

# Peng Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5779249/publications.pdf>

Version: 2024-02-01

22  
papers

179  
citations

1307594

7  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer of calcined petroleum coke and heat exchange tube for calcined petroleum coke waste heat recovery. <i>Energy</i> , 2018, 155, 56-65.	8.8	46
2	Effects of particle sizes on methanol steam reforming for hydrogen production in a reactor heated by waste heat. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5615-5622.	7.1	23
3	Effects of particle sizes on performances of the multi-zone steam generator using waste heat in a bio-oil steam reforming hydrogen production system. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 18064-18072.	7.1	15
4	Effect of the single vacancy in particle pile on heat transfer performance of particle pile. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104914.	5.6	12
5	The effect of particle arrangement on the direct heat extraction of regular packed bed with numerical simulation. <i>Energy</i> , 2021, 225, 120244.	8.8	8
6	Oxidation of lean methane in a two-chamber preheat catalytic reactor. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18643-18648.	7.1	7
7	Heat transfer trait simulation of H finned tube in ventilation methane oxidation steam generator for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5564-5572.	7.1	7
8	Fractal heat conduction model of semi-coke bed in waste heat recovery heat exchanger. <i>Journal of Cleaner Production</i> , 2020, 258, 120663.	9.3	7
9	Numerical study of heat transfer characteristics of semi-coke and steam in waste heat recovery steam generator for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25160-25168.	7.1	6
10	Effect of particle characteristic parameters on the heat transfer process of double vacancy particle bed. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104995.	5.6	6
11	Modeling of fractal heat conduction of semi-coke bed in waste heat recovery steam generator for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25240-25247.	7.1	5
12	Dehydrogenation characteristics of lean methane in a thermal reverse-flow reactor. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5137-5142.	7.1	5
13	Effects of fin structure size on methane-steam reforming for hydrogen production in a reactor heated by waste heat. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20465-20471.	7.1	5
14	Study on dynamic heat extraction characteristics of heat exchanger tube embedded in thermal flow reverse reactor for heat recovery. <i>Chemical Engineering Research and Design</i> , 2022, 162, 846-858.	5.6	5
15	Effect of shunt honeycomb ceramics thickness on finned tube heat transfer in VAM oxidation for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20458-20464.	7.1	4
16	Effects of particle sizes on performances of the horizontally buried-pipe steam generator using waste heat in a bioethanol steam reforming hydrogen production system. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20216-20222.	7.1	4
17	Heat transfer analysis of H-type finned tube embedded in packed bed for gasification to produce hydrogen. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 25109-25121.	7.1	4
18	Effects of solid particle thermal conductivity on heat storage performance of heat storage bed. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 43, 100983.	2.7	3

#	ARTICLE	IF	CITATIONS
19	Effects of ellipsoidal and regular hexahedral particles on the performance of the waste heat recovery equipment in a methanol reforming hydrogen production system. International Journal of Hydrogen Energy, 2023, 48, 11141-11152.	7.1	3
20	Effects of particle contact characteristics on the performance of fast-response heat storage tank of ellipsoidal metal particle. Journal of Energy Storage, 2021, 44, 103393.	8.1	2
21	Local percolation of non-spherical particles in moving bed waste heat recovery unit for hydrogen production by methanol steam reforming. International Journal of Hydrogen Energy, 2022, , .	7.1	2
22	Effect of contact number on heat extraction of particle material for hydrogen production. International Journal of Hydrogen Energy, 2022, , .	7.1	0