

# Sadegh Sadeghi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/138603/publications.pdf>

Version: 2024-02-01

17  
papers

253  
citations

1163117

8  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

244  
citing authors

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