Javad Aminian

List of Publications by Year
in descending order

15	413	1162889 8	1058333 14
papers	citations	h-index	g-index

15	15	15	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental and numerical investigation of MILD combustion in a pilot-scale water heater. Energy, 2022, 239, 121888.	4.5	4
2	Performance analysis of syngas production in a water thermal plasma reactor. International Journal of Hydrogen Energy, 2020, 45, 30017-30028.	3.8	4
3	Impact of sub-grid scale models on resolving mixing and thermal shear layers in large eddy simulation of JHC flames. Applied Thermal Engineering, 2019, 149, 1244-1254.	3.0	3
4	Scale adaptive simulation of vortex structures past a square cylinder. Journal of Hydrodynamics, 2018, 30, 657-671.	1.3	8
5	Dynamic two-point fluidization model for gasâ€“solid fluidized beds. Advanced Powder Technology, 2018, 29, 2845-2858.	2.0	0
6	Hydrodynamic modeling strategy for dense to dilute gasâ€“solid fluidized beds. Particuology, 2017, 31, 105-116.	2.0	5
7	Extended EDC local extinction model accounting finite-rate chemistry for MILD combustion. Fuel, 2016, 165, 123-133.	3.4	47
8	Experimental and numerical study of iron pyrite nanoparticles synthesis based on hydrothermal method in a laboratory-scale stirred autoclave. Powder Technology, 2016, 287, 177-189.	2.1	8
9	Numerical investigation of the application of high temperature air combustion in an industrial furnace. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2012, 226, 694-705.	0.8	3
10	Dynamic crude oil fouling prediction in industrial preheaters using optimized ANN based moving window technique. Chemical Engineering Research and Design, 2012, 90, 938-949.	2.7	32
11	CFD modeling of fouling in crude oil pre-heaters. Energy Conversion and Management, 2012, 64, 344-350.	4.4	40
12	Numerical Investigation of a MILD Combustion Burner: Analysis of Mixing Field, Chemical Kinetics and Turbulence-Chemistry Interaction. Flow, Turbulence and Combustion, 2012, 88, 597-623.	1.4	107
13	Key modeling issues in prediction of minor species in diluted-preheated combustion conditions. Applied Thermal Engineering, 2011, 31, 3287-3300.	3.0	72
14	Neuro-based formulation to predict fouling threshold in crude preheaters. International Communications in Heat and Mass Transfer, 2009, 36, 525-531.	2.9	23
15	Evaluation of ANN modeling for prediction of crude oil fouling behavior. Applied Thermal Engineering, 2008, 28, 668-674.	3.0	57