

Mirhadi S Sadaghiani

List of Publications by Year in descending order

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11
papers

511
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum ignition energies and laminar burning velocities of ammonia, HFO-1234yf, HFC-32 and their mixtures with carbon dioxide, HFC-125 and HFC-134a. <i>Journal of Hazardous Materials</i> , 2021, 407, 124781.	12.4	24
2	Vapor-Liquid Equilibria for Carbon Dioxide + 3,3,3-Trifluoropropene Binary Mixtures at Temperatures between (288 and 348) K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 4044-4055.	1.9	9
3	A novel integrated hydrogen and natural gas liquefaction process using two multistage mixed refrigerant refrigeration systems. <i>International Journal of Energy Research</i> , 2020, 44, 1636-1653.	4.5	27
4	Measurement and modelling of the thermodynamic properties of carbon dioxide mixtures with HFO-1234yf, HFC-125, HFC-134a, and HFC-32: vapour-liquid equilibrium, density, and heat capacity. <i>International Journal of Refrigeration</i> , 2020, 118, 514-528.	3.4	33
5	Process development and thermodynamic analysis of a novel power generation plant driven by geothermal energy with liquefied natural gas as its heat sink. <i>Applied Thermal Engineering</i> , 2018, 133, 645-658.	6.0	37
6	Ground source heat pump carbon emissions and ground-source heat pump systems for heating and cooling of buildings: A review. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1241-1265.	2.3	55
7	Energy and Exergy Analyses of a Solid Oxide Fuel Cell-Gas Turbine-Organic Rankine Cycle Power Plant with Liquefied Natural Gas as Heat Sink. <i>Entropy</i> , 2018, 20, 484.	2.2	51
8	Introducing and energy analysis of a novel cryogenic hydrogen liquefaction process configuration. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 6033-6050.	7.1	150
9	Thermodynamic Analysis and Comparison of Performances of Air Standard Atkinson, Otto, and Diesel Cycles with Heat Transfer Considerations. <i>Heat Transfer - Asian Research</i> , 2017, 46, 996-1028.	2.8	9
10	Process development and exergy cost sensitivity analysis of a novel hydrogen liquefaction process. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 29797-29819.	7.1	51
11	Energy and advanced exergy analysis of an existing hydrocarbon recovery process. <i>Energy Conversion and Management</i> , 2016, 123, 523-534.	9.2	65