Shakhawat Hosasin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8619390/publications.pdf

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23	541	840119	676716
papers	citations	11 h-index	22 g-index

23	23	23	397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Centrifugal pump performance enhancement: Effect of splitter blade and optimization. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 391-402.	0.8	10
2	Greener and sustainable production of bioethylene from bioethanol: current status, opportunities and perspectives. Reviews in Chemical Engineering, 2022, 38, 185-207.	2.3	49
3	Multi-Response Optimization of Surface Grinding Process Parameters of AISI 4140 Alloy Steel Using Response Surface Methodology and Desirability Function under Dry and Wet Conditions. Coatings, 2022, 12, 104.	1.2	9
4	Recent advances of energy storage technologies for grid: A comprehensive review. Energy Storage, 2022, 4, .	2.3	26
5	Evaluation of Hydrodynamic and Thermal Behaviour of Non-Newtonian-Nanofluid Mixing in a Chaotic Micromixer. Micromachines, 2022, 13, 933.	1.4	4
6	A Review on LDH-Smart Functionalization of Anodic Films of Mg Alloys. Nanomaterials, 2021, 11, 536.	1.9	25
7	Enhancement of Mixing Performance of Two-Layer Crossing Micromixer through Surrogate-Based Optimization. Micromachines, 2021, 12, 211.	1.4	4
8	Kinematic Measurements of Novel Chaotic Micromixers to Enhance Mixing Performances at Low Reynolds Numbers: Comparative Study. Micromachines, 2021, 12, 364.	1.4	6
9	Stability Analysis of a Fractional-Order High-Speed Supercavitating Vehicle Model with Delay. Machines, 2021, 9, 129.	1.2	5
10	Fabrication of a Protective Hybrid Coating Composed of TiO2, MoO2, and SiO2 by Plasma Electrolytic Oxidation of Titanium. Metals, 2021, 11, 1182.	1.0	23
11	Performance Enhancement of the Micromixer by the Multiobjective Genetic Algorithm and Surrogate Model Based on a Navierâ€“Stokes Analysis Using Trade-Off Objective Functions. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	1
12	A Review on Synthesis, Properties, and Applications of Polylactic Acid/Silica Composites. Polymers, 2021, 13, 3036.	2.0	23
13	A SAR Micromixer for Water-Water Mixing: Design, Optimization, and Analysis. Processes, 2021, 9, 1926.	1.3	1
14	Development of Antimicrobial Cotton Fabric Impregnating AgNPs Utilizing Contemporary Practice. Coatings, 2021, 11, 1413.	1.2	7
15	Mixing Enhancement of Non-Newtonian Shear-Thinning Fluid for a Kenics Micromixer. Micromachines, 2021, 12, 1494.	1.4	3
16	A Review of Passive Micromixers with a Comparative Analysis. Micromachines, 2020, 11, 455.	1.4	97
17	Shape Optimization of a Three-Dimensional Serpentine Split-and-Recombine Micromixer. Chemical Engineering Communications, 2017, 204, 548-556.	1.5	14
18	Optimization of a Micromixer with Twoâ€Layer Serpentine Crossing Channels at Multiple Reynolds Numbers. Chemical Engineering and Technology, 2017, 40, 2212-2220.	0.9	10

#	Article	IF	Citations
19	A micromixer with two-layer serpentine crossing channels having excellent mixing performance at low Reynolds numbers. Chemical Engineering Journal, 2017, 327, 268-277.	6.6	97
20	Parametric investigation on mixing in a micromixer with two-layer crossing channels. SpringerPlus, 2016, 5, 794.	1.2	10
21	Mixing Performance of a Serpentine Micromixer with Non-Aligned Inputs. Micromachines, 2015, 6, 842-854.	1.4	37
22	Mixing Analysis of Passive Micromixer with Unbalanced Three-Split Rhombic Sub-Channels. Micromachines, 2014, 5, 913-928.	1.4	56
23	Optimization of Micromixer with Staggered Herringbone Grooves on Top and Bottom Walls. Engineering Applications of Computational Fluid Mechanics, 2011, 5, 506-516.	1.5	24