evidence. 2021 , 2, 100010		5
117	Eco-Efficiency Analysis for the Russian Cities along the Northern Sea Route: A Data Envelopment Analysis Approach Using an Epsilon-Based Measure Model. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
116	Spatio-temporal evolution characteristics and influencing factors of carbon emission reduction potential in China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59925-59944	5.1	1

115	Does internet development improve green total factor energy efficiency? Evidence from China. 2021 , 153, 112247		72
114	Developing effective CO ₂ and SO ₂ mitigation strategy based on marginal abatement costs of coal-fired power plants in China. <i>Applied Energy</i> , 2021 , 294, 116978	10.7	12
113	Driving Forces of Water Intensity in China's Industrial Sector: A Global Meta-Frontier Production-theoretical Decomposition Analysis. 2021 , 07, 2150010		0
112	Life-cycle data envelopment analysis to measure efficiency and cost-effectiveness of environmental regulation in China's transport sector. 2021 , 126, 107717		5
111	Energy consumption, economic growth, and environmental sustainability challenges for Belt and Road countries: a fresh insight from "Chinese Going Global Strategy". <i>Environmental Science and Pollution Research</i> , 2021 , 28, 65987-65999	5.1	1
110	Dynamic Energy Efficiency, Energy Decoupling Rate, and Decarbonization: Evidence from ASEAN+6. 2021 , 11, 215824402110472		0
109	Ecological efficiency evaluation of China's port industries with imprecise data. 1		0
108	The impact of media reports on energy and environmental efficiency in China: evidence from modified dynamic DEA with undesirable outputs. 2021 , 19, 51		0
107	Carbon emission efficiency and spatio-temporal dynamic evolution of the cities in Beijing-Tianjin-Hebei Region, China. 1		2
106	The cost of low-carbon transition for China's coal-fired power plants: A quantile frontier approach. <i>Technological Forecasting and Social Change</i> , 2021 , 169, 120809	9.5	7
105	Energy Costs of Reducing Industrial Sulfur Dioxide Emissions in China. 2021 , 13, 10726		
104	Evaluating the cost of emissions in a pool-based electricity market. <i>Applied Energy</i> , 2021 , 298, 117253	10.7	0
103	Measuring total-factor energy environment efficiency, energy-saving and carbon emission-reduction potential in China's food industry: Based on a meta-frontier slacks-based measure model. e324		0
102	The patterns and determinants of the carbon shadow price in China's industrial sector: A by-production framework with directional distance function. <i>Journal of Cleaner Production</i> , 2021 , 323, 129175	10.3	3
101	Coupling between energy efficiency and industrial structure: An urban agglomeration case. <i>Energy</i> , 2021 , 234, 121304	7.9	8
100	CO ₂ emission reduction potential in China from combined effects of structural adjustment of economy and efficiency improvement. <i>Resources, Conservation and Recycling</i> , 2021 , 174, 105760	11.9	7
99	Eco-efficiency and Eco-productivity assessments of the states in the United States: A two-stage Non-parametric analysis. <i>Applied Energy</i> , 2021 , 303, 117649	10.7	2
98	Measuring of China's Provincial Carbon Abatement Cost and its Spatial Distribution Pattern. 2021 , 275, 02012		

97	Measuring Dynamic Energy Efficiency in Africa: A Slack-Based DEA Approach. 2020 , 8, 3854-3865		5
96	Pollution abatement costs and technical changes under different environmental regulations. 2020 , 62, 101497		10
95	Abatement potential and shadow price of carbon dioxide emissions from fuel combustion in China's secondary industry. 2019 , 79, 9-22		2
94	The Marginal Abatement Cost of Carbon Emissions in China. 2016 , 37,		10
93	China's industrial green total-factor energy efficiency and its influencing factors: a spatial econometric analysis. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
92	Energy efficiency in China: optimization and comparison between hydropower and thermal power. 2021 , 11,		2
91	Optimizing emission reduction task sharing: technology and performance perspectives. 1		3
90	Industrial SO ₂ technical efficiency, reduction potential and technology heterogeneities of China's prefecture-level cities: A multi-hierarchy meta-frontier parametric approach. <i>Energy Economics</i> , 2021 , 104, 105626	8.3	3
89	Efficiency Measurement for Production and Wastewater Abatement Activity Using Network Data Envelopment Analysis: The Case of Korean Industrial Complex. 2015 , 14, 27-47		
88	Estimating Potential Energy Consumption and Carbon Emission Reduction in South Korea Using Non-radial Data Envelopment Analysis Approach. 2016 , 25, 299-320		2
87	Evaluation and spatiotemporal characteristics of atmospheric environment efficiency in Shandong province based on super-SBM model.		
86	Evaluating the Sustainable Operating Performance of Electronics Industry Groups: Taiwanese Firms in Mainland China. 2021 , 13, 12030		2
85	European Energy Efficiency Evaluation Based on the Use of Super-Efficiency Under Undesirable Outputs in SBM Models. <i>Profiles in Operations Research</i> , 2020 , 193-208	1	
84	2030 Target for Energy Efficiency and Emission Reduction in the EU Paper Industry. 2021 , 14, 40		3
83	Environmental regulation and its influence on energy-environmental performance: Evidence on the Porter Hypothesis from China's iron and steel industry. <i>Resources, Conservation and Recycling</i> , 2022 , 176, 105954	11.9	9
82	Environmental Application of Carbon Abatement Allocation by Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2020 , 359-389	1	
81	Low-Carbon Transportation for the Residential Sector in China. 2020 , 61-107		
80	The Spatial Spillover Effect of Low-Carbon City Pilot Scheme on Green Efficiency in China's Cities: Evidence From a Quasi-Natural Experiment. <i>SSRN Electronic Journal</i> ,		1

79	Assessing the nexus mechanism between energy efficiency and green finance. 2021 , 14, 1		1
78	Comparing biofuels through the lens of sustainability: A data envelopment analysis approach. <i>Applied Energy</i> , 2021 , 118201	10.7	5
77	The impact of China's financial expenditure on energy and carbon emission efficiency: Applying a meta-dynamic non-radial directional distance function. 0958305X2110539		0
76	Towards world's low carbon development: The role of clean energy. <i>Applied Energy</i> , 2021 , 307, 118160	10.7	3
75	Factors Affecting Wind Power Efficiency: Evidence from Provincial-Level Data in China. 2021 , 13, 12759		1
74	How does China's industrial wastewater shadow price evolve? The perspective of spatiotemporal characteristics and differences decomposition.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
73	Capturing the least costly measure of CO2 emission abatement: Evidence from the iron and steel industry in China. <i>Energy Economics</i> , 2022 , 106, 105812	8.3	1
72	Analysis of regional differences and dynamic mechanisms of agricultural carbon emission efficiency in China's seven agricultural regions.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	2
71	Measuring the Efficiency of Energy and Carbon Emissions: A Review of Definitions, Models, and Input-Output Variables. 2022 , 15, 962		1
70	Freight Transportation Structure Adjustment Control with Priority in Energy Consumption in China. <i>SSRN Electronic Journal</i> ,	1	
69	Impact assessment of clean air action on total factor energy productivity: A three-dimensional analysis. 2022 , 93, 106745		1
68	Can regional integration narrow city-level energy efficiency gap in China?. 2022 , 163, 112820		2
67	Energy performance of European countries by considering the role of forest.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	2
66	Asymmetric effects of eco-innovation and human capital development in realizing environmental sustainability in China: evidence from quantile ARDL framework. 1-24		6
65	Applications of Data Envelopment Analysis (DEA) for Optimizing Energy Consumptions. 2022 , 1-41		
64	Policy Orientation, Technological Innovation and Energy-Carbon Performance: An Empirical Study Based on China's New Energy Demonstration Cities. 2022 , 10,		0
63	How Does Energy Efficiency Mitigate Carbon Emissions Without Reducing Economic Growth in Post COVID-19 Era. 2022 , 10,		0
62	How policy preferences affect the carbon shadow price in the OECD. <i>Applied Energy</i> , 2022 , 311, 118686	10.7	1

61	A two-phase factorial input-output model for analyzing CO ₂ -emission reduction pathway and strategy from multiple perspectives [A case study of Fujian province. <i>Energy</i> , 2022 , 248, 123615	7.9	2
60	Sustainable transitioning in Africa: A historical evaluation of energy productivity changes and determinants. <i>Energy</i> , 2022 , 250, 123833	7.9	1
59	A BOOTSTRAP ASSESSMENT OF THE SHADOW PRICES OF CO ₂ FOR THE INDUSTRIAL SECTOR IN CHINA'S KEY CITIES. 2021 , 12,		
58	A study of the energy efficiency formula for the development of economic progress policies in Greece. 1-16		
57	Environmental efficiency under weak disposability: an improved super efficiency data envelopment analysis model with application for assessment of port operations considering NetZero. 1		0
56	The spatial spillover effect of low-carbon city pilot scheme on green efficiency in China's cities: Evidence from a quasi-natural experiment. <i>Energy Economics</i> , 2022 , 106018	8.3	2
55	Comparing Potential Cost Savings of Energy Quota Trading and Carbon Emissions Trading for China's Industrial Sectors. <i>SSRN Electronic Journal</i> ,	1	
54	Low-carbon economy and policy implications: a systematic review and bibliometric analysis.. <i>Environmental Science and Pollution Research</i> , 2022 ,	5.1	1
53	The Effect of Urban Shrinkage on Carbon Dioxide Emissions Efficiency in Northeast China.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	0
52	Global sustainability of carbon shadow pricing: The distance between observed and optimal abatement costs. <i>Energy Economics</i> , 2022 , 110, 106038	8.3	0
51	Does the solar PV program enhance the social empowerment of China's rural poor?. <i>Energy</i> , 2022 , 253, 124084	7.9	1
50	Digitalization and Energy Sustainability in ASEAN. <i>Resources, Conservation and Recycling</i> , 2022 , 184, 1063779	7.9	3
49	A complete total-factor CO ₂ emissions efficiency measure and 2030 CO ₂ emissions targets for Shandong Province, China. <i>Journal of Cleaner Production</i> , 2022 , 132230	10.3	1
48	Influence of digital finance and green technology innovation on China's carbon emission efficiency: Empirical analysis based on spatial metrology. <i>Science of the Total Environment</i> , 2022 , 156463	10.2	3
47	A Review on the 40 Years of Existence of Data Envelopment Analysis Models: Historic Development and Current Trends. <i>Archives of Computational Methods in Engineering</i> ,	7.8	0
46	Spatial-temporal evolution and influencing factors of net carbon sink efficiency in Chinese cities under the background of carbon neutrality. <i>Journal of Cleaner Production</i> , 2022 , 132547	10.3	2
45	Exploring the Temporal and Spatial Evolution Laws of County Green Land-Use Efficiency: Evidence from 11 Counties in Sichuan Province. <i>Buildings</i> , 2022 , 12, 816	3.2	1
44	The dilemma for China's national carbon trading market: minimizing carbon abatement costs or maximizing net social benefits?. 2022 , 1,		

43	Analysis on the green total factor productivity of pig breeding in China: Evidence from a meta-frontier approach. <i>PLoS ONE</i> , 2022 , 17, e0270549	3.7	1
42	The effect of environmental regulation on the marginal abatement cost of industrial firms: Evidence from the 11th Five-Year Plan in China. <i>Energy Economics</i> , 2022 , 112, 106147	8.3	1
41	Innovative value-based price assessment in data-rich environments: Leveraging online review analytics through Data Envelopment Analysis to empower managers and entrepreneurs. <i>Technological Forecasting and Social Change</i> , 2022 , 182, 121807	9.5	0
40	The Enhanced Russell Graph Measure (ERG=SBM): Economic Inefficiency Decompositions. <i>Profiles in Operations Research</i> , 2022 , 279-310	1	
39	Measuring the energy production and utilization efficiency of Chinese thermal power industry with the fixed-sum carbon emission constraint. <i>International Journal of Production Economics</i> , 2022 , 108571	9.3	3
38	An innovative provincial CO2 emission quota allocation scheme for Chinese low-carbon transition. <i>Technological Forecasting and Social Change</i> , 2022 , 182, 121823	9.5	2
37	Comparing potential cost savings of energy quota trading and carbon emissions trading for China's industrial sectors. <i>Resources, Conservation and Recycling</i> , 2022 , 186, 106544	11.9	2
36	Impact of urbanization on agricultural ecological efficiency: evidence from China. <i>Ciencia Rural</i> , 2023 , 53,	1.3	0
35	Regional differential decomposition and the formation mechanism of the dynamic carbon emissions efficiency of industrial energy in China. 10,		0
34	The effect of social sphere digitalization on green total factor productivity in China: Evidence from a dynamic spatial Durbin model. 2022 , 320, 115946		1
33	Green total factor productivity of dairy cow in China: Key facts from scale and regional sector. 2022 , 183, 121949		
32	Shadow prices and abatement cost of soil erosion in Shaanxi Province, China: Convex expectile regression approach. 2022 , 201, 107569		1
31	Using energy consumption constraints to control the freight transportation structure in China (2021030). 2022 , 125512		0
30	The impact of clean energy development finance and financial agglomeration on carbon productivity in Africa. 2023 , 98, 106940		0
29	China's energy efficiency improvement on account of the development of wind and solar power: Applying a dynamic non-radial directional distance function. 2022 ,		0
28	Novel Machine Learning Model Correlating CO2 Equilibrium Solubility in Three Tertiary Amines. 2022 , 61, 14020-14032		0
27	Energy and environmental performance evaluation of China's non-ferrous metals industry from the perspective of network structure.		0
26	An empirical study of environmental regulation on carbon emission efficiency in China.		0

25	Comprehensive Environmental Assessment Index of Ecological Footprint.	0
24	Assessing the effectiveness of innovative city pilots in improving urban carbon emission performance: A spatial difference-in-difference approach. 10,	0
23	The role of internet development on green total-factor productivity: An empirical analysis based on 109 cities in Yangtze River economic belt. 2022 , 134415	3
22	Urban Carbon Reduction Costs and Potentials in China: A Nonparametric Approach. 2023 , 65-79	0
21	Temporal and spatial changes and influencing factors of low-carbon economy efficiency in China. 2023 , 195,	0
20	Internal and external analysis of community banks' performance. 2022 , 84, 102409	0
19	How does digital economy affect green total factor productivity? Evidence from China. 2023 , 857, 159428	5
18	How can China achieve its goal of peaking carbon emissions at minimal cost? A research perspective from shadow price and optimal allocation of carbon emissions. 2023 , 325, 116458	0
17	THE RECENT ECOLOGICAL EFFICIENCY DEVELOPMENT IN CHINA: INTERACTIVE SYSTEMS OF ECONOMY, SOCIETY AND ENVIRONMENT. 2022 , 1-36	0
16	Comprehensive Environmental Assessment Index of Ecological Footprint.	0
15	Trading, storage, or penalty? Uncovering firms' decision-making behavior in the Shanghai emissions trading scheme: Insights from agent-based modeling. 2023 , 117, 106463	0
14	Estimating and forecasting the impact of nonrenewable energy prices on US renewable energy consumption. 2023 , 173, 113374	1
13	Research on regional differences, distribution dynamics and convergence of carbon emission levels of rural residents' living consumption in China.	0
12	State transition of carbon emission efficiency in China: empirical analysis based on three-stage SBM and Markov chain models.	1
11	Does foreign direct investment promote environmental performance: An investigation on shadow prices of pollutants. 2023 , 387, 135914	0
10	Effects of Carbon Policies on Demand Pricing of Forest Carbon Sequestration: A Review of High-Carbon Emission Enterprises in China.	0
9	Inequality in Fossil Fuel Power Plants in China: A Perspective of Efficiency and Abatement Cost. 2023 , 15, 4365	0
8	Has Chinese Certified Emission Reduction trading reduced rural poverty in China?.	0

- 7 China's path of carbon neutralization to develop green energy and improve energy efficiency. **2023**, 206, 397-408 ○
- 6 How to improve sustainability for industrial sectors: Optimizing production scales based on performance-oriented resource reallocation. **2023**, 119, 106525 ○
- 5 Impact of R&D and innovation in Chinese road transportation sustainability performance: A novel trigonometric envelopment analysis for ideal solutions (TEA-IS). **2023**, 101544 1
- 4 Calculation and Allocation of Atmospheric Environment Governance Cost in the Yangtze River Economic Belt of China. **2023**, 20, 4281 ○
- 3 Political Hierarchy of Opening-Up Policy and China's Carbon Reduction: Empirical Research Based on Spatial Regression Discontinuity. **2023**, 15, 5995 ○
- 2 Impacts of Market-based Environmental Regulation on Green Total Factor Energy Efficiency in China. ○
- 1 How do industrial sectors contribute to carbon peaking and carbon neutrality goals? A heterogeneous energy efficiency analysis for Beijing. **2023**, ○