

Yihsu Chen

List of Publications by Year in Descending Order

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

67
papers

1,700
citations

22
h-index

40
g-index

75
ext. papers

2,024
ext. citations

4.8
avg, IF

5.08
L-index

#	Paper	IF	Citations
67	. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	2
66	Regulatory jurisdiction and policy coordination: A bi-level modeling approach for performance-based environmental policy. <i>Journal of the Operational Research Society</i> , 2020 , 1-16	2	1
65	Analysis of Environmental Policy in the Power Sector. <i>Profiles in Operations Research</i> , 2020 ,	1	3
64	Environmental Policies in the Power Sector. <i>Profiles in Operations Research</i> , 2020 , 13-24	1	
63	Sustainable Transmission Investment. <i>Profiles in Operations Research</i> , 2020 , 153-194	1	
62	Analysis of Power System Operations with a Dominant Firm and an Oligopolistic Industry. <i>Profiles in Operations Research</i> , 2020 , 71-109	1	
61	First-Best Policy and Decentralized Mechanisms. <i>Profiles in Operations Research</i> , 2020 , 195-228	1	
60	Analysis of Power System Operations with Non-Dominant Firms. <i>Profiles in Operations Research</i> , 2020 , 39-70	1	
59	Investment in New Power Plants Under Environmental Policies. <i>Profiles in Operations Research</i> , 2020 , 111-151	1	
58	Power Market Model in Presence of Strategic Prosumers. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 898-908	7	15
57	Does a combined strategy outperform independent policies? Impact of incentive policies on renewable power generation. <i>Omega</i> , 2020 , 97, 102100	7.2	7
56	Regional carbon policies in an interconnected power system: How expanded coverage could exacerbate emission leakage. <i>Energy Policy</i> , 2019 , 134, 110914	7.2	1
55	Carbon emission forensic in the energy sector: Is it worth the effort?. <i>Energy Policy</i> , 2019 , 128, 868-878	7.2	1
54	Sustainable transmission planning in imperfectly competitive electricity industries: Balancing economic and environmental outcomes. <i>European Journal of Operational Research</i> , 2019 , 275, 208-223	5.6	6
53	Permit banking in emission trading: Competition, arbitrage and linkage. <i>Energy Economics</i> , 2018 , 71, 70-82	3	8
52	An empirical analysis of California's hybrid capacity options. <i>Electricity Journal</i> , 2018 , 31, 7-12	2.6	2
51	Market Power with Tradable Performance-Based CO2 Emission Standards in the Electricity Sector. <i>Energy Journal</i> , 2018 , 39,	3.5	4

50	How injury incidence is associated with business cycles? Empirical evidence from Taiwan. <i>Safety Science</i> , 2018 , 110, 235-248	5.8	4
49	Analysis of high-speed rail and airline transport cooperation in presence of non-purchase option. <i>Journal of Modern Transportation</i> , 2018 , 26, 231-254	3.7	4
48	On the effectiveness of tradable performance-based standards. <i>Energy Economics</i> , 2018 , 74, 456-469	8.3	6
47	Carbon trading's impact on California's real-time electricity market prices. <i>Energy</i> , 2018 , 159, 579-587	7.9	22
46	Implications of the EU Emissions Trading System for the South-East Europe Regional Electricity Market. <i>Energy Economics</i> , 2017 , 65, 251-261	8.3	14
45	Electricity price behavior and carbon trading: New evidence from California. <i>Applied Energy</i> , 2017 , 204, 531-543	10.7	24
44	Does California's CO2 price affect wholesale electricity prices in the Western U.S.A.?. <i>Energy Policy</i> , 2017 , 110, 9-19	7.2	22
43	Price containment in emissions permit markets: Balancing market risk and environmental outcomes. <i>IIEE Transactions</i> , 2017 , 49, 1129-1149	3.3	6
42	A bottom-up biofuel market equilibrium model for policy analysis. <i>Annals of Operations Research</i> , 2016 , 236, 75-101	3.2	7
41	Are targets for renewable portfolio standards too low? The impact of market structure on energy policy. <i>European Journal of Operational Research</i> , 2016 , 250, 328-341	5.6	37
40	. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 1015-1016	7	3
39	Impacts of climate change on power sector NO x emissions: A long-run analysis of the US mid-atlantic region. <i>Energy Policy</i> , 2015 , 84, 11-21	7.2	14
38	Downstream regulation of CO2 emissions in California's electricity sector. <i>Energy Policy</i> , 2014 , 64, 313-322	7.2	33
37	An oligopoly model to analyze the market and social welfare for green manufacturing industry. <i>Journal of Cleaner Production</i> , 2014 , 85, 94-103	10.3	23
36	Analysis of an imperfectly competitive cellulosic biofuel supply chain. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014 , 72, 1-14	9	17
35	The Impact of Imperfect Competition in Emission Permits Trading on Oligopolistic Electricity Markets. <i>Energy Journal</i> , 2014 , 35,	3.5	14
34	Renewable Portfolio Standards in the Presence of Green Consumers and Emissions Trading. <i>Networks and Spatial Economics</i> , 2013 , 13, 149-181	1.9	17
33	Emissions trading, point-of-regulation and facility siting choices in the electric markets. <i>Journal of Regulatory Economics</i> , 2013 , 44, 251-286	1.3	3

32	Market power in renewable portfolio standards. <i>Energy Economics</i> , 2013 , 39, 187-196	8.3	52
31	Market power in emissions trading: Strategically manipulating permit price through fringe firms. <i>Applied Energy</i> , 2012 , 96, 203-211	10.7	21
30	The impact of power market structure on CO2 cost pass-through to electricity prices under quantity competition [A theoretical approach. <i>Energy Economics</i> , 2012 , 34, 1143-1152	8.3	39
29	Increased estimates of air-pollution emissions from Brazilian sugar-cane ethanol. <i>Nature Climate Change</i> , 2012 , 2, 53-57	21.4	55
28	Allocation and leakage in regional cap-and-trade markets for CO2. <i>Resources and Energy Economics</i> , 2012 , 34, 647-668	3.2	40
27	Greenhouse Gas Emissions Trading in the Electricity Sector: Model Formulation and Case Studies. <i>Energy Systems</i> , 2012 , 33-52	0.4	
26	Biofuels that cause land-use change may have much larger non-GHG air quality emissions than fossil fuels. <i>Environmental Science & Technology</i> , 2012 , 46, 10835-41	10.3	19
25	Green Infrastructure: The Effects of Urban Rail Transit on Air Quality. <i>American Economic Journal: Economic Policy</i> , 2012 , 4, 58-97	4.2	133
24	Emissions Trading in Forward and Spot Markets for Electricity. <i>Energy Journal</i> , 2012 , 33,	3.5	1
23	The impact of carbon cap and trade regulation on congested electricity market equilibrium. <i>Journal of Regulatory Economics</i> , 2011 , 40, 237-260	1.3	20
22	When renewable portfolio standards meet cap-and-trade regulations in the electricity sector: Market interactions, profits implications, and policy redundancy. <i>Energy Policy</i> , 2011 , 39, 3966-3974	7.2	40
21	Economic and Emissions Implications of Load-Based, Source-Based, and First-Seller Emissions Trading Programs Under California AB32. <i>Operations Research</i> , 2011 , 59, 696-712	2.3	39
20	Examining Economic and Environmental Impacts of Differentiated Pricing on the Energy-Intensive Industries in China: Input-Output Approach. <i>Journal of Energy Engineering - ASCE</i> , 2011 , 137, 130-137	1.7	4
19	Inducing Clean Technology in the Electricity Sector: Tradable Permits or Carbon Tax Policies?. <i>Energy Journal</i> , 2011 , 32,	3.5	29
18	. <i>IEEE Transactions on Power Systems</i> , 2010 , 25, 1179-1189	7	13
17	Strategies for carbon dioxide emissions reductions: Residential natural gas efficiency, economic, and ancillary health impacts in Maryland. <i>Energy Policy</i> , 2010 , 38, 6926-6935	7.2	4
16	Potential impact of recharging plug-in hybrid electric vehicles on locational [marginal] prices. <i>Naval Research Logistics</i> , 2010 , 57, 686-700	1.5	28
15	The role of energy efficiency spending in Maryland [implementation of the Regional Greenhouse Gas Initiative. <i>Energy Policy</i> , 2010 , 38, 6820-6829	7.2	6

14	Environmental regulation in transmission-constrained electricity markets 2009 ,		5
13	Carbon offsets, reversal risk and US climate policy. <i>Carbon Balance and Management</i> , 2009 , 4, 3	3.6	13
12	Does a regional greenhouse gas policy make sense? A case study of carbon leakage and emissions spillover. <i>Energy Economics</i> , 2009 , 31, 667-675	8.3	50
11	Regulation, Allocation, and Leakage in Cap-and-Trade Markets for CO2 2009 ,		11
10	A Power Market Model with Renewable Portfolio Standards, Green Pricing and GHG Emissions Trading Programs 2008 ,		5
9	Climate Policies and the Power Sector: Challenges and Issues. <i>Journal of Energy Engineering - ASCE</i> , 2008 , 134, 31-32	1.7	4
8	Implications of CO2 emissions trading for short-run electricity market outcomes in northwest Europe. <i>Journal of Regulatory Economics</i> , 2008 , 34, 251-281	1.3	83
7	Economic and energy impacts from participation in the regional greenhouse gas initiative: A case study of the State of Maryland. <i>Energy Policy</i> , 2008 , 36, 2279-2289	7.2	46
6	Analyzing the Long-run Impact of the Regional Greenhouse Gas Initiative on the Maryland Power Sector: Oligopoly Analysis. <i>IEEE Power Engineering Society General Meeting</i> , 2007 ,		1
5	2006 ,		2
4	CO2 cost pass-through and windfall profits in the power sector. <i>Climate Policy</i> , 2006 , 6, 49-72	5.3	309
3	Leader-Follower Equilibria for Electric Power and NO x Allowances Markets. <i>Computational Management Science</i> , 2006 , 3, 307-330	1	63
2	CO2 cost pass-through and windfall profits in the power sector. <i>Climate Policy</i> , 2006 , 6, 49-72	5.3	152
1	An oligopolistic power market model with tradable NO/sub x/ permits. <i>IEEE Transactions on Power Systems</i> , 2005 , 20, 119-129	7	91