

Ravil Mustafin

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

150
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Steam methane reforming in a microchannel reformer: Experiment, CFD-modelling and numerical study. <i>Energy</i> , 2021, 237, 121624.	8.8	30
2	Numerical calculation with experimental validation of pressure drop in a fixed-bed reactor filled with the porous elements. <i>AIChE Journal</i> , 2020, 66, e16937.	3.6	29
3	Efficiency of chemically recuperated gas turbine fired with methane: Effect of operating parameters. <i>Applied Thermal Engineering</i> , 2022, 212, 118578.	6.0	28
4	Ammonia-fired chemically recuperated gas turbine: Thermodynamic analysis of cycle and recuperation system. <i>Energy</i> , 2022, 252, 124081.	8.8	28
5	Ammonia decomposition in the thermochemical waste-heat recuperation systems: A view from low and high heating value. <i>Energy Conversion and Management</i> , 2022, 251, 114959.	9.2	24
6	Methods of computational modeling of coronary heart vessels for its digital twin. <i>MATEC Web of Conferences</i> , 2018, 172, 01009.	0.2	10
7	Thermodynamic analysis of thermochemical recuperation of high-temperature flue gas heat. <i>Journal of Physics: Conference Series</i> , 2018, 1111, 012009.	0.4	1
8	A study of the aerodynamic characteristics in multifunctional active packing layer. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0