Real-Time Opportunistic Scheduling for Residential De

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Citation Report

#	Article	IF	CITATIONS
1	The impact and opportunities of smart appliances on distribution networks. , 2013, , .		0
2	Event detection for load disaggregation in Smart Metering. , 2013, , .		6
3	Demand Response Optimization for Smart Home Scheduling Using Genetic Algorithm. , 2013, , .		18
5	Demand response for contingency management via real-time pricing in Smart Grids. , 2014, , .		7
6	A collaborative design of aggregated residential appliances and renewable energy for demand response participation. , 2014, , .		1
7	Optimal Demand Response of Smart Home with PV Generators. International Journal of Photoenergy, 2014, 2014, 1-9.	2.5	8
8	Energy and CO <inf>2</inf> efficient scheduling of smart appliances in active houses equipped with batteries. , 2014, , .		10
9	Demand response algorithm incorporating electricity market prices for residential energy management. , 2014, , .		2
10	Fast event detection method for residential load Demand Side Management. , 2014, , .		2
11	An optimal real-time pricing for demand-side management: A Stackelberg game and genetic algorithm approach. , 2014, , .		33
12	Feasibility of using discriminate pricing schemes for energy trading in smart grid. , 2014, , .		13
13	User-friendly demand side management for smart grid networks. , 2014, , .		9
14	Demand Response for Residential Appliances via Customer Reward Scheme. IEEE Transactions on Smart Grid, 2014, 5, 809-820.	9.0	248
15	Electricity load and price forecasting with influential factors in a deregulated power industry. , 2014, , .		12
16	Heuristic Optimization for the Discrete Virtual Power Plant Dispatch Problem. IEEE Transactions on Smart Grid, 2014, 5, 2910-2918.	9.0	32
17	Smart load management in demand response using microgrid EMS. , 2014, , .		3
18	Inventory control for peak electricity demand reduction of manufacturing systems considering the tradeoff between production loss and energy savings. Journal of Cleaner Production, 2014, 82, 84-93.	9.3	47
19	Demand Response Mismatch (DRM): Concept, Impact Analysis, and Solution. IEEE Transactions on Smart Grid, 2014, 5, 1734-1743.	9.0	26

ATION RED

#	Article	IF	CITATIONS
20	Potential capability estimation for real time electricity demand response of sustainable manufacturing systems using Markov Decision Process. Journal of Cleaner Production, 2014, 65, 184-193.	9.3	60
21	Demand response for aggregated residential consumers with energy storage sharing. , 2015, , .		30
22	Enhanced Dynamic Power Scheduling Interoperable System for Smart Home Environment. , 2015, , .		1
23	Domestic load control using PWM and Zero Crossing detection techniques. , 2015, , .		1
24	Real-Time Pricing with Demand Response Model for Autonomous Homes. , 2015, , .		2
25	Effective energy consumption scheduling in smart homes. , 2015, , .		10
26	An Efficient Genetic Algorithm Based Demand Side Management Scheme for Smart Grid. , 2015, , .		55
27	An Incentive-based Optimal Energy Consumption Scheduling Algorithm for Residential Users. Procedia Computer Science, 2015, 52, 851-857.	2.0	37
28	Preemptive Demand Response Management for Buildings. IEEE Transactions on Sustainable Energy, 2015, 6, 346-356.	8.8	34
29	An Approach for Distribution Transformer Management With a Multiagent System. IEEE Transactions on Smart Grid, 2015, 6, 1208-1218.	9.0	14
30	Impact of dynamic energy pricing schemes on a novel multi-user home energy management system. Electric Power Systems Research, 2015, 125, 124-132.	3.6	55
31	A Collaborative Design of Aggregated Residential Appliances and Renewable Energy for Demand Response Participation. IEEE Transactions on Industry Applications, 2015, 51, 3561-3569.	4.9	39
32	Residential Demand Response Algorithms: State-of-the-Art, Key Issues and Challenges. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 18-32.	0.3	15
33	Real Time Information Based Energy Management Using Customer Preferences and Dynamic Pricing in Smart Homes. Energies, 2016, 9, 542.	3.1	57
34	Impact on electricity use of introducing time-of-use pricing to a multi-user home energy management system. International Transactions on Electrical Energy Systems, 2016, 26, 993-1005.	1.9	39
35	Appliance Scheduling for Energy Management with User Preferences. , 2016, , .		4
36	A Matlab-based home energy management algorithm development toolbox. , 2016, , .		1
37	Realistic Home Energy Management System Using Exogenous Grid Signals. , 2016, , .		0

#	Article	IF	CITATIONS
38	Management of Renewable Energy for a Shared Facility Controller in Smart Grid. IEEE Access, 2016, 4, 4269-4281.	4.2	19
39	Priority and delay constrained demand side management in real-time price environment with renewable energy source. International Journal of Energy Research, 2016, 40, 2002-2021.	4.5	56
40	Optimal demand response strategy of a portfolio of multiple commercial buildings: Methods and a case study. Science and Technology for the Built Environment, 2016, 22, 655-665.	1.7	2
41	An Optimal and Learning-Based Demand Response and Home Energy Management System. IEEE Transactions on Smart Grid, 2016, 7, 1790-1801.	9.0	192
42	A survey on residential Demand Side Management architecture, approaches, optimization models and methods. Renewable and Sustainable Energy Reviews, 2016, 59, 342-351.	16.4	218
43	Dynamic Pricing and Energy Consumption Scheduling With Reinforcement Learning. IEEE Transactions on Smart Grid, 2016, 7, 2187-2198.	9.0	220
44	A New Framework of Demand Response for Household Customers Based on Advanced Metering Infrastructure Under Smart Grids. Electric Power Components and Systems, 2016, 44, 165-171.	1.8	8
45	Proactive Demand Participation of Smart Buildings in Smart Grid. IEEE Transactions on Computers, 2016, 65, 1392-1406.	3.4	50
46	Comprehensive Control for Microgrid Autonomous Operation With Demand Response. IEEE Transactions on Smart Grid, 2017, 8, 2081-2089.	9.0	76
47	An Analytical Method for Probabilistic Modeling of the Steady-State Behavior of Secondary Residential System. IEEE Transactions on Smart Grid, 2017, 8, 2575-2584.	9.0	17
48	On Data Integrity Attacks Against Real-Time Pricing in Energy-Based Cyber-Physical Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 170-187.	5.6	36
49	Price Discrimination for Energy Trading in Smart Grid: A Game Theoretic Approach. IEEE Transactions on Smart Grid, 2017, 8, 1790-1801.	9.0	104
50	Multiagent Control System for Residential Energy Management under Real Time Pricing Environment. , 2017, , .		4
51	A Novel Pricing Mechanism for Demand Side Load Management in Smart Grid. , 2017, , .		4
52	A Meta-Heuristic Home Energy Management System. , 2017, , .		22
53	Context-aware system design. Proceedings of SPIE, 2017, , .	0.8	3
54	Electric energy management in residential areas through coordination of multiple smart homes. Renewable and Sustainable Energy Reviews, 2017, 80, 260-275.	16.4	97
55	An Intelligent Load Management System With Renewable Energy Integration for Smart Homes. IEEE Access, 2017, 5, 13587-13600.	4.2	149

#	Article	IF	CITATIONS
56	Demand Side Management in Microgrid Control Systems. , 2017, , 203-230.		19
57	A review of nanogrid topologies and technologies. Renewable and Sustainable Energy Reviews, 2017, 67, 760-775.	16.4	174
58	Dynamic Appliances Scheduling in Collaborative MicroGrids System. IEEE Transactions on Power Systems, 2017, 32, 2276-2287.	6.5	27
59	An effective algorithm for demand side management in smart grid for residential load. , 2017, , .		14
60	Optimal scheduling of appliances through residential energy management. , 2017, , .		13
61	A two-stage residential demand response framework for smart community with transformer aging. , 2017, , .		2
62	Business models for demand response aggregators under regulated power markets. CIRED - Open Access Proceedings Journal, 2017, 2017, 1614-1617.	0.1	6
63	Virtual storage capacity using demand response management to overcome intermittency of solar PV generation. IET Renewable Power Generation, 2017, 11, 1741-1748.	3.1	40
64	Secure power scheduling auction for smart grids using homomorphic encryption. , 2017, , .		1
65	An Optimal Approach to Manage Responsive Residential Appliances in Smart Grid. , 2017, , .		1
66	An Intelligent Hybrid Heuristic Scheme for Smart Metering based Demand Side Management in Smart Homes. Energies, 2017, 10, 1258.	3.1	60
67	Automated Energy Scheduling Algorithms for Residential Demand Response Systems. Energies, 2017, 10, 1326.	3.1	20
68	Towards Cost and Comfort Based Hybrid Optimization for Residential Load Scheduling in a Smart Grid. Energies, 2017, 10, 1546.	3.1	58
69	A Dynamic pricing demand response algorithm for smart grid: Reinforcement learning approach. Applied Energy, 2018, 220, 220-230.	10.1	309
70	Water-filling algorithm based approach for management of responsive residential loads. Journal of Modern Power Systems and Clean Energy, 2018, 6, 118-131.	5.4	20
71	Demand side management for residential areas using hybrid bacterial foraging and bat optimization algorithm: Demand side management using hybrid bacterial foraging and bat optimization algorithm. , 2018, , .		2
72	Real-Time Residential-Side Joint Energy Storage Management and Load Scheduling With Renewable Integration. IEEE Transactions on Smart Grid, 2018, 9, 283-298.	9.0	78
73	Water-Filling Exact Solutions for Load Balancing of Smart Power Grid Systems. IEEE Transactions on Smart Grid, 2018, 9, 1397-1407.	9.0	25

#	Article	IF	CITATIONS
74	Aggregating a Large Number of Residential Appliances for Demand Response Applications. IEEE Transactions on Smart Grid, 2018, 9, 5092-5100.	9.0	60
75	Decentralized Neighborhood Energy Management With Coordinated Smart Home Energy Sharing. IEEE Transactions on Smart Grid, 2018, 9, 6387-6397.	9.0	120
76	Residential electricity pricing in China: The context of price-based demand response. Renewable and Sustainable Energy Reviews, 2018, 81, 2870-2878.	16.4	58
77	Genetic Algorithm Based Peak Load Management for Low Voltage Consumers in Smart Grid – A Case Study. Smart Innovation, Systems and Technologies, 2018, , 445-453.	0.6	0
78	A Deferrable Energy Scheduling Algorithm in Smart Grid Distribution. Mobile Networks and Applications, 2018, 23, 896-911.	3.3	1
79	Optimizing residential energy management using an autonomous scheduler system. Expert Systems With Applications, 2018, 96, 373-387.	7.6	32
80	Integer-Free Optimal Scheduling of Smart Appliances. , 2018, , .		0
81	Implementation of energy management of a microgrid using HMAS. , 2018, , .		2
82	An Optimization Framework to Implement Demand Side Management in Hybrid Buildings. , 2018, , .		2
83	Demand Response. , 0, , 61-80.		0
83 84	Demand Response. , 0, , 61-80. Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267.	8.9	0 20
	Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing	8.9	
84	Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267. Hierarchical Control Architecture and Decentralized Cooperative Control Strategy for Large Scale	8.9	20
84 85	Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267. Hierarchical Control Architecture and Decentralized Cooperative Control Strategy for Large Scale Air Conditioning Load Participating in Peak Load Regulation. , 2018, . A Novel Meta-Heuristic Hybrid Enhanced Differential Harmony Wind Driven (EDHWDO) Optimization	8.9	20
84 85 86	Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267. Hierarchical Control Architecture and Decentralized Cooperative Control Strategy for Large Scale Air Conditioning Load Participating in Peak Load Regulation., 2018,,. A Novel Meta-Heuristic Hybrid Enhanced Differential Harmony Wind Driven (EDHWDO) Optimization Technique for Demand Side Management in Smart Grid., 2018,,.	8.9	20 1 6
84 85 86 87	 Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267. Hierarchical Control Architecture and Decentralized Cooperative Control Strategy for Large Scale Air Conditioning Load Participating in Peak Load Regulation., 2018,,. A Novel Meta-Heuristic Hybrid Enhanced Differential Harmony Wind Driven (EDHWDO) Optimization Technique for Demand Side Management in Smart Grid., 2018,,. Appliance Scheduling in Smart Homes with Harmony Search Algorithm for Different Operation Time Intervals for Implementing Elephant Herding Optimization Algorithm with different Operation Time Intervals for 	8.9	20 1 6 2
84 85 86 87 88	Optimal sizing and planning of onsite generation system for manufacturing in Critical Peaking Pricing demand response program. International Journal of Production Economics, 2018, 206, 261-267. Hierarchical Control Architecture and Decentralized Cooperative Control Strategy for Large Scale Air Conditioning Load Participating in Peak Load Regulation., 2018,, A Novel Meta-Heuristic Hybrid Enhanced Differential Harmony Wind Driven (EDHWDO) Optimization Technique for Demand Side Management in Smart Grid., 2018,, Appliance Scheduling in Smart Homes with Harmony Search Algorithm for Different Operation Time Intervals, 2018,, Implementing Elephant Herding Optimization Algorithm with different Operation Time Intervals for Appliance Scheduling in Smart Grid., 2018,, Virtual energy storage capacity estimation using ANNâ€based kWh modelling of refrigerators. IET Smart		20 1 6 2 1

#	Article	IF	CITATIONS
92	Load Balancing Integrated Least Slack Time-Based Appliance Scheduling for Smart Home Energy Management. Sensors, 2018, 18, 685.	3.8	36
93	EDHBPSO: Enhanced Differential Harmony Binary Particle Swarm Optimization for Demand Side Management in Smart Grid. , 2018, , .		4
94	Delay and Energy Efficiency Tradeoff for Information Pushing System. IEEE Transactions on Green Communications and Networking, 2018, 2, 1027-1040.	5.5	9
95	An Energy Efficient Scheduling of a Smart Home Based on Optimization Techniques. Advances in Intelligent Systems and Computing, 2019, , 3-14.	0.6	5
97	Towards Real-Time Opportunistic Scheduling of the Home Appliances Using Evolutionary Techniques. Advances in Intelligent Systems and Computing, 2019, , 803-814.	0.6	1
98	Demand-side energy management under time-varying prices. IISE Transactions, 2019, 51, 422-436.	2.4	6
99	Optimal Scheduling Strategy of Distribution Network Based on Electric Vehicle Forecasting. Electronics (Switzerland), 2019, 8, 816.	3.1	13
100	An Innovative Home Energy Management Model with Coordination among Appliances using Game Theory. Sustainability, 2019, 11, 6287.	3.2	28
101	Residential loads flexibility potential for demand response using energy consumption patterns and user segments. Applied Energy, 2019, 254, 113693.	10.1	117
102	Self-configuring event detection in electricity monitoring for human-building interaction. Energy and Buildings, 2019, 187, 95-109.	6.7	26
103	Domestic load management based on integration of MODE and AHP-TOPSIS decision making methods. Sustainable Cities and Society, 2019, 50, 101651.	10.4	21
104	Optimization modeling for dynamic price based demand response in microgrids. Journal of Cleaner Production, 2019, 222, 231-241.	9.3	54
105	Time-Constrained Nature-Inspired Optimization Algorithms for an Efficient Energy Management System in Smart Homes and Buildings. Applied Sciences (Switzerland), 2019, 9, 792.	2.5	28
106	Hybrid meta-heuristic optimization based home energy management system in smart grid. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4837-4853.	4.9	78
107	Intelligent Multi-Agent Based Multilayered Control System for Opportunistic Load Scheduling in Smart Buildings. IEEE Access, 2019, 7, 23990-24006.	4.2	22
108	Optimal Residential Load Scheduling in Dynamic Tariff Environment. , 2019, , .		1
109	User-Centric Multiobjective Approach to Privacy Preservation and Energy Cost Minimization in Smart Home. IEEE Systems Journal, 2019, 13, 1030-1041.	4.6	33
110	Demand response management system with discrete time window using supervised learning algorithm. Cognitive Systems Research, 2019, 57, 131-138.	2.7	13

#	Article	IF	CITATIONS
111	Cooperative game theory approach for multiâ€objective home energy management with renewable energy integration. IET Smart Grid, 2019, 2, 34-41.	2.2	31
112	A priority-induced demand side management system to mitigate rebound peaks using multiple knapsack. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1655-1678.	4.9	33
113	Pareto Optimal Demand Response Based on Energy Costs and Load Factor in Smart Grid. IEEE Transactions on Industrial Informatics, 2020, 16, 1811-1822.	11.3	60
114	Utilizing renewable energy sources efficiently in hospitals using demand dispatch. Renewable Energy, 2020, 151, 551-562.	8.9	37
115	Demand-side Management of Residential Service Area Under Price-based Demand Response Program in Smart Grid. , 2020, , .		4
116	An Intelligent Integrated Approach for Efficient Demand Side Management With Forecaster and Advanced Metering Infrastructure Frameworks in Smart Grid. IEEE Access, 2020, 8, 132551-132581.	4.2	40
117	A Scalable and Distributed Algorithm for Managing Residential Demand Response Programs Using Alternating Direction Method of Multipliers (ADMM). IEEE Transactions on Smart Grid, 2020, 11, 4871-4882.	9.0	54
118	Intelligent Residential Energy Management System Using Deep Reinforcement Learning. IEEE Systems Journal, 2020, 14, 5362-5372.	4.6	28
119	Strategic demand response framework for energy management in distribution system based on network loss sensitivity. Energy and Environment, 2020, 31, 1385-1402.	4.6	3
120	Towards an Optimal Residential Home Energy Management in Presence of PV Generation, Energy Storage and Home to Grid Energy Exchange Framework. , 2020, , .		15
121	Optimal Sizing of Smart Home Renewable Energy Resources and Battery Under Prosumer-Based Energy Management. IEEE Systems Journal, 2021, 15, 105-113.	4.6	36
122	Demand side management through load shifting in IoT based HEMS: Overview, challenges and opportunities. Sustainable Cities and Society, 2021, 65, 102517.	10.4	63
123	Optimal Demand Response in a Residential PV Storage System Using Energy Pricing Limits. IEEE Transactions on Industrial Informatics, 2022, 18, 2497-2507.	11.3	8
124	Model-Based and Data-Driven HVAC Control Strategies for Residential Demand Response. IEEE Open Access Journal of Power and Energy, 2021, 8, 186-197.	3.4	28
125	Reward-based residential wireless sensor optimization approach for appliance monitoring. Soft Computing, 2021, 25, 6947-6956.	3.6	1
126	The use of dynamic programming and golden section search for the optimal loadâ€shedding strategy of HEMS participating in demand response program. Journal of Engineering, 2021, 2021, 399.	1.1	1
127	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. IEEE Transactions on Industry Applications, 2021, 57, 3262-3271.	4.9	13
128	A Comprehensive Scheduling Framework Using SP-ADMM for Residential Demand Response With Weather and Consumer Uncertainties. IEEE Transactions on Power Systems, 2021, 36, 3004-3016.	6.5	28

#	Article	IF	CITATIONS
129	A hybrid demand response mechanism based on real-time incentive and real-time pricing. Energy, 2021, 231, 120940.	8.8	51
130	User Comfort Oriented Residential Power Scheduling in Smart Homes. Advances in Intelligent Systems and Computing, 2018, , 171-180.	0.6	10
131	Risk-Based Allocation of Demand Response Resources Using Conditional Value-at Risk (CVaR) Assessment. Journal of Electrical Engineering and Technology, 2014, 9, 789-795.	2.0	1
132	A Scheduling Algorithm Based Self-Learning Technique for Smart Grid Communications over 4G Networks. Journal of Communications, 2015, , .	1.6	3
133	Mathematical Modeling of Real-Time Scheduling for Microgrid Considering Uncertainties of Renewable Energy Sources. International Journal of Smart Home, 2015, 9, 271-284.	0.4	4
134	A NOVEL APPROACH OF INTELLIGENT LOAD SCHEDULING IN SMART GRID ENVIRONMENT. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
135	Scheduling Schedulable Energy in Smart Grid. , 2017, , .		0
136	Job Scheduling Under Differential Pricing: Hardness and Approximation Algorithms. Lecture Notes in Computer Science, 2017, , 641-652.	1.3	0
137	Smart management and control of household appliances. , 2017, , .		0
138	Efficient Utilization of HEM Controller Using Heuristic Optimization Techniques. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 573-584.	0.7	2
139	Cost and Comfort Based Optimization of Residential Load in Smart Grid. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 563-572.	0.7	3
140	Appliances Scheduling Using State-of-the-Art Algorithms forÂResidential Demand Response. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 292-302.	0.7	2
142	Optimal Demand Response Using Dynamic Electricity Price Limit in a Hybrid AC/DC System. , 2020, , .		1
143	Concept and Glossary of Demand Response Programs. , 2020, , 1-20.		2
144	Genetic Algorithm Based Resident Load Scheduling for Electricity Cost Reduction. Lecture Notes in Electrical Engineering, 2021, , 565-574.	0.4	0
145	Demand side management in microgrid: A critical review of key issues and recent trends. Renewable and Sustainable Energy Reviews, 2022, 156, 111915.	16.4	89
146	A User Profile-based Smart Home Energy Management System. , 2020, , .		2
147	Dynamic Pricing and Prices Spike Detection for Industrial Park With Coupled Electricity and Thermal Demand. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1326-1337.	5.2	4

#	Article	IF	CITATIONS
148	Exploring the integrated flexible region of distributed multi-energy systems with process industry. Applied Energy, 2022, 311, 118590.	10.1	19
149	Challenges and opportunities for the energy management of sustainable data centers in smart grids. IOP Conference Series: Earth and Environmental Science, 2022, 984, 012005.	0.3	1
150	Dynamic Price-Based Demand Response through Linear Regression for Microgrids with Renewable Energy Resources. Energies, 2022, 15, 1385.	3.1	17
151	Smart Energy Management in Virtual Power Plant Paradigm With a New Improved Multilevel Optimization Based Approach. IEEE Access, 2022, 10, 50062-50077.	4.2	9
152	A Multi-Objective Demand/Generation Scheduling Model-Based Microgrid Energy Management System. Sustainability, 2022, 14, 10158.	3.2	15
153	Microgrid to smart grid's evolution: Technical challenges, current solutions, and future scopes. Energy Science and Engineering, 2023, 11, 874-928.	4.0	5
154	Consensus-based dispatch optimization of a microgrid considering meta-heuristic-based demand response scheduling and network packet loss characterization. Energy and AI, 2023, 11, 100212.	10.6	18
155	Deep learning based real time Demand Side Management controller for smart building integrated with renewable energy and Energy Storage System. Journal of Energy Storage, 2023, 58, 106412.	8.1	11
156	A Q-Learning Based Demand Response Algorithm for Industrial Processes with Flexibility. , 2022, , 1-17.		0
157	Efficient Optimization Algorithm-Based Demand-Side Management Program for Smart Grid Residential Load. Axioms, 2023, 12, 33.	1.9	16
158	Power Scheduling with Max User Comfort in Smart Home: Performance Analysis and Tradeoffs. Computer Systems Science and Engineering, 2023, 46, 1723-1740.	2.4	1
159	Multi-time Scale Energy Management Strategy for Smart Community Considering Demand Response. , 2022, , .		0
160	A new optimized demand management system for smart grid-based residential buildings adopting renewable and storage energies. Energy Reports, 2023, 9, 4018-4035.	5.1	16
161	Collaborative Energy Price Computing Based on Sarima-Ann and Asymmetric Stackelberg Games. Symmetry, 2023, 15, 443.	2.2	0
162	Real-Time Pricing-Enabled Demand Response Using Long Short-Time Memory Deep Learning. Energies, 2023, 16, 2410.	3.1	3
164	Appliance Scheduling Optimization in a Smart Home Energy Management System with Heuristic Algorithms. , 2023, , .		2
165	Outlook of Incorporating Integrated Demand Response in Risk Control of Multi-energy Systems. , 2023, , 221-254.		0
166	A novel hybrid Harris hawk optimization and sine cosine algorithm based home energy management system for residential buildings. Building Services Engineering Research and Technology, 2023, 44, 459-480.	1.8	7

#	Article	IF	CITATIONS
167	Reliability Assessment of Demand Response Strategies for Profit Maximization. Electric Power Components and Systems, 0, , 1-13.	1.8	0
168	A distributive energy price-based hybrid demand response mechanism facilitating energy saving. Renewable and Sustainable Energy Reviews, 2023, 183, 113488.	16.4	0
169	Deep Reinforcement Learning Based Dynamic Pricing Demand Response of Smart Grid. , 2023, , .		0
170	Energy Pool Management Mechanisms. Engergy Systems in Electrical Engineering, 2023, , 215-234.	0.7	0
171	Dynamic Pricing Based on Demand Response Using Actor–Critic Agent Reinforcement Learning. Energies, 2023, 16, 5469.	3.1	0
173	An Optimal Scheduling Technique for Smart Grid Communications over 5G Networks. Applied Sciences (Switzerland), 2023, 13, 11470.	2.5	0
174	AQ-Learning-Based Demand Response Algorithm for Industrial Processes with Operational Flexibility. , 2023, , 3009-3025.		0
175	A smart home energy management approach incorporating an enhanced northern goshawk optimizer to enhance user comfort, minimize costs, and promote efficient energy consumption. International Journal of Hydrogen Energy, 2024, 49, 644-658.	7.1	0
176	Effective hybrid search technique based constraint mixed-integer programming for smart home residential load scheduling. Scientific Reports, 2023, 13, .	3.3	0