

Nader Jand

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

370
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Decomposition of Wood Particles in Fluidized Beds. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 5079-5089.	3.7	80
2	Catalytic biomass gasification: Simultaneous hydrocarbons steam reforming and CO ₂ capture in a fluidised bed reactor. <i>Chemical Engineering Journal</i> , 2009, 154, 375-383.	12.7	61
3	Thermodynamic Limits and Actual Product Yields and Compositions in Biomass Gasification Processes. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 834-843.	3.7	55
4	Design and cold model testing of a biomass gasifier consisting of two interconnected fluidized beds. <i>Powder Technology</i> , 2007, 173, 179-188.	4.2	52
5	A single-chip integrated interfacing circuit for wide-range resistive gas sensor arrays. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 218-225.	7.8	46
6	Modeling of biomass devolatilization in a fluidized bed reactor. <i>Canadian Journal of Chemical Engineering</i> , 1999, 77, 325-332.	1.7	33
7	Characterizing gas-solid fluidization by nonlinear tools: Chaotic invariants and dynamic moments. <i>Chemical Engineering Science</i> , 2012, 71, 252-263.	3.8	25
8	The influence of low pressure operation on fluidization quality. <i>Chemical Engineering Journal</i> , 2003, 95, 25-31.	12.7	18