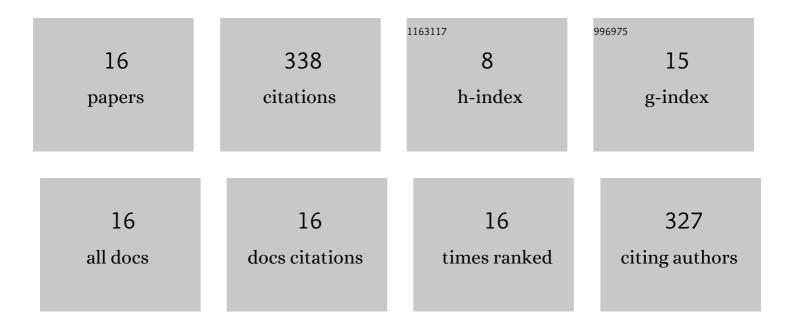
## Azlan Ahmad

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/617111/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effects of submerged convective cooling in the turning of AZ31 magnesium alloy for tool temperature and wear improvement. International Journal of Advanced Manufacturing Technology, 2022, 120, 3181-3200.	3.0	3
2	A review on the corrosion resistance of electroless Ni-P based composite coatings and electrochemical corrosion testing methods. Corrosion Reviews, 2022, 40, 1-37.	2.0	28
3	The Effect of Residual Solvent in Carbonâ^'Based Filler Reinforced Polymer Coating on the Curing Properties, Mechanical and Corrosive Behaviour. Materials, 2022, 15, 3445.	2.9	1
4	The Effect of Welding Current and Electrode Force on the Heat Input, Weld Diameter, and Physical and Mechanical Properties of SS316L/Ti6Al4V Dissimilar Resistance Spot Welding with Aluminum Interlayer. Materials, 2021, 14, 1129.	2.9	7
5	An Exploratory Study on Resistance Spot Welding of Titanium Alloy Ti-6Al-4V. Materials, 2021, 14, 2336.	2.9	1
6	Modelling and optimization of microhardness of electroless Ni–P–TiO2 composite coating based on machine learning approaches and RSM. Journal of Materials Research and Technology, 2021, 12, 1010-1025.	5.8	48
7	Study and Use of Rice Husk Ash as a Source of Aluminosilicate in Refractory Coating. Materials, 2021, 14, 3440.	2.9	8
8	Bio-ceramic coatings adhesion and roughness of biomaterials through PM-EDM: a comprehensive review. Materials and Manufacturing Processes, 2020, 35, 1157-1180.	4.7	55
9	Statistical Optimization by the Response Surface Methodology of Direct Recycled Aluminum-Alumina Metal Matrix Composite (MMC-AIR) Employing the Metal Forming Process. Processes, 2020, 8, 805.	2.8	16
10	Multiresponse Optimization and Environmental Analysis in Direct Recycling Hot Press Forging of Aluminum AA6061. Materials, 2019, 12, 1918.	2.9	18
11	Integrating Simulation with Experiment for Recycled Metal Matrix Composite (MMC-Al <sub>R</sub> ) Developed through Hot Press Forging. Key Engineering Materials, 2018, 775, 493-498.	0.4	1
12	Effect of Unit Cell Type and Pore Size on Porosity and Mechanical Behavior of Additively Manufactured Ti6Al4V Scaffolds. Materials, 2018, 11, 2402.	2.9	102
13	Conjectured the Behaviour of a Recycled Metal Matrix Composite (MMC–AlR) Developed through Hot Press Forging by Means of 3D FEM Simulation. Materials, 2018, 11, 958.	2.9	5
14	Hot Press as a Sustainable Direct Recycling Technique of Aluminium: Mechanical Properties and Surface Integrity. Materials, 2017, 10, 902.	2.9	27
15	On the Role of Processing Parameters in Producing Recycled Aluminum AA6061 Based Metal Matrix Composite (MMC-AlR) Prepared Using Hot Press Forging (HPF) Process. Materials, 2017, 10, 1098.	2.9	12
16	Life Cycle Assessment on the Effects of Parameter Setting in Direct Recycling Hot Press Forging of Aluminum. Materials Science Forum, 0, 923, 143-148.	0.3	6