Sadegh Sadeghi

List of Publications by Year
in descending order

17	253	1163117 8	940533 16
papers	citations	h-index	g-index

18	18	18	244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling the dual-fuel combustion of porous lycopodium particles and diesel using an analytical simulation framework. Journal of Analytical and Applied Pyrolysis, 2022, 163, 105458.	5.5	3
2	Mathematical study of threshold of thermal-diffusive instability in counter-flow non-premixed biomass-fueled flames considering effective parameters. Computers and Mathematics With Applications, 2021, 81, 602-617.	2.7	1
3	Analytical modeling of lycopodium-propane dual-fuel combustion system in premixed mode in counter-flow configuration. Renewable Energy, 2021, 165, 783-798.	8.9	5
4	Analytical and numerical solutions for transient heat conduction in an infinite geometry with heat source subjected to heterogeneous boundary conditions of the third kind. Journal of Thermal Analysis and Calorimetry, 2021, 143, 725-736.	3.6	5
5	Pulsating diffusion flames fed with biomass particles in counter-flow arrangement: Zeldovich and Lewis numbers effects. Sustainable Energy Technologies and Assessments, 2021, 46, 101263.	2.7	2
6	Oscillating transient flame propagation of biochar dust cloud considering thermal losses and particles porosity. Combustion and Flame, 2021, 234, 111662.	5.2	1
7	A simplified mathematical study of thermochemical preparation of particle oxide under counterflow configuration for use in biomedical applications. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2769-2779.	3.6	7
8	Analytical study of transient counter-flow non-premixed combustion of biomass in presence of thermal radiation. Renewable Energy, 2020, 159, 312-325.	8.9	8
9	Mathematical analysis of steady-state non-premixed multi-zone combustion of porous biomass particles under counter-flow configuration. Renewable Energy, 2020, 159, 705-725.	8.9	4
10	Thermal Conductivity Enhancement of Phase Change Materials for Low-Temperature Thermal Energy Storage Applications. Energies, 2019, 12, 75.	3.1	71
11	Asymptotic prediction of multi-region planar non-premixed combustion of moisty porous coal particles in counter-flow design considering pyrolysis, homogeneous and heterogeneous reactions. Combustion and Flame, 2019, 207, 281-294.	5.2	14
12	Flow and natural convection heat transfer characteristics of non-Newtonian nanofluid flow bounded by two infinite vertical flat plates in presence of magnetic field and thermal radiation using Galerkin method. Journal of Central South University, 2019, 26, 1294-1305.	3.0	19
13	Theoretical Assessment of Convective and Radiative Heat Losses in a One-Dimensional Multiregion Premixed Flame With Counter-Flow Design Crossing Through Biofuel Particles. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	5
14	Performance analysis and multi-objective optimization of an organic Rankine cycle with binary zeotropic working fluid employing modified artificial bee colony algorithm. Journal of Thermal Analysis and Calorimetry, 2019, 136, 1645-1665.	3.6	22
15	An asymptotic assessment of non-premixed flames fed with porous biomass particles in counter-flow configuration considering the effects of thermal radiation and thermophoresis. Fuel, 2019, 239, 747-763.	6.4	15
16	Mathematical Modeling of Non-Premixed Laminar Flow Flames Fed with Biofuel in Counter-Flow Arrangement Considering Porosity and Thermophoresis Effects: An Asymptotic Approach. Energies, 2018, 11, 2945.	3.1	5
17	Analytical development of a model for counter-flow non-premixed flames with volatile biofuel particles considering drying and vaporization zones with finite thicknesses. Fuel, 2018, 231, 172-186.	6.4	23