

# Yujian Ye

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6835374/publications.pdf>

Version: 2024-02-01

47  
papers

983  
citations

567281

15  
h-index

454955

30  
g-index

47  
all docs

47  
docs citations

47  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Agent Deep Reinforcement Learning for Coordinated Energy Trading and Flexibility Services Provision in Local Electricity Markets. IEEE Transactions on Smart Grid, 2023, 14, 1541-1554.	9.0	21
2	Transition to Digitalized Paradigms for Security Control and Decentralized Electricity Market. Proceedings of the IEEE, 2023, 111, 744-761.	21.3	5
3	Toward Online Power System Model Identification: A Deep Reinforcement Learning Approach. IEEE Transactions on Power Systems, 2023, 38, 2580-2593.	6.5	6
4	An Efficient LP-Based Approach for Spatial-Temporal Coordination of Electric Vehicles in Electricity-Transportation Nexus. IEEE Transactions on Power Systems, 2023, 38, 2914-2925.	6.5	8
5	A two-stage deep transfer learning for localisation of forced oscillations disturbance source. International Journal of Electrical Power and Energy Systems, 2022, 135, 107577.	5.5	6
6	Unified modelling of gas and thermal inertia for integrated energy system and its application to multitype reserve procurement. Applied Energy, 2022, 305, 117963.	10.1	11
7	A GAN-Based Data Injection Attack Method on Data-Driven Strategies in Power Systems. IEEE Transactions on Smart Grid, 2022, 13, 3203-3213.	9.0	5
8	Physical-data Fusion Modeling Method for Energy Consumption Analysis of Smart Building. Journal of Modern Power Systems and Clean Energy, 2022, 10, 482-491.	5.4	8
9	A combinational transfer learning framework for online transient stability prediction. Sustainable Energy, Grids and Networks, 2022, 30, 100674.	3.9	6
10	A novel deep-learning based surrogate modeling of stochastic electric vehicle traffic user equilibrium in low-carbon electricity-transportation nexus. Applied Energy, 2022, 315, 118961.	10.1	12
11	Computationally Efficient Pricing and Benefit Distribution Mechanisms for Incentivizing Stable Peer-to-Peer Energy Trading. IEEE Internet of Things Journal, 2021, 8, 734-749.	8.7	41
12	Distributed Consensus-Based Coordination of Flexible Demand and Energy Storage Resources. IEEE Transactions on Power Systems, 2021, 36, 3053-3069.	6.5	11
13	A Scalable Privacy-Preserving Multi-Agent Deep Reinforcement Learning Approach for Large-Scale Peer-to-Peer Transactive Energy Trading. IEEE Transactions on Smart Grid, 2021, 12, 5185-5200.	9.0	58
14	Scalable coordinated management of peer-to-peer energy trading: A multi-cluster deep reinforcement learning approach. Applied Energy, 2021, 292, 116940.	10.1	70
15	Real-Time Autonomous Residential Demand Response Management Based on Twin Delayed Deep Deterministic Policy Gradient Learning. Energies, 2021, 14, 531.	3.1	30
16	Optimal Load Scheduling in Coupled Power and Transportation Networks. , 2021, , .		1
17	Dynamic Modeling of Smart Buildings Energy Consumption: A Cyber-Physical Fusion Approach. , 2021, , .		0
18	Towards Market-Based Integration of Renewable Generation in Power Grids. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Incorporating Non-Convex Operating Characteristics Into Bi-Level Optimization Electricity Market Models. IEEE Transactions on Power Systems, 2020, 35, 163-176.	6.5	30
20	Deep Reinforcement Learning for Strategic Bidding in Electricity Markets. IEEE Transactions on Smart Grid, 2020, 11, 1343-1355.	9.0	149
21	Exploring the effects of local energy markets on electricity retailers and customers. Electric Power Systems Research, 2020, 189, 106761.	3.6	14
22	Stabilizing peer-to-peer energy trading in prosumer coalition through computational efficient pricing. Electric Power Systems Research, 2020, 189, 106764.	3.6	14
23	A Deep Reinforcement Learning Method for Pricing Electric Vehicles With Discrete Charging Levels. IEEE Transactions on Industry Applications, 2020, 56, 5901-5912.	4.9	58
24	Model-Free Real-Time Autonomous Control for a Residential Multi-Energy System Using Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2020, 11, 3068-3082.	9.0	112
25	Investigating the impact of flexible demand on market-based generation investment planning. International Journal of Electrical Power and Energy Systems, 2020, 119, 105881.	5.5	8
26	Investigating the effects of demand flexibility on electricity retailers'™ business through a triâ€level optimisation model. IET Generation, Transmission and Distribution, 2020, 14, 1739-1750.	2.5	14
27	Exploring the Concept of Hosting Capacity from an Electricity Market Perspective. , 2020, , 223-247.		1
28	Model-Free Real-Time Autonomous Energy Management for a Residential Multi-Carrier Energy System: A Deep Reinforcement Learning Approach. , 2020, , .		6
29	Role of Flexible Demand in Supporting Market-Based Integration of Renewable Generation. , 2019, , .		0
30	Multi-Period and Multi-Spatial Equilibrium Analysis in Imperfect Electricity Markets: A Novel Multi-Agent Deep Reinforcement Learning Approach. IEEE Access, 2019, 7, 130515-130529.	4.2	53
31	Investigating the impacts of priceâ€taking and priceâ€making energy storage in electricity markets through an equilibrium programming model. IET Generation, Transmission and Distribution, 2019, 13, 305-315.	2.5	15
32	Clustering-Based Residential Baseline Estimation: A Probabilistic Perspective. IEEE Transactions on Smart Grid, 2019, 10, 6014-6028.	9.0	62
33	Cost-Effective Decarbonization in a Decentralized Market: The Benefits of Using Flexible Technologies and Resources. IEEE Power and Energy Magazine, 2019, 17, 25-36.	1.6	32
34	A Deep Q Network Approach for Optimizing Offering Strategies in Electricity Markets. , 2019, , .		3
35	Impact of Energy Storage on Market-Based Generation Investment Planning. , 2019, , .		2
36	Consensus-Based Coordination of Time-Shiftable Flexible Demand. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Cause analysis and policy options for the surplus hydropower in southwest China based on quantification. Journal of Renewable and Sustainable Energy, 2018, 10, .	2.0	11
38	Investigating the Ability of Demand Shifting to Mitigate Electricity Producersâ€™ Market Power. IEEE Transactions on Power Systems, 2018, 33, 3800-3811.	6.5	51
39	Incorporating Demand Flexibility in Strategic Generation Investment Planning. , 2018, , .		0
40	Investigating the Impact of Demand Flexibility on Electricity Retailers. , 2018, , .		1
41	Strategic capacity withholding by energy storage in electricity markets. , 2017, , .		9
42	Exploring the role of demand shifting in oligopolistic electricity markets. , 2017, , .		2
43	Factoring flexible demand non-convexities in electricity markets. , 2016, , .		0
44	An MPEC approach for analysing the impact of energy storage in imperfect electricity markets. , 2016, , .		15
45	Factoring Flexible Demand Non-Convexities in Electricity Markets. IEEE Transactions on Power Systems, 2015, 30, 2090-2099.	6.5	19
46	Pricing flexible demand non-convexities in electricity markets. , 2014, , .		0
47	Security Constrained Dispatch for Renewable Proliferated Distribution Network Based on Safe Reinforcement Learning. Frontiers in Energy Research, 0, 10, .	2.3	0