Mirhadi S Sadaghiani

List of Publications by Year
in descending order

11	511	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	428
all docs	docs citations	times ranked	citing authors

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