Jinyue Yan

List of Publications by Year in descending order

320 papers	18,584 citations	14124 69 h-index	21843 118 g-index
377 all docs	377 docs citations	377 times ranked	18068 citing authors

#	Article	IF	Citations
1	Physicalâ€“cyberâ€“human frameworkâ€based resilience evaluation toward urban power system: Case study from China. Risk Analysis, 2023, 43, 800-819.	1.5	3
2	Comparative study of the dynamic programming-based and rule-based operation strategies for grid-connected PV-battery systems of office buildings. Applied Energy, 2022, 305, 117875.	5.1	53
3	Epidemic versus economic performances of the COVID-19 lockdown: A big data driven analysis. Cities, 2022, 120, 103502.	2.7	26
4	Melting assessment on the angled fin design for a novel latent heat thermal energy storage tube. Renewable Energy, 2022, 183, 406-422.	4.3	104
5	Improved triangle splitting based bi-objective optimization for community integrated energy systems with correlated uncertainties. Sustainable Energy Technologies and Assessments, 2022, 49, 101682.	1.7	5
6	Effect of fin number on the melting phase change in a horizontal finned shell-and-tube thermal energy storage unit. Solar Energy Materials and Solar Cells, 2022, 236, 111527.	3.0	94
7	Using existing infrastructures of high-speed railways for photovoltaic electricity generation. Resources, Conservation and Recycling, 2022, 178, 106091.	5.3	23
8	Using street view images to identify road noise barriers with ensemble classification model and geospatial analysis. Sustainable Cities and Society, 2022, 78, 103598.	5.1	16
9	A review of vibration energy harvesting in rail transportation field. IScience, 2022, 25, 103849.	1.9	46
10	Demand Flexibility of Residential Buildings: Definitions, Flexible Loads, and Quantification Methods. Engineering, 2022, 16, 123-140.	3.2	33
11	Vectorized rooftop area data for 90 cities in China. Scientific Data, 2022, 9, 66.	2.4	35
12	Solar energy harvesting technologies for PV self-powered applications: A comprehensive review. Renewable Energy, 2022, 188, 678-697.	4.3	113
13	Techno-economic assessment of battery storage integrated into a grid-connected and solar-powered residential building under different battery ageing models. Applied Energy, 2022, 318, 119166.	5.1	15
14	Experimental and theoretical investigation of an innovative composite nanofluid for solar energy photothermal conversion and storage. Journal of Energy Storage, 2022, 52, 104800.	3.9	2
15	Capacity configuration of distributed photovoltaic and battery system for office buildings considering uncertainties. Applied Energy, 2022, 319, 119243.	5.1	31
16	Innovative ladder-shaped fin design on a latent heat storage device for waste heat recovery. Applied Energy, 2022, 321, 119300.	5.1	28
17	Flexible Shifted-Frequency analysis for Multi-Timescale simulations of active distribution networks. Applied Energy, 2022, 321, 119371.	5.1	3
18	Melting assessment on the effect of nonuniform Y-shaped fin upon solidâ€“liquid phase change in a thermal storage tank. Applied Energy, 2022, 321, 119330.	5.1	21

#	Article	IF	Citations
19	Photovoltaic water pumping systems for irrigation: principles and advances. , 2022, , 113-157.		1
20	Assessment of solar photovoltaic potentials on urban noise barriers using street-view imagery. Renewable Energy, 2021, 168, 181-194.	4.3	33
21	Open center tidal turbine: How a new mooring system concept affects the performances. International Journal of Energy Research, 2021, 45, 6727-6744.	2.2	0
22	1.6 Million transactions replicate distributed PV market slowdown by COVID-19 lockdown. Applied Energy, 2021, 283, 116341.	5.1	35
23	Li-ion batteries for peak shaving, price arbitrage, and photovoltaic self-consumption in commercial buildings: A Monte Carlo Analysis. Energy Conversion and Management, 2021, 234, 113889.	4.4	58
24	Techno-economic assessment of photovoltaic power generation mounted on cooling towers. Energy Conversion and Management, 2021, 235, 113907.	4.4	17
25	Effect of fin-metal foam structure on thermal energy storage: An experimental study. Renewable Energy, 2021, 172, 57-70.	4.3	110
26	Understanding rooftop PV panel semantic segmentation of satellite and aerial images for better using machine learning. Advances in Applied Energy, 2021, 4, 100057.	6.6	50
27	Carbon footprint of oil products pipeline transportation. Science of the Total Environment, 2021, 783, 146906.	3.9	30
28	Potential assessment of large-scale hydro-photovoltaic-wind hybrid systems on a global scale. Renewable and Sustainable Energy Reviews, 2021, 146, 111154.	8.2	29
29	A city-scale estimation of rooftop solar photovoltaic potential based on deep learning. Applied Energy, 2021, 298, 117132.	5.1	61
30	National level assessment of using existing airport infrastructures for photovoltaic deployment. Applied Energy, 2021, 298, 117195.	5.1	15
31	Techno-economic impacts of battery performance models and control strategies on optimal design of a grid-connected PV system. Energy Conversion and Management, 2021, 245, 114617.	4.4	32
32	Optimal analysis of a hybrid renewable power system for a remote island. Renewable Energy, 2021, 179, 96-104.	4.3	44
33	Data-Driven Adaptive Operation of Soft Open Points in Active Distribution Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 8230-8242.	7.2	23
34	5G network-based Internet of Things for demand response in smart grid: A survey on application potential. Applied Energy, 2020, 257, 113972.	5.1	224
35	Techno-economic comparison of optimal design of renewable-battery storage and renewable micro pumped hydro storage power supply systems: A case study in Sweden. Applied Energy, 2020, 279, 115830.	5.1	67
36	Potential analysis of roof-mounted solar photovoltaics in Sweden. Applied Energy, 2020, 279, 115786.	5.1	56

#	Article	IF	Citations
37	A new indicator for a fair comparison on the energy performance of data centers. Applied Energy, 2020, 276, 115497.	5.1	33
38	Five tips for China to realize its co-targets of climate mitigation and Sustainable Development Goals (SDGs). Geography and Sustainability, 2020, 1, 245-249.	1.9	12
39	Enlarging Regional Disparities in Energy Intensity within China. Earth's Future, 2020, 8, e2020EF001572.	2.4	14
40	Advances in carbon capture, utilization and storage. Applied Energy, 2020, 278, 115627.	5.1	135
41	Uncertainty and influence of input parameters and assumptions on the design and analysis of thermochemical waste conversion processes: A stochastic approach. Energy Conversion and Management, 2020, 214, 112867.	4.4	6
42	An innovative building envelope with variable thermal performance for passive heating systems. Applied Energy, 2020, 269, 115175.	5.1	19
43	The role of adsorbed oleylamine on gold catalysts during synthesis for highly selective electrocatalytic reduction of CO₂ to CO. Chemical Communications, 2020, 56, 7021-7024.	2.2	17
44	Modeling and evaluating nodal resilience of multi-energy systems under windstorms. Applied Energy, 2020, 270, 115136.	5.1	68
45	A celestial motion-based solar photovoltaics installed on a cooling tower. Energy Conversion and Management, 2020, 216, 112957.	4.4	15
46	A comprehensive review on high-temperature fuel cells with carbon capture. Applied Energy, 2020, 275, 115342.	5.1	50
47	Potential of unsubsidized distributed solar PV to replace coal-fired power plants, and profits classification in Chinese cities. Renewable and Sustainable Energy Reviews, 2020, 131, 109967.	8.2	52
48	Solar energy integration in buildings. Applied Energy, 2020, 264, 114740.	5.1	25
49	Opportunities and limitations for existing CHP plants to integrate polygeneration of drop-in biofuels with onsite hydrogen production. Energy Conversion and Management, 2020, 221, 113109.	4.4	13
50	Thermal performance of a binary carbonate molten eutectic salt for high-temperature energy storage applications. Applied Energy, 2020, 262, 114418.	5.1	27
51	A gridded optimization model for photovoltaic applications. Solar Energy, 2020, 202, 465-484.	2.9	21
52	Self-preservation strategy for approaching global warming targets in the post-Paris Agreement era. Nature Communications, 2020, 11, 1624.	5.8	71
53	Using Existing Infrastructure to Realize Low-Cost and Flexible Photovoltaic Power Generation in Areas with High-Power Demand in China. IScience, 2020, 23, 101867.	1.9	21
54	Operational reliability of multi-energy customers considering service-based self-scheduling. Applied Energy, 2019, 254, 113531.	5.1	21

#	Article	IF	Citations
55	City-level analysis of subsidy-free solar photovoltaic electricity price, profits and grid parity in China. Nature Energy, 2019, 4, 709-717.	19.8	271
56	Sustainable energy technologies and environmental impacts of energy systems. Applied Energy, 2019, 256, 113919.	5.1	19
57	Thermo-physical properties of CO2 mixtures and their impacts on CO2 capture, transport and storage: Progress since 2011. Applied Energy, 2019, 255, 113789.	5.1	22
58	Purchase Intention for Crowd-funded Milk Products with Integrated Photovoltaic Water Pumping Systems in China. Energy Procedia, 2019, 159, 503-508.	1.8	0
59	CFD Investigation of the Open Center on the Performance of a Tidal Current Turbine. Energy Procedia, 2019, 159, 28-33.	1.8	3
60	Numerical investigations on outdoor thermal comfort for built environment: case study of a Northwest campus in China. Energy Procedia, 2019, 158, 6557-6563.	1.8	9
61	Adaptive Structural Control of Floating Wind Turbine with Application of MR Damper. Energy Procedia, 2019, 158, 254-259.	1.8	7
62	Evaluation of Grid-Connected Micro-Grid Operational Strategies. Energy Procedia, 2019, 158, 1273-1278.	1.8	2
63	Performance of a Hybrid Solar Photovoltaic - Air Source Heat Pump System with Energy Storage. Energy Procedia, 2019, 158, 1311-1316.	1.8	8
64	Identification of thermochemical pathways for the energy and nutrient recovery from digested sludge in wastewater treatment plants. Energy Procedia, 2019, 158, 1317-1322.	1.8	14
65	Synergistic combination of pyrolysis, anaerobic digestion, and CHP plants.. Energy Procedia, 2019, 158, 1323-1329.	1.8	16
66	Performance analysis of a photovoltaics aided coal-fired power plant. Energy Procedia, 2019, 158, 1348-1353.	1.8	9
67	Experimental investigations on the thermal energy storage performance of shell and tube unit with composite phase change materials. Energy Procedia, 2019, 158, 4889-4896.	1.8	2
68	Planning and operation of an integrated energy system in a Swedish building. Energy Conversion and Management, 2019, 199, 111920.	4.4	29
69	Crowdfunding preferences for a sustainable milk product with integrated photovoltaic water pumping system in China. Applied Energy, 2019, 255, 113694.	5.1	6
70	Multi-stage transport and logistic optimization for the mobilized and distributed battery. Energy Conversion and Management, 2019, 196, 261-276.	4.4	21
71	REM2018: Renewable Energy Integration with Mini/Microgrid. Energy Procedia, 2019, 159, 1.	1.8	0
72	The environment and energy consumption of a subway tunnel by the influence of piston wind. Applied Energy, 2019, 246, 11-23.	5.1	56

#	Article	IF	Citations
73	Enhancing fuel cell durability for fuel cell plug-in hybrid electric vehicles through strategic power management. Applied Energy, 2019, 241, 483-490.	5.1	131
74	Optimization and assessment of floating and floating-tracking PV systems integrated in on- and off-grid hybrid energy systems. Solar Energy, 2019, 177, 782-795.	2.9	117
75	Impacts of thermos-physical properties on plate-fin multi-stream heat exchanger design in cryogenic process for CO2 capture. Applied Thermal Engineering, 2019, 149, 1445-1453.	3.0	13
76	Nodal market power assessment of flexible demand resources. Applied Energy, 2019, 235, 564-577.	5.1	18
77	Techno-economic feasibility of integrating energy storage systems in refrigerated warehouses. Applied Energy, 2018, 216, 348-357.	5.1	50
78	Energy flexibility from the consumer: Integrating local electricity and heat supplies in a building. Applied Energy, 2018, 223, 430-442.	5.1	46
79	Determination of optimum tilt angle and orientation for solar collectors based on effective solar heat collection. Applied Energy, 2018, 219, 11-19.	5.1	56
80	Case study of an industrial park toward zero carbon emission. Applied Energy, 2018, 209, 65-78.	5.1	59
81	The water-food-energy nexus optimization approach to combat agricultural drought: a case study in the United States. Applied Energy, 2018, 227, 449-464.	5.1	76
82	STATE-OF-THE-ART IN LOW CARBON COMMUNITY. International Journal of Energy for A Clean Environment, 2018, 19, 175-200.	0.6	10
83	Energy Flexibility through the Integrated Energy Supply System in Buildings: A Case Study in Sweden. Energy Procedia, 2018, 145, 564-569.	1.8	2
84	Performance of solar PV micro-grid systems: A comparison study. Energy Procedia, 2018, 145, 570-575.	1.8	19
85	Power and methanol production from biomass combined with solar and wind energy: analysis and comparison. Energy Procedia, 2018, 145, 576-581.	1.8	26
86	The Potential of Distributed Energy Resources in Building Sustainable Campus: The Case of Sichuan University. Energy Procedia, 2018, 145, 582-585.	1.8	19
87	Design of a Hybrid Fiber Optic Daylighting and PV Solar Lighting System. Energy Procedia, 2018, 145, 586-591.	1.8	16
88	An Optimization Method for CCHP and River Water Source Heat Pump Combined System. Energy Procedia, 2018, 145, 592-597.	1.8	7
89	Integrating concentrating PVs in biogas upgrading. Energy Procedia, 2018, 145, 598-603.	1.8	7
90	Effect of porous media on the heat transfer enhancement for a thermal energy storage unit. Energy Procedia, 2018, 152, 984-989.	1.8	15

#	Article	IF	Citations
91	Energy-water nexus analysis of wastewater treatment plants (WWTPs) in China based on statistical methodologies. Energy Procedia, 2018, 152, 259-264.	1.8	14
92	Understanding the water-energy nexus in urban water supply systems with city features. Energy Procedia, 2018, 152, 265-270.	1.8	8
93	Editorial Cleaner Energy for Cleaner City. Energy Procedia, 2018, 152, 1-2.	1.8	0
94	Mobilized thermal energy storage: Materials, containers and economic evaluation. Energy Conversion and Management, 2018, 177, 315-329.	4.4	45
95	Economic assessment of photovoltaic water pumping integration with dairy milk production. Energy Conversion and Management, 2018, 177, 750-764.	4.4	11
96	Current status and challenges of the ammonia escape inhibition technologies in ammonia-based CO2 capture process. Applied Energy, 2018, 230, 734-749.	5.1	62
97	Integration of concentrating PVs in anaerobic digestion for biomethane production. Applied Energy, 2018, 231, 80-88.	5.1	17
98	Efficiency evaluation of a coal-fired power plant integrated with chilled ammonia process using an absorption refrigerator. Applied Energy, 2018, 230, 267-276.	5.1	21
99	Thermal and economic analysis of charging and discharging characteristics of composite phase change materials for cold storage. Applied Energy, 2018, 225, 585-599.	5.1	69
100	Gasification process integration with existing combined heat and power plants for polygeneration of dimethyl ether or methanol: A detailed profitability analysis. Applied Energy, 2018, 226, 116-128.	5.1	46
101	Negative-emissions hydrogen energy. Nature Climate Change, 2018, 8, 560-561.	8.1	41
102	Economical flexibility options for integrating fluctuating wind energy in power systems: The case of China. Applied Energy, 2018, 228, 426-436.	5.1	81
103	Molecular dynamics simulations of the local structures and thermodynamic properties on molten alkali carbonate K2CO3. Applied Energy, 2018, 220, 536-544.	5.1	39
104	Feasibility study about using a stand-alone wind power driven heat pump for space heating. Applied Energy, 2018, 228, 1486-1498.	5.1	38
105	Comparison of direct numerical simulation with volume-averaged method on composite phase change materials for thermal energy storage. Applied Energy, 2018, 229, 700-714.	5.1	67
106	Modeling of Wood Gasification in an Atmospheric CFB Plant. , 2018, , .		1
107	Modeling of Black Liquor Gasification. , 2018, , .		0
108	Preliminary experimental study of post-combustion carbon capture integrated with solar thermal collectors. Applied Energy, 2017, 185, 1471-1480.	5.1	31

#	Article	IF	Citations
109	Complementing existing CHP plants using biomass for production of hydrogen and burning the residual gas in a CHP boiler. Biofuels, 2017, 8, 675-683.	1.4	14
110	A holistic low carbon city indicator framework for sustainable development. Applied Energy, 2017, 185, 1919-1930.	5.1	230
111	Investigating the possibility of applying an ADM1 based model to a full-scale co-digestion plant. Biochemical Engineering Journal, 2017, 120, 73-83.	1.8	24
112	CO 2 capture with the absorbent of a mixed ionic liquid and amine solution considering the effects of SO 2 and O 2. Applied Energy, 2017, 194, 9-18.	5.1	60
113	Off-grid electricity generation using mixed biomass compost: A scenario-based study with sensitivity analysis. Applied Energy, 2017, 201, 363-370.	5.1	32
114	Environmental benefits from ridesharing: A case of Beijing. Applied Energy, 2017, 191, 141-152.	5.1	125
115	Chinaâ€™s coal-fired power plants impose pressure on water resources. Journal of Cleaner Production, 2017, 161, 1171-1179.	4.6	82
116	The development of Chinaâ€™s Yangtze River Economic Belt: how to make it in a green way?. Science Bulletin, 2017, 62, 648-651.	4.3	105
117	Enhancing biomethane production by integrating pyrolysis and anaerobic digestion processes. Applied Energy, 2017, 204, 1074-1083.	5.1	80
118	Experimental and numerical investigation of pellet and black liquor gasification for polygeneration plant. Applied Energy, 2017, 204, 1055-1064.	5.1	15
119	Can Solar Energy be an Alternative Choice of Milk Production in Dairy Farms? ---A Case study of Integrated PVWP System with Alfalfa and Milk Production in Dairy Farms in China. Energy Procedia, 2017, 105, 3953-3959.	1.8	9
120	Predictive Modelling and Simulation of Integrated Pyrolysis and Anaerobic Digestion Process. Energy Procedia, 2017, 105, 850-857.	1.8	25
121	Integrating geothermal into coal-fired power plant with carbon capture: A comparative study with solar energy. Energy Conversion and Management, 2017, 148, 569-582.	4.4	28
122	Thermal performance of a shell-and-tube latent heat thermal energy storage unit: Role of annular fins. Applied Energy, 2017, 202, 558-570.	5.1	327
123	Property Impacts on Plate-fin Multi-stream Heat Exchanger (Cold Box) Design in CO 2 Cryogenic Process: Part I. Heat Exchanger Modeling and Sensitivity Study. Energy Procedia, 2017, 105, 4587-4594.	1.8	5
124	Viscosity Data of Aqueous MDEAâ€“[Bmim][BF 4] Solutions Within Carbon Capture Operating Conditions. Energy Procedia, 2017, 105, 4581-4586.	1.8	3
125	Evaluation of viscosity and thermal conductivity models for CO2 mixtures applied in CO2 cryogenic process in carbon capture and storage (CCS). Applied Thermal Engineering, 2017, 123, 721-733.	3.0	20
126	Comparative study of hydrogen storage and battery storage in grid connected photovoltaic system: Storage sizing and rule-based operation. Applied Energy, 2017, 201, 397-411.	5.1	173

#	Article	IF	Citations
127	Performance and economic assessments of integrating geothermal energy into coal-fired power plant with CO2 capture. Energy, 2017, 119, 278-287.	4.5	23
128	Battery sizing and rule-based operation of grid-connected photovoltaic-battery system: A case study in Sweden. Energy Conversion and Management, 2017, 133, 249-263.	4.4	158
129	Impact of retrofitting existing combined heat and power plant with polygeneration of biomethane: A comparative techno-economic analysis of integrating different gasifiers. Energy Conversion and Management, 2017, 152, 250-265.	4.4	34
130	The Influence of Photovoltaic Models and Battery Models in System Simulation and Optimization. Energy Procedia, 2017, 105, 1184-1191.	1.8	6
131	Comparison of Gas Quality from Black Liquor and Wood Pellet Gasification Using Modelica Simulation and Pilot Plant Results. Energy Procedia, 2017, 105, 992-998.	1.8	2
132	Theoretical prediction of the local structures and transport properties of binary alkali chloride salts for concentrating solar power. Nano Energy, 2017, 39, 380-389.	8.2	46
133	Property Impacts on Plate-fin Multi-stream Heat Exchanger (Cold Box) Design in CO 2 Cryogenic Process: Part II. Evaluation of Viscosity and Thermal Conductivity Models. Energy Procedia, 2017, 105, 4595-4600.	1.8	5
134	Performance Improvement of High-temperature Silicone Oil Based Thermoelectric Generator. Energy Procedia, 2017, 105, 1211-1218.	1.8	2
135	Water-energy nexus for urban water systems: A comparative review on energy intensity and environmental impacts in relation to global water risks. Applied Energy, 2017, 205, 589-601.	5.1	192
136	Numerical Evaluation on a Direct-contact Thermal Energy Storage System. Energy Procedia, 2017, 105, 4389-4394.	1.8	4
137	Economic performance of photovoltaic water pumping systems with business model innovation in China. Energy Conversion and Management, 2017, 133, 498-510.	4.4	27
138	Optimization of a residential district with special consideration on energy and water reliability. Applied Energy, 2017, 194, 751-764.	5.1	26
139	Techno-economic assessment of mobilized thermal energy storage for distributed users: A case study in China. Applied Energy, 2017, 194, 481-486.	5.1	34
140	An optimization method applied to active solar energy systems for buildings in cold plateau areas â€“ The case of Lhasa. Applied Energy, 2017, 194, 487-498.	5.1	38
141	Comparison of Mass Transfer Models on Rate-Based Simulation of CO 2 Absorption and Desorption Processes. Energy Procedia, 2017, 142, 3747-3752.	1.8	2
142	Experimental investigation of the cubic thermal energy storage unit with coil tubes. Energy Procedia, 2017, 142, 3709-3714.	1.8	4
143	Peak-shaving and profit-sharing model by Aggregators in residential buildings with PVâ€“ a case study in Eskilstuna, Sweden. Energy Procedia, 2017, 142, 3182-3193.	1.8	7
144	Energy storage systems for refrigerated warehouses. Energy Procedia, 2017, 143, 94-99.	1.8	12

#	Article	IF	Citations
145	A polygeneration process for heat, power and DME production by integrating gasification with CHP plant: Modelling and simulation study. Energy Procedia, 2017, 142, 1749-1758.	1.8	7
146	Process simulation and comparison of biological conversion of syngas and hydrogen in biogas plants. E3S Web of Conferences, 2017, 22, 00151.	0.2	2
147	Cryogenic technology for biogas upgrading combined with carbon capture - a review of systems and property impacts. Energy Procedia, 2017, 142, 3741-3746.	1.8	31
148	System dynamics of oxyfuel power plants with liquid oxygen energy storage. Energy Procedia, 2017, 142, 3727-3733.	1.8	4
149	A novel ammonia-based CO 2 capture process hybrid ammonia absorption refrigeration. Energy Procedia, 2017, 142, 3734-3740.	1.8	9
150	Experimental investigation on the solidification behavior of phase change materials in open-cell metal foams. Energy Procedia, 2017, 142, 3703-3708.	1.8	6
151	Comparative Study of Battery Storage and Hydrogen Storage to Increase Photovoltaic Self-sufficiency in a Residential Building of Sweden. Energy Procedia, 2016, 103, 268-273.	1.8	34
152	Waste Biomass Gasification Based off-grid Electricity Generation: A Case Study in Pakistan. Energy Procedia, 2016, 103, 406-412.	1.8	30
153	Renewable Energy Integration with Mini/Microgrid. Energy Procedia, 2016, 103, 1-2.	1.8	1
154	Dynamic Performance of the Standalone Wind Power Driven Heat Pump. Energy Procedia, 2016, 103, 40-45.	1.8	8
155	Analysis of Distributed Photovoltaic Financing: A Case Study Approach of Crowd-funding with Photovoltaic Water Pumping System in Microgrids. Energy Procedia, 2016, 103, 387-393.	1.8	10
156	Property impacts on Carbon Capture and Storage (CCS) processes: A review. Energy Conversion and Management, 2016, 118, 204-222.	4.4	228
157	Economic Assessment of Mobilized Thermal Energy Storage for Distributed Users: A Case Study in China. Energy Procedia, 2016, 88, 656-661.	1.8	7
158	Impacts of thermo-physical properties of gas and liquid phases on design of absorber for CO 2 capture using monoethanolamine. International Journal of Greenhouse Gas Control, 2016, 52, 190-200.	2.3	18
159	Employing Battery Storage to Increase Photovoltaic Self-sufficiency in a Residential Building of Sweden. Energy Procedia, 2016, 88, 455-461.	1.8	43
160	Modeling Urban Design with Energy Performance. Energy Procedia, 2016, 88, 3-8.	1.8	9
161	Compressed Air Energy Storage â€“ An Option for Medium to Large Scale Electrical-energy Storage. Energy Procedia, 2016, 88, 698-702.	1.8	17
162	Spatial Optimization of Residential Urban District - Energy and Water Perspectives. Energy Procedia, 2016, 88, 38-43.	1.8	4

#	Article	IF	Citations
163	Modelling the impact of social network on energy savings. Applied Energy, 2016, 178, 56-65.	5.1	22
164	Performance enhancement of thermoelectric waste heat recovery system by using metal foam inserts. Energy Conversion and Management, 2016, 124, 13-19.	4.4	55
165	Evolution of China's Urban Energy Consumption Structureâ€"A Case Study in Beijing. Energy Procedia, 2016, 88, 88-93.	1.8	21
166	An open-source optimization tool for solar home systems: A case study in Namibia. Energy Conversion and Management, 2016, 130, 106-118.	4.4	21
167	An experimental study on hydrogen enriched gas with reduced tar formation using pre-treated olivine in dual bed steam gasification of mixed biomass compost. International Journal of Hydrogen Energy, 2016, 41, 10608-10618.	3.8	34
168	Interaction relationship between urban domestic energy consumption and water use â€“ a case study of Beijing and Shanghai. Water Policy, 2016, 18, 670-684.	0.7	1
169	Evaluation of Solar PV and Wind Alternatives for Self Renewable Energy Supply: Case Study of Shrimp Cultivation. Energy Procedia, 2016, 88, 462-469.	1.8	27
170	An Optimized Model for Solar Thermal Collectors Based on Concept of Effective Heat Collection. Energy Procedia, 2016, 88, 470-475.	1.8	3
171	An economic analysis of photovoltaic water pumping irrigation systems. International Journal of Green Energy, 2016, 13, 831-839.	2.1	24
172	Recent trend of industrial emissions in developing countries. Applied Energy, 2016, 166, 187-190.	5.1	23
173	Technical and economic analysis of integrating low-medium temperature solar energy into power plant. Energy Conversion and Management, 2016, 112, 459-469.	4.4	52
174	The elephant in the room â€“ A comparative study of uncertainties in carbon offsets. Environmental Science and Policy, 2016, 56, 32-38.	2.4	7
175	On-Grid Photovoltaic Water Pumping Systems for Agricultural Purposes: Comparison of the Potential Benefits Under Three Incentive Schemes. , 2016, , 367-376.		2
176	A review on compressed air energy storage: Basic principles, past milestones and recent developments. Applied Energy, 2016, 170, 250-268.	5.1	702
177	Oxy-fuel combustion of pulverized fuels: Combustion fundamentals and modeling. Applied Energy, 2016, 162, 742-762.	5.1	280
178	Numerical study of the improvement of an indirect contact mobilized thermal energy storage container. Applied Energy, 2016, 161, 476-486.	5.1	45
179	Targeted opportunities to address the climateâ€"trade dilemma in China. Nature Climate Change, 2016, 6, 201-206.	8.1	206
180	Property Impacts on Performance of CO2 Pipeline Transport. Energy Procedia, 2015, 75, 2261-2267.	1.8	10

#	Article	IF	Citations
181	Development of the Low-carbon City Indicator (LCCI) Framework. Energy Procedia, 2015, 75, 2516-2522.	1.8	30
182	CO2 Capture using a Superhydrophobic Ceramic Membrane Contactor. Energy Procedia, 2015, 75, 2287-2292.	1.8	12
183	Sensitivity Study of Thermo-physical Properties of Gas Phase on Absorber Design for CO2 Capture using Monoethanolamine. Energy Procedia, 2015, 75, 2305-2310.	1.8	2
184	PV water pumping for carbon sequestration in dry land agriculture. Energy Conversion and Management, 2015, 102, 169-179.	4.4	16
185	Carbon dioxide adsorption thermodynamics and mechanisms on MCM-41 supported polyethylenimine prepared by wet impregnation method. Applied Energy, 2015, 142, 221-228.	5.1	42
186	Economic optimization of photovoltaic water pumping systems for irrigation. Energy Conversion and Management, 2015, 95, 32-41.	4.4	134
187	Techno-economic feasibility of the irrigation system for the grassland and farmland conservation in China: Photovoltaic vs. wind power water pumping. Energy Conversion and Management, 2015, 103, 311-320.	4.4	53
188	One-Pot Catalytic Conversion of Raw Lignocellulosic Biomass into Gasoline Alkanes and Chemicals over LiTaMoO₆ and Ru/C in Aqueous Phosphoric Acid. ACS Sustainable Chemistry and Engineering, 2015, 3, 1745-1755.	3.2	164
189	Numerical simulation study on discharging process of the direct-contact phase change energy storage system. Applied Energy, 2015, 150, 61-68.	5.1	42
190	Energy-efficient extraction of fuel from Chlorella vulgaris by ionic liquid combined with CO2 capture. Applied Energy, 2015, 160, 648-655.	5.1	32
191	Clean, efficient, affordable and reliable energy for a sustainable future. Energy Conversion and Management, 2015, 102, 1-3.	4.4	19
192	Optimal Grassland Locations for Sustainable Photovoltaic Water Pumping Systems in China. Energy Procedia, 2015, 75, 301-307.	1.8	8
193	Experimental Study of Solar Assisted Post-combustion Carbon Capture. Energy Procedia, 2015, 75, 2246-2252.	1.8	10
194	Key Performance Indicators Improve Industrial Performance. Energy Procedia, 2015, 75, 1785-1790.	1.8	81
195	CDMâ€™s influence on technology transfers: A study of the implemented clean development mechanism projects in China. Applied Energy, 2015, 158, 355-365.	5.1	37
196	CO2 capture using a superhydrophobic ceramic membrane contactor. Journal of Membrane Science, 2015, 496, 1-12.	4.1	104
197	Innovative Research For Sustainable Energy Systems. International Journal of Green Energy, 2015, 12, 191-191.	2.1	0
198	Economical and Environmental Impact of Waste-to-Energy (WTE) Alternatives for Waste Incineration, Landfill and Anaerobic Digestion. Energy Procedia, 2014, 61, 704-708.	1.8	62

#	Article	IF	Citations
199	Study on Utilization of Waste Heat in Cement Plant. Energy Procedia, 2014, 61, 455-458.	1.8	5
200	Business Model Innovation on the Photovoltaic Water Pumping Systems for Grassland and Farmland Conservation in China. Energy Procedia, 2014, 61, 1483-1486.	1.8	15
201	CO2 Capture Using Absorbents of Mixed Ionic and Amine Solutions. Energy Procedia, 2014, 61, 2849-2853.	1.8	5
202	PV Water Pumping for Irrigation Equipped with a Novel Control System for Water Savings. Energy Procedia, 2014, 61, 949-952.	1.8	18
203	Energy-efficient Extraction of Fuel from Chlorella Combined with CO2 Capture. Energy Procedia, 2014, 61, 2805-2808.	1.8	0
204	A Hybrid Life-cycle Assessment of CO2 Emissions of a PV Water Pumping System in China. Energy Procedia, 2014, 61, 2871-2875.	1.8	16
205	Model of evapotranspiration and groundwater level based on photovoltaic water pumping system. Applied Energy, 2014, 136, 1132-1137.	5.1	21
206	Numerical investigation of heat transfer characteristics in utility boilers of oxy-coal combustion. Applied Energy, 2014, 130, 543-551.	5.1	74
207	Policy Based Scenarios for Waste-to-Energy Use: Swedish Perspective. Waste and Biomass Valorization, 2014, 5, 679-688.	1.8	6
208	CO₂ Capture Using Amine Solution Mixed with Ionic Liquid. Industrial & Engineering Chemistry Research, 2014, 53, 2790-2799.	1.8	118
209	A combined experimental and simulation study on charging process of Erythritolâ€“HTO direct-blending based energy storage system. Energy Conversion and Management, 2014, 83, 306-313.	4.4	51
210	Potential for carbon sequestration and mitigation of climate change by irrigation of grasslands. Applied Energy, 2014, 136, 1145-1154.	5.1	29
211	Energy and emissions benefits of renewable energy derived from municipal solid waste: Analysis of a low carbon scenario in Malaysia. Applied Energy, 2014, 136, 797-804.	5.1	140
212	SMART: An Integrated Planning and Decision Support Tool for Solid Waste Management. Computer Aided Chemical Engineering, 2014, 33, 271-276.	0.3	1
213	The differences of carbon intensity reduction rate across 89 countries in recent three decades. Applied Energy, 2014, 113, 808-815.	5.1	65
214	Experimental study on the direct/indirect contact energy storage container in mobilized thermal energy system (M-TES). Applied Energy, 2014, 119, 181-189.	5.1	86
215	Responsibility accounting in carbon allocation: A global perspective. Applied Energy, 2014, 130, 122-133.	5.1	84
216	Techno-economic analysis of an integrated biorefinery system for poly-generation of power, heat, pellet and bioethanol. International Journal of Energy Research, 2014, 38, 551-563.	2.2	9

#	Article	IF	Citations
217	PV Water Pumping for Carbon Sequestration in Dry Land Agriculture. Energy Procedia, 2014, 61, 1037-1041.	1.8	5
218	Developing a Products Prioritization Tool for Energy Efficiency Standards Improvements in China. Energy Procedia, 2014, 61, 2275-2279.	1.8	3
219	Numerical simulation study on optimizing charging process of the direct contact mobilized thermal energy storage. Applied Energy, 2013, 112, 1416-1423.	5.1	59
220	Numerical simulation of radiation intensity of oxy-coal combustion with flue gas recirculation. International Journal of Greenhouse Gas Control, 2013, 17, 473-480.	2.3	28
221	Feasibility evaluation of solar photovoltaic pumping irrigation system based on analysis of dynamic variation of groundwater table. Applied Energy, 2013, 105, 182-193.	5.1	65
222	Achieving better energy-efficient air conditioning â€“ A review of technologies and strategies. Applied Energy, 2013, 104, 87-104.	5.1	723
223	System analysis of dry black liquor gasification based synthetic gas production comparing oxygen and air blown gasification systems. Applied Energy, 2013, 112, 1275-1282.	5.1	30
224	Feasibility analysis of solar irrigation system for pastures conservation in a demonstration area in Inner Mongolia. Applied Energy, 2013, 112, 697-702.	5.1	31
225	Peak and off-peak operations of the air separation unit in oxy-coal combustion power generation systems. Applied Energy, 2013, 112, 747-754.	5.1	69
226	Effects of SO2 on CO2 capture using a hollow fiber membrane contactor. Applied Energy, 2013, 112, 755-764.	5.1	71
227	Economic assessment of the mobilized thermal energy storage (M-TES) system for distributed heat supply. Applied Energy, 2013, 104, 178-186.	5.1	73
228	Optimization of Cryogenic CO2 Purification for Oxy-coal Combustion. Energy Procedia, 2013, 37, 1341-1347.	1.8	27
229	Microalgal biomethane production integrated with an existing biogas plant: A case study in Sweden. Applied Energy, 2013, 112, 478-484.	5.1	50
230	Adsorbents for the post-combustion capture of CO2 using rapid temperature swing or vacuum swing adsorption. Applied Energy, 2013, 104, 418-433.	5.1	346
231	Dynamic modelling of a PV pumping system with special consideration on water demand. Applied Energy, 2013, 112, 635-645.	5.1	151
232	Sustainable development of energy, water and environment systems. Applied Energy, 2013, 101, 3-5.	5.1	49
233	Advances in sustainable biofuel production and use. Applied Energy, 2013, 102, 1-4.	5.1	14
234	Modelling and Simulation of Biomass Conversion Processes. , 2013, , .		1

#	Article	IF	Citations
235	Recent progress in sustainable energy systems. International Journal of Energy Research, 2013, 37, 1937-1938.	2.2	3
236	Synthetic gas production from dry black liquor gasification process using direct causticization with CO2 capture. Applied Energy, 2012, 97, 49-55.	5.1	38
237	Carbon capture with low energy penalty: Supplementary fired natural gas combined cycles. Applied Energy, 2012, 97, 164-169.	5.1	42
238	Effects of flue gas recycle on oxy-coal power generation systems. Applied Energy, 2012, 97, 255-263.	5.1	48
239	Experimental studies on simultaneous removal of CO2 and SO2 in a polypropylene hollow fiber membrane contactor. Applied Energy, 2012, 97, 283-288.	5.1	134
240	Clean energy technologies and systems for a sustainable world. Applied Energy, 2012, 97, 1-4.	5.1	56
241	Feasibility of integrating solar energy into a power plant with amine-based chemical absorption for CO2 capture. International Journal of Greenhouse Gas Control, 2012, 9, 272-280.	2.3	83
242	A dynamic model to optimize a regional energy system with waste and crops as energy resources for greenhouse gases mitigation. Energy, 2012, 46, 522-532.	4.5	23
243	Fabrication and characterization of superhydrophobic polypropylene hollow fiber membranes for carbon dioxide absorption. Applied Energy, 2012, 90, 167-174.	5.1	140
244	Bio-refinery system in a pulp mill for methanol production with comparison of pressurized black liquor gasification and dry gasification using direct causticization. Applied Energy, 2012, 90, 24-31.	5.1	61
245	Influence of drying process on the biomass-based polygeneration system of bioethanol, power and heat. Applied Energy, 2012, 90, 32-37.	5.1	61
246	Characterization of flue gas in oxy-coal combustion processes for CO2 capture. Applied Energy, 2012, 90, 113-121.	5.1	132
247	Techno-economic evaluation of the evaporative gas turbine cycle with different CO2 capture options. Applied Energy, 2012, 89, 303-314.	5.1	32
248	Evaluation of a regional bioenergy system with local production of biofuel for transportation, integrated with a CHP plant. Applied Energy, 2012, 92, 739-749.	5.1	48
249	The impact of lignocellulosic ethanol yields in polygeneration with district heating â€“ A case study. Applied Energy, 2012, 92, 791-799.	5.1	36
250	Responses to â€˜Comments on PVTxy properties of CO2 mixtures relevant for CO2 capture, transport and storage: Review of available experimental data and theoretical modelsâ€™. Applied Energy, 2012, 93, 753-754.	5.1	1
251	Decrease of energy demand for bioethanol-based polygeneration system through case study. Applied Energy, 2012, 95, 305-311.	5.1	17
252	Energy conversion performance of black liquor gasification to hydrogen production using direct causticization with CO2 capture. Bioresource Technology, 2012, 110, 637-644.	4.8	25

#	Article	IF	Citations
253	Viscosities, thermal conductivities and diffusion coefficients of CO2 mixtures: Review of experimental data and theoretical models. International Journal of Greenhouse Gas Control, 2011, 5, 1119-1139.	2.3	102
254	Novel studies on hydrogen, fuel cell and battery energy systems. International Journal of Energy Research, 2011, 35, 1-1.	2.2	16
255	Annual performance analysis and comparison of pellet production integrated with an existing combined heat and power plant. Bioresource Technology, 2011, 102, 6317-6325.	4.8	15
256	PVTxy properties of CO2 mixtures relevant for CO2 capture, transport and storage: Review of available experimental data and theoretical models. Applied Energy, 2011, 88, 3567-3579.	5.1	214
257	Overview of operational experience and results from test activities in Vattenfallâ€™s 30 MWth oxyfuel pilot plant in Schwarze Pumpe. Energy Procedia, 2011, 4, 941-950.	1.8	71
258	Transesterification of Pistacia chinensis oil for biodiesel catalyzed by CaOâ€“CeO2 mixed oxides. Fuel, 2011, 90, 1868-1874.	3.4	121
259	Ptâ€“Co catalyst-coated channel plate reactor for preferential CO oxidation. International Journal of Hydrogen Energy, 2011, 36, 3778-3788.	3.8	31
260	Energy from algae: Current status and future trends. Applied Energy, 2011, 88, 3277-3279.	5.1	183
261	Optimization of the Energy System to Achieve a National Balance Without Fossil Fuels. International Journal of Green Energy, 2011, 8, 684-704.	2.1	12
262	Integrated Black Liquor Gasification Polygeneration System with CO₂Capture in Pulp and Paper Mills to Produce Methanol and Electricity. International Journal of Green Energy, 2011, 8, 275-293.	2.1	6
263	Negotiated Agreements as a vehicle for Policy Learning. International Journal of Global Warming, 2010, 2, 97.	0.2	3
264	Bio-refinery system of DME or CH4 production from black liquor gasification in pulp mills. Bioresource Technology, 2010, 101, 937-944.	4.8	51
265	Combined heat and power plant integrated with mobilized thermal energy storage (M-TES) system. Frontiers of Energy and Power Engineering in China, 2010, 4, 469-474.	0.4	18
266	Wetting of polypropylene hollow fiber membrane contactors. Journal of Membrane Science, 2010, 362, 444-452.	4.1	164
267	Catalytic performance and characterization of Al2O3-supported Ptâ€“Co catalyst coatings for preferential CO oxidation in a micro-reactor. Applied Catalysis A: General, 2010, 387, 215-223.	2.2	50
268	Synthesis of biodiesel from vegetable oil with methanol catalyzed by Li-doped magnesium oxide catalysts. Applied Energy, 2010, 87, 743-748.	5.1	165
269	Intensification of biodiesel synthesis using metal foam reactors. Fuel, 2010, 89, 3450-3456.	3.4	37
270	Performance evaluation of adding ethanol production into an existing combined heat and power plant. Bioresource Technology, 2010, 101, 613-618.	4.8	46

#	Article	IF	Citations
271	Black liquor gasification integrated in pulp and paper mills: A critical review. Bioresource Technology, 2010, 101, 8001-8015.	4.8	185
272	Biodiesel production from waste cooking oil catalyzed by TiO2â€“MgO mixed oxides. Bioresource Technology, 2010, 101, 9570-9576.	4.8	219
273	Integration of Evaporative Gas Turbine with Oxy-Fuel Combustion for Carbon Dioxide Capture. International Journal of Green Energy, 2010, 7, 615-631.	2.1	24
274	Impurity impacts on the purification process in oxy-fuel combustion based CO2 capture and storage system. Applied Energy, 2009, 86, 202-213.	5.1	179
275	Evaluating cubic equations of state for calculation of vaporâ€“liquid equilibrium of CO2 and CO2-mixtures for CO2 capture and storage processes. Applied Energy, 2009, 86, 826-836.	5.1	175
276	Enhanced thermal conductivity and thermal performance of form-stable composite phase change materials by using Î²-Aluminum nitride. Applied Energy, 2009, 86, 1196-1200.	5.1	250
277	Impacts of equations of state (EOS) and impurities on the volume calculation of CO2 mixtures in the applications of CO2 capture and storage (CCS) processes. Applied Energy, 2009, 86, 2760-2770.	5.1	105
278	Estimation of un-used land potential for biofuels development in (the) Peopleâ€™s Republic of China. Applied Energy, 2009, 86, S77-S85.	5.1	106
279	Biofuels in Asia. Applied Energy, 2009, 86, S1-S10.	5.1	169
280	Intensification of biodiesel synthesis using zigzag micro-channel reactors. Bioresource Technology, 2009, 100, 3054-3060.	4.8	144
281	Improving policy making through governmentâ€“industry policy learning: The case of a novel Swedish policy framework. Applied Energy, 2009, 86, 399-406.	5.1	45
282	Preparation and thermal properties of polyethylene glycol/expanded graphite blends for energy storage. Applied Energy, 2009, 86, 1479-1483.	5.1	266
283	Climate and Energy Policy Evaluation in Terms of Relative Industrial Performance and Competitiveness. International Journal of Green Energy, 2009, 6, 450-465.	2.1	8
284	Guest editorial for a special issue on green energy. International Journal of Energy Research, 2008, 32, 1065-1065.	2.2	1
285	Case study of energy systems with gas turbine cogeneration technology for an eco-industrial park. International Journal of Energy Research, 2008, 32, 1128-1135.	2.2	20
286	CO2Emission Reduction in the Steel Industry by Using Emission Trading Programs. International Journal of Green Energy, 2007, 4, 505-518.	2.1	4
287	A New Approach Integrating CO2 Capture Into a Coal-Based Polygeneration System of Power and Liquid Fuel. , 2007, , 311.		14
288	Preliminary Study on CO2 Processing in CO2 Capture From Oxy-Fuel Combustion. , 2007, , 353.		24

#	Article	IF	Citations
289	Alternative pathways to a fossil-fuel free energy system in the MÃlardalen region of Sweden. International Journal of Energy Research, 2007, 31, 1226-1236.	2.2	28
290	Thermodynamic properties for humid gases from 298 to 573K and up to 200bar. Applied Thermal Engineering, 2006, 26, 251-258.	3.0	16
291	CO2 Capture in Pulp and Paper Mills: CO2 Balances and Preliminary Cost Assessment. Mitigation and Adaptation Strategies for Global Change, 2006, 11, 1129-1150.	1.0	37
292	A new modification on RK EOS for gaseous CO2 and gaseous mixtures of CO2 and H2O. International Journal of Energy Research, 2006, 30, 135-148.	2.2	14
293	Policy, Institutional and Market Barriers to the Implementation of Clean Development Mechanisms (CDM) in China. International Journal of Green Energy, 2005, 2, 259-271.	2.1	10
294	Feasibility Analysis of Wood Pellets Production and Utilization in China as a Substitute for Coal. International Journal of Green Energy, 2005, 2, 91-107.	2.1	12
295	Comparison of nickel- and iron-based oxygen carriers in chemical looping combustion for CO capture in power generation. Fuel, 2005, 84, 993-1006.	3.4	166
296	Humidified gas turbinesâ€"a review of proposed and implemented cycles. Energy, 2005, 30, 1013-1078.	4.5	295
297	Parametric study of chemical looping combustion for tri-generation of hydrogen, heat, and electrical power with CO2 capture. International Journal of Energy Research, 2005, 29, 739.	2.2	31
298	Phase equilibria for the oxygenâ€"water system up to elevated temperatures and pressures. Fluid Phase Equilibria, 2004, 222-223, 39-47.	1.4	8
299	Efficient energy systems with CO2 capture and storage from renewable biomass in pulp and paper mills. Renewable Energy, 2004, 29, 1583-1598.	4.3	68
300	Increasing biomass utilisation in energy systems: A comparative study of CO2 reduction and cost for different bioenergy processing options. Biomass and Bioenergy, 2004, 26, 531-544.	2.9	134
301	Saturated Humidity, Entropy, and Enthalpy for the Nitrogen-Water System at Elevated Temperatures and Pressures. International Journal of Thermophysics, 2003, 24, 1681-1696.	1.0	8
302	Saturated thermodynamic properties for the airâ€"water system at elevated temperatures and pressures. Chemical Engineering Science, 2003, 58, 5069-5077.	1.9	20
303	Potential and cost-effectiveness of CO2 reductions through energy measures in Swedish pulp and paper mills. Energy, 2003, 28, 691-710.	4.5	87
304	Potential market niches for biomass energy with CO2 capture and storageâ€"Opportunities for energy supply with negative CO2 emissions. Biomass and Bioenergy, 2003, 25, 273-285.	2.9	193
305	Survey of experimental data and assessment of calculation methods of properties for the airâ€"water mixture. Applied Thermal Engineering, 2003, 23, 2213-2228.	3.0	17
306	Economic Assessment of Evaporative Gas Turbine Cycles With Optimized Part Flow Humidification Systems. , 2003, , 1.		12

#	Article	IF	Citations
307	Thermodynamic Property Models for the Simulation of Advanced Wet Cycles. , 2003, , .		9
308	Exergy Analysis of Part Flow Evaporative Gas Turbine Cycles: Part 1 â€" Introduction and Method. , 2002, , 457.		2
309	Performance Analysis of Evaporative Biomass Air Turbine Cycle With Gasification for Topping Combustion. Journal of Engineering for Gas Turbines and Power, 2002, 124, 757-761.	0.5	16
310	A total energy system of fuel upgrading by drying biomass feedstock for cogeneration: a case study of SkellefteÃ¥ bioenergy combine. Biomass and Bioenergy, 2002, 23, 271-281.	2.9	58
311	Exergy Analysis of Part Flow Evaporative Gas Turbine Cycles: Part 2 â€" Results and Discussion. , 2002, , .		1
312	Ammoniaâ€"water bottoming cycles: a comparison between gas engines and gas diesel engines as prime movers. Energy, 2001, 26, 31-44.	4.5	53
313	Integration of Advanced Gas Turbines in Pulp and Paper Mills for Increased Power Generation. Journal of Engineering for Gas Turbines and Power, 2001, 123, 734-740.	0.5	21
314	Managing Climate Risk. Science, 2001, 294, 786b-787.	6.0	183
315	Performance Analysis of Evaporative Biomass Air Turbine Cycle With Gasification for Topping Combustion. , 2001, , .		0
316	Simulation of Steam-Based Gasification Processes for Topping Combustion in the Biomass Air Turbine (BAT) Cycle. , 2000, , .		2
317	Externally Fired Evaporative Gas Turbine With a Condensing Heat Exchanger. , 1996, , .		11
318	An Investigation of the Heat Recovery System in Externally Fired Evaporative Gas Turbines. , 1995, , .		14
319	Biomass Externally Fired Gas Turbine Cogeneration. , 1994, , .		3
320	Asynchronous multiâ€rate method of realâ€time simulation for active distribution networks. IET Renewable Power Generation, 0, , .	1.7	0