

Abdul Raouf Tajik

List of Publications by Year in descending order

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18
papers

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1307594

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docs citations

18
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of base blowing by a large-scale fluidic oscillator on the bistable wake behind a flat-back Ahmed body. <i>Physics of Fluids</i> , 2022, 34, .	4.0	21
2	The Impact of Critical Operational Parameters on the Performance of the Aluminum Anode Baking Furnace. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	2.3	7
3	Sensitivity of a fluidic oscillator to modifications of feedback channel and mixing chamber geometry. <i>Experiments in Fluids</i> , 2021, 62, 1.	2.4	13
4	Multi-objective Optimization of Aluminum Anode Baking Process Employing a Response Surface Methodology. <i>Energy Procedia</i> , 2019, 158, 5541-5550.	1.8	4
5	On the impact of geometry scaling and mass flow rate on the frequency of a sweeping jet actuator. <i>FME Transactions</i> , 2019, 47, 599-607.	1.4	11
6	Optimizing Pulse Combustion Parameters in Carbon Anode Baking Furnaces for Aluminum Production. , 2019, , .		0
7	Investigating Effects of Different Flue-Wall Deformation Modes on the Performance of Anode Baking Furnaces for Aluminum Electrolysis. , 2019, , .		0
8	CFD Modelling of NOx and Soot Formation in Aluminum Anode Baking Furnace. , 2018, , .		0
9	Investigating the flue-wall deformation effects on performance characteristics of an open-top aluminum anode baking furnace. <i>Applied Energy</i> , 2018, 231, 1033-1049.	10.1	5
10	The effects of flue-wall design modifications on combustion and flow characteristics of an aluminum anode baking furnace-CFD modeling. <i>Applied Energy</i> , 2018, 230, 207-219.	10.1	17
11	Two Dimensional CFD Simulations of a Flue-wall in the Anode Baking Furnace for Aluminum Production. <i>Energy Procedia</i> , 2017, 105, 5134-5139.	1.8	8
12	Computational Modeling of the Effect of Flue-Wall Deformation on the Carbon Anode Quality for Aluminum Production. , 2017, , .		2
13	Numerical Investigation of Turbulent Diffusion Flame in the Aluminum Anode Baking Furnace Employing Presumed PDF. <i>Energy Procedia</i> , 2017, 142, 4157-4162.	1.8	3
14	3D Multiphysics model of the effect of flue-wall deformation on the anode baking homogeneity in horizontal flue carbon furnace. <i>Energy Procedia</i> , 2017, 142, 3982-3989.	1.8	7
15	Axis switching in impinging premixed methane-air flame jets. <i>Applied Thermal Engineering</i> , 2016, 107, 144-153.	6.0	8
16	Heat transfer distribution of impinging flame and air jets – A comparative study. <i>Applied Thermal Engineering</i> , 2016, 92, 42-49.	6.0	14
17	A numerical investigation on heat transfer and emissions characteristics of impinging radial jet reattachment combustion (RJRC) flame. <i>Applied Thermal Engineering</i> , 2015, 89, 534-544.	6.0	14
18	Effect of preheated mixture on heat transfer characteristics of impinging methane-air premixed flame jet. <i>International Journal of Heat and Mass Transfer</i> , 2015, 86, 550-562.	4.8	24