

Meng Yuan

List of Publications by Year in descending order

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37
papers

959
citations

331259
21
h-index

454577
30
g-index

37
all docs

37
docs citations

37
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	Battery electric vehicles in Japan: Human mobile behavior based adoption potential analysis and policy target response. <i>Applied Energy</i> , 2018, 220, 527-535.	5.1	97
2	GPS data in urban online ride-hailing: A comparative analysis on fuel consumption and emissions. <i>Journal of Cleaner Production</i> , 2019, 227, 495-505.	4.6	79
3	An MILP model for optimal design of multi-period natural gas transmission network. <i>Chemical Engineering Research and Design</i> , 2018, 129, 122-131.	2.7	57
4	The electrification of transportation in energy transition. <i>Energy</i> , 2021, 236, 121564.	4.5	53
5	A novel particle swarm optimization based on prey-predator relationship. <i>Applied Soft Computing Journal</i> , 2018, 68, 202-218.	4.1	52
6	Future scenario of China's downstream oil supply chain: An energy, economy and environment analysis for impacts of pipeline network reform. <i>Journal of Cleaner Production</i> , 2019, 232, 1513-1528.	4.6	46
7	Downstream oil supply security in China: Policy implications from quantifying the impact of oil import disruption. <i>Energy Policy</i> , 2020, 136, 111077.	4.2	42
8	Optimisation of a downstream oil supply chain with new pipeline route planning. <i>Chemical Engineering Research and Design</i> , 2019, 145, 300-313.	2.7	38
9	An improved PSO method for optimal design of subsea oil pipelines. <i>Ocean Engineering</i> , 2017, 141, 154-163.	1.9	37
10	Economic, energy-saving and carbon-abatement potential forecast of multiproduct pipelines: A case study in China. <i>Journal of Cleaner Production</i> , 2019, 211, 1209-1227.	4.6	36
11	District heating in 100% renewable energy systems: Combining industrial excess heat and heat pumps. <i>Energy Conversion and Management</i> , 2021, 244, 114527.	4.4	36
12	An MILP model for the reformation of natural gas pipeline networks with hydrogen injection. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 16141-16153.	3.8	33
13	The first feasible step towards clean heating transition in urban agglomeration: A case study of Beijing-Tianjin-Hebei region. <i>Energy Conversion and Management</i> , 2020, 223, 113282.	4.4	32
14	Future scenario of China's downstream oil supply chain: Low carbon-oriented optimization for the design of planned multi-product pipelines. <i>Journal of Cleaner Production</i> , 2020, 244, 118866.	4.6	31
15	A risk assessment based optimization method for route selection of hazardous liquid railway network. <i>Safety Science</i> , 2018, 110, 217-229.	2.6	29
16	Future scenario of China's downstream oil reform: Improving the energy-environmental efficiency of the pipeline networks through interconnectivity. <i>Energy Policy</i> , 2020, 140, 111403.	4.2	29
17	Sustainable crude oil transportation: design optimization for pipelines considering thermal and hydraulic energy consumption. <i>Chemical Engineering Research and Design</i> , 2019, 151, 23-39.	2.7	28
18	Sustainable offshore oil and gas fields development: Techno-economic feasibility analysis of wind-hydrogen-natural gas nexus. <i>Energy Reports</i> , 2021, 7, 4470-4482.	2.5	28

#	ARTICLE	IF	CITATIONS
19	Multi-objective site selection optimization of the gas-gathering station using NSGA-II. Chemical Engineering Research and Design, 2018, 119, 350-359.	2.7	27
20	A mixed integer linear programming model for optimal planning of bicycle sharing systems: A case study in Beijing. Sustainable Cities and Society, 2019, 47, 101515.	5.1	26
21	A methodology to restructure a pipeline system for an oilfield in the mid to late stages of development. Computers and Chemical Engineering, 2018, 115, 133-140.	2.0	21
22	Optimal design of oilfield surface pipeline networks for the cyclic water injection development method. Journal of Petroleum Science and Engineering, 2018, 171, 1400-1408.	2.1	19
23	Water transport system optimisation in oilfields: Environmental and economic benefits. Journal of Cleaner Production, 2019, 237, 117768.	4.6	19
24	Implementing hydrogen injection in coal-dominated regions: Supply chain optimisation and reliability analysis. Energy, 2020, 201, 117565.	4.5	12
25	Sustainable refined products supply chain: A reliability assessment for demand-side management in primary distribution processes. Energy Science and Engineering, 2020, 8, 1029-1049.	1.9	11
26	Optimal design of an oil pipeline with a large-slope section. Engineering Optimization, 2019, 51, 1480-1494.	1.5	10
27	A Continuous Pump Location Optimization Method for Water Pipe Network Design. Water Resources Management, 2021, 35, 447-464.	1.9	10
28	A metaheuristic method for the multireturn-to-depot petrol truck routing problem with time windows. Petroleum Science, 2019, 16, 701-712.	2.4	9
29	Petrol truck scheduling optimization considering multi-path selection and congestion. , 2018, , .		4
30	MILP formulations for highway petrol station replenishment in initiative distribution mode. Petroleum Science, 2021, 18, 994.	2.4	4
31	A MILP approach for filling station replenishment problem with time windows in initiative distribution. , 2018, , .		2
32	Effects of reaction conditions on one-step synthesis of methylal via methanol oxidation catalyzed by Mo:Fe(2)/ HZSM-5 catalyst. International Journal of Energy Research, 2021, 45, 7487-7500.	2.2	2
33	Control optimization for liquid pipelines under leak condition. , 2018, , .		0
34	Monte Carlo Optimization for Site Selection of Process Facilities in Oilfields Considering Environment. , 2019, , .		0
35	Monte Carlo Optimization for Site Selection of Process Facilities in Oilfields Considering Environment. , 2019, , .		0
36	Seismic-facies-control inversion for the characteristics of Narrow Channel sandstone: A Case study from Matouying Uplift of Bohai Bay Basin, China. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Optimization of Expanding Gathering Pipeline Network in Gas Fields. , 2019, , .		0