

# Juliana Zaini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1003564/publications.pdf>

Version: 2024-02-01

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	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
2	Between-the-Holes Cryogenic Cooling of the Tool in Hole-Making of Ti-6Al-4V and CFRP. Materials, 2021, 14, 795.	1.3	31
3	On Coolant Flow Rate-Cutting Speed Trade-Off for Sustainability in Cryogenic Milling of Ti-6Al-4V. Materials, 2021, 14, 3429.	1.3	4
4	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
5	Field measurement on the model of green facade systems and its effect to building indoor thermal comfort. Measurement: Journal of the International Measurement Confederation, 2020, 166, 108212.	2.5	20
6	Sustainable Milling of Ti-6Al-4V: Investigating the Effects of Milling Orientation, Cutter's Helix Angle, and Type of Cryogenic Coolant. Metals, 2020, 10, 258.	1.0	24
7	Elemental, morphological and thermal analysis of mixed microalgae species from drain water. Renewable Energy, 2019, 131, 617-624.	4.3	76
8	Advanced materials and technologies for hybrid supercapacitors for energy storage – A review. Journal of Energy Storage, 2019, 25, 100852.	3.9	417
9	Electrochemical Performance of a Novel Proton Conducting Electrolyte-Based IT-SOFC. ECS Transactions, 2019, 91, 971-981.	0.3	1
10	Syngas Fuelled High Performance Solid Oxide Fuel Cell. ECS Transactions, 2019, 91, 1621-1629.	0.3	5
11	Life cycle assessment, energy balance and sensitivity analysis of bioethanol production from microalgae in a tropical country. Renewable and Sustainable Energy Reviews, 2019, 115, 109371.	8.2	92
12	Techno-economics and Sensitivity Analysis of Microalgae as Commercial Feedstock for Bioethanol Production. Environmental Progress and Sustainable Energy, 2019, 38, 13157.	1.3	64
13	Scheelite type Sr <sub>1-x</sub> BaxWO <sub>4</sub> (x=0.1, 0.2, 0.3) for possible application in Solid Oxide Fuel Cell electrolytes. Scientific Reports, 2019, 9, 9173.	1.6	21
14	Observation to Building Thermal Characteristic of Green Façade Model Based on Various Leaves Covered Area. Buildings, 2019, 9, 75.	1.4	8
15	Comparative analyses of multi-pass face-turning of a titanium alloy under various cryogenic cooling and micro-lubrication conditions. International Journal of Lightweight Materials and Manufacture, 2019, 2, 388-396.	1.3	15
16	Experimental investigation of energy properties for <i>Stigonematales</i> sp. microalgae as potential biofuel feedstock. International Journal of Sustainable Engineering, 2019, 12, 123-130.	1.9	26
17	Investigating the impact of tool inertia on machinability of a $\hat{2}$ -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
18	Highly dense and chemically stable proton conducting electrolyte sintered at 1200°C. International Journal of Hydrogen Energy, 2018, 43, 894-907.	3.8	38

#	ARTICLE	IF	CITATIONS
19	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
20	Enhancement of proton conductivity through Yb and Zn doping in BaCe <sub>0.5</sub> Zr <sub>0.35</sub> Y <sub>0.15</sub> O <sub>3-<math>\delta</math></sub> electrolyte for IT-SOFCs. <i>Processing and Application of Ceramics</i> , 2018, 12, 180-188.	0.4	7
21	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
22	Highly dense and novel proton conducting materials for SOFC electrolyte. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27308-27322.	3.8	39
23	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
24	Effect of Nd-doping on structural, thermal and electrochemical properties of LaFe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> perovskites. <i>Ceramics International</i> , 2016, 42, 4532-4538.	2.3	10
25	Effectiveness of filters in reducing consolidation time in routine laboratory testing. <i>Geotechnique</i> , 2010, 60, 949-956.	2.2	12