

Jiin-Yuh Jang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

385
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of thermoelectric generator module spacing and spreader thickness used in a waste heat recovery system. Applied Thermal Engineering, 2013, 51, 677-689.	6.0	94
2	Optimization of the span angle and location of vortex generators in a plate-fin and tube heat exchanger. International Journal of Heat and Mass Transfer, 2013, 67, 432-444.	4.8	77
3	Optimization of a slab heating pattern for minimum energy consumption in a walking-beam type reheating furnace. Applied Thermal Engineering, 2015, 85, 313-321.	6.0	58
4	Optimization of louvered-fin heat exchanger with variable louver angles. Applied Thermal Engineering, 2015, 91, 138-150.	6.0	44
5	The effects of geometric and operating conditions on the hydrogen production performance of a micro-methanol steam reformer. Chemical Engineering Science, 2010, 65, 5495-5506.	3.8	32
6	Fractal channel design in a micro methanol steam reformer. International Journal of Hydrogen Energy, 2014, 39, 1998-2007.	7.1	28
7	Optimal design of parallel channel patterns in a micro methanol steam reformer. International Journal of Hydrogen Energy, 2012, 37, 16974-16985.	7.1	22
8	The three-dimensional simulation and optimization of an integrated power system for reformerâ€œPrOxâ€œfuel cell modeling. International Journal of Hydrogen Energy, 2012, 37, 13797-13805.	7.1	8
9	Optimisation of a slab heating pattern with various skid button heights in a walking-beam-type reheating furnace. Ironmaking and Steelmaking, 2018, 45, 793-804.	2.1	7
10	3D dynamic thermal and thermomechanical stress analysis of a hot blast stove. Ironmaking and Steelmaking, 2020, 47, 959-972.	2.1	5
11	Optimal Heat Transfer Coefficient Distributions during the Controlled Cooling Process of an H-Shape Steel Beam. Advances in Materials Science and Engineering, 2017, 2017, 1-15.	1.8	4
12	The Heat Transfer Analysis of an Acting-type Heat Retention Panel used in a Hot Rolling Process. Applied Sciences (Switzerland), 2019, 9, 189.	2.5	3
13	Experimental and 3-D Numerical Heat Transfer Analyses of Dual Spray Water Nozzle Impingement on a Flat Plate. Heat and Mass Transfer, 2020, 56, 2397-2412.	2.1	3
14	Numerical Analysis of Sintered Particle Trajectories in a Electrostatic Precipitator. , 2011, , .		0