

Juliana Zaini

List of Publications by Year in descending order

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25
papers

1,241
citations

623188

14
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced materials and technologies for hybrid supercapacitors for energy storage – A review. <i>Journal of Energy Storage</i> , 2019, 25, 100852.	3.9	417
2	A review on proton conducting electrolytes for clean energy and intermediate temperature-solid oxide fuel cells. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 750-764.	8.2	285
3	Life cycle assessment, energy balance and sensitivity analysis of bioethanol production from microalgae in a tropical country. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109371.	8.2	92
4	Elemental, morphological and thermal analysis of mixed microalgae species from drain water. <i>Renewable Energy</i> , 2019, 131, 617-624.	4.3	76
5	Techno-economic and Sensitivity Analysis of Microalgae as Commercial Feedstock for Bioethanol Production. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13157.	1.3	64
6	Highly dense and novel proton conducting materials for SOFC electrolyte. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27308-27322.	3.8	39
7	Highly dense and chemically stable proton conducting electrolyte sintered at 1200°C. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 894-907.	3.8	38
8	Between-the-Holes Cryogenic Cooling of the Tool in Hole-Making of Ti-6Al-4V and CFRP. <i>Materials</i> , 2021, 14, 795.	1.3	31
9	Experimental investigation of energy properties for <i>Stigonematales</i> sp. microalgae as potential biofuel feedstock. <i>International Journal of Sustainable Engineering</i> , 2019, 12, 123-130.	1.9	26
10	Sustainable Milling of Ti-6Al-4V: Investigating the Effects of Milling Orientation, Cutter's Helix Angle, and Type of Cryogenic Coolant. <i>Metals</i> , 2020, 10, 258.	1.0	24
11	Scheelite type $Sr_{1-x}Ba_xWO_4$ ($x=0.1, 0.2, 0.3$) for possible application in Solid Oxide Fuel Cell electrolytes. <i>Scientific Reports</i> , 2019, 9, 9173.	1.6	21
12	Field measurement on the model of green facade systems and its effect to building indoor thermal comfort. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 166, 108212.	2.5	20
13	The Efficacy of the Period of Saccharification on Oil Palm (<i>Elaeis guineensis</i>) Trunk Sap Hydrolysis. <i>International Journal of Technology</i> , 2018, 9, 652.	0.4	19
14	Comparative analyses of multi-pass face-turning of a titanium alloy under various cryogenic cooling and micro-lubrication conditions. <i>International Journal of Lightweight Materials and Manufacture</i> , 2019, 2, 388-396.	1.3	15
15	Effectiveness of filters in reducing consolidation time in routine laboratory testing. <i>Geotechnique</i> , 2010, 60, 949-956.	2.2	12
16	Effect of Nd-doping on structural, thermal and electrochemical properties of $LaFe_{0.5}Cr_{0.5}O_3$ perovskites. <i>Ceramics International</i> , 2016, 42, 4532-4538.	2.3	10
17	Calorific Value Analysis of <i>Azadirachta Excelsa</i> and <i>Endospermum Malaccense</i> as Potential Solid Fuels Feedstock. <i>International Journal of Technology</i> , 2017, 8, 634.	0.4	10
18	Observation to Building Thermal Characteristic of Green Façade Model Based on Various Leaves Covered Area. <i>Buildings</i> , 2019, 9, 75.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Enhancement of proton conductivity through Yb and Zn doping in BaCe _{0.5} Zr _{0.35} Y _{0.15} O _{3-δ} electrolyte for IT-SOFCs. Processing and Application of Ceramics, 2018, 12, 180-188.	0.4	7
20	Thermal insulation effect of green façades based on calculation of heat transfer and long wave infrared radiative exchange. Measurement: Journal of the International Measurement Confederation, 2022, 188, 110555.	2.5	7
21	Investigating the impact of tool inertia on machinability of a β -titanium alloy using tool deflection and acoustic emission. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 1745-1760.	1.5	6
22	Syngas Fuelled High Performance Solid Oxide Fuel Cell. ECS Transactions, 2019, 91, 1621-1629.	0.3	5
23	Data on records of temperature and relative humidity in a building model with green facade systems. Data in Brief, 2020, 28, 104896.	0.5	4
24	On Coolant Flow Rate-Cutting Speed Trade-Off for Sustainability in Cryogenic Milling of Ti-6Al-4V. Materials, 2021, 14, 3429.	1.3	4
25	Electrochemical Performance of a Novel Proton Conducting Electrolyte-Based IT-SOFC. ECS Transactions, 2019, 91, 971-981.	0.3	1