

Mohd Halim Irwan Ibrahim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Parameter Optimization of WC-TaC-6Co Green Part in Injection Moulding using Taguchi Method. IOP Conference Series: Materials Science and Engineering, 2020, 834, 012077.	0.6	2
2	EFFECTS OF BEATING ON THE CHARACTERISTICS OF MALAYSIAN DURIAN (DURIO ZIBETHINUS MURR.) RIND CHEMI-MECHANICAL (CMP) PULP AND PAPER. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	2
3	Effect of Immerse Temperature and Time on Solvent Debinding Process of Stainless Steel 316L Metal Injection Molding. IOP Conference Series: Materials Science and Engineering, 2017, 165, 012016.	0.6	1
4	Effects of Soda-Anthraquinone Pulping Variables on the Durian Rind Pulp and Paper Characteristics: A Preliminary Test. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012175.	0.6	2
5	Soda-Anthraquinone Durian (Durio Zibethinus Murr.) Rind Linerboard and Corrugated Medium Paper: A Preliminary Test. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012174.	0.6	0
6	EFFECTS OF TOTAL CHLORINE FREE (TCF) BLEACHING ON THE CHARACTERISTICS OF CHEMI MECHANICAL (CMP) PULP AND PAPER FROM MALAYSIAN DURIAN (DURIO ZIBETHINUS MURR.) RIND. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	1
7	Influences of Restaurant Waste Fats and Oils (RWFO) from Grease Trap as Binder on Rheological and Solvent Extraction Behavior in SS316L Metal Injection Molding. Metals, 2016, 6, 19.	2.3	6
8	Characteristics of Linerboard and Corrugated Medium Paper Made from Durian Rinds Chemi-mechanical Pulp. MATEC Web of Conferences, 2016, 51, 02007.	0.2	7
9	The Influence of Selective Laser Melting Parameters on Density and Mechanical Properties of AlSi10Mg. MATEC Web of Conferences, 2016, 78, 01078.	0.2	13
10	Chemi-mechanical Pulping of Durian Rinds. Procedia Manufacturing, 2015, 2, 171-180.	1.9	32
11	Processability study of Natural Hydroxyapatite and SS316L via metal injection molding. , 2015, , .		1
12	Effect of Beating Process to Soda Anthraquinone Pulp of Oil Palm Male Flower Spikes Fibre. Applied Mechanics and Materials, 2015, 773-774, 158-162.	0.2	9
13	Green Density Optimisation with Sustainable Sewage Fat as Binder Components in SS316L Feedstock of Metal Injection Moulding Process (MIM) by Taguchi Method. Applied Mechanics and Materials, 2015, 773-774, 173-177.	0.2	3
14	Solvent debinding variables on leaching Fat, Oil and Grease (FOG) derivatives of green part stainless steel SS316L metal injection moulding. , 2015, , .		0
15	Influence Of Composition and Sintering Temperature on Density for Pure and Titanium Alloy Foams. Jurnal Teknologi (Sciences and Engineering), 2014, 68, .	0.4	2
16	Soda Anthraquinone Pulping of Oil Palm Male Flower Spikes. Applied Mechanics and Materials, 2014, 660, 373-377.	0.2	5
17	Mixing and Characterisation of Stainless Steel 316L Feedstock for Waste Polystyrene Binder System in Metal Injection Molding (MIM). Applied Mechanics and Materials, 2014, 607, 83-86.	0.2	4
18	The Influence of Sewage Fat Composition on Rheological Behavior of Metal Injection Moulding. Applied Mechanics and Materials, 2014, 660, 38-42.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Melt Flow Behavior of Polymer Matrix Extrusion for Fused Deposition Modeling (FDM). Applied Mechanics and Materials, 2014, 660, 89-93.	0.2	6
20	Characterization of Micro Metal Injection Molding by Using PMMA & PEG. Applied Mechanics and Materials, 2013, 315, 992-996.	0.2	0
21	Optimizing the Sintering Parameter of Metal Injection Molding Compact Using Robust Engineering Technique. Advanced Materials Research, 2012, 445, 357-361.	0.3	0
22	Optimization of Micro Metal Injection Molding By Using Grey Relational Grade. AIP Conference Proceedings, 2011, , .	0.4	4
23	Injection Molding Parameter Optimization of Ti-6Al-4V Powder Mix With Palm Stearin and Polyethylene for Highest Green Strength Using Taguchi Method. , 2011, , .		7
24	Optimization of Micro Metal Injection Molding SS 316L for the Highest Green Strength by Using Taguchi Method. Advanced Materials Research, 2011, 264-265, 135-140.	0.3	6
25	Rheological Characterization of Water Atomised Stainless Steel SS316L for Micro MIM. Advanced Materials Research, 2011, 264-265, 129-134.	0.3	5
26	Multiple Performance Optimization for the Best Metal Injection Molding Green Compact. Journal of Applied Sciences, 2011, 11, 1663-1667.	0.3	2
27	Application of the Grey-Taguchi Method to the Optimization of Metal Injection Molding (MIM) Process. Key Engineering Materials, 2010, 443, 63-68.	0.4	4
28	Parameter Optimization towards Highest Micro MIM Density by Using Taguchi Method. Key Engineering Materials, 2010, 443, 705-710.	0.4	10
29	Rheological Investigation of Water Atomized Metal Injection Molding (MIM) Feedstock for Processibility Prediction. Advanced Materials Research, 0, 83-86, 945-952.	0.3	6
30	Multiple Performance Optimization for the Best Injection Molding Process of Ti-6Al-4V Green Compact. Applied Mechanics and Materials, 0, 44-47, 2707-2711.	0.2	2
31	Rheological Investigation of ZK60 Magnesium Alloy Feedstock for Metal Injection Moulding Using Palm Stearin Based Binder System. Applied Mechanics and Materials, 0, 44-47, 4126-4130.	0.2	9
32	Parameter Optimization of Injection Molding Ti-6Al-4V Powder and Palm Stearin Binder System for Highest Green Density Using Taguchi Method. Key Engineering Materials, 0, 443, 69-74.	0.4	11
33	Optimisation of Processing Parameters of Titanium Foams Using Taguchi Method for Compressive Strength. Key Engineering Materials, 0, 447-448, 671-675.	0.4	1
34	Characterisation of Titanium Alloy Feedstock for Metal Injection Moulding Using Palm Stearin Binder System. Advanced Materials Research, 0, 264-265, 586-591.	0.3	8
35	Taguchi Method for the Determination of Optimised Sintering Parameters of Titanium Alloy Foams. Advanced Materials Research, 0, 264-265, 1731-1736.	0.3	5
36	Orthogonal Array Technique for Optimizing the Sintering Parameter of the Metal Injection Molding (MIM) Compact: Best Flexure Strength. Advanced Materials Research, 0, 264-265, 290-294.	0.3	3

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37	The Effect of Mechanical Properties of 2.0% Vanadium Ductile Iron after Double Quenching Method. Advanced Materials Research, 0, 399-401, 172-175.	0.3	2
38	Mechanical Properties of Highly Filled Iron-ABS Composites in Injection Molding for FDM Wire Filament. Materials Science Forum, 0, 773-774, 448-453.	0.3	10
39	Optimisation of Processing Condition Using Taguchi Method on Warpage for HDPE-Clay Composite. Applied Mechanics and Materials, 0, 660, 28-32.	0.2	4
40	Mixing Homogeneity and Rheological Characterization for Optimal Binder Formulation for Metal Injection Moulding. Applied Mechanics and Materials, 0, 607, 181-184.	0.2	6
41	Melt Flow Behavior of Metal Filled in Polymer Matrix for Fused Deposition Modeling (FDM) Filament. Applied Mechanics and Materials, 0, 660, 84-88.	0.2	7
42	Optimisation of Processing Condition Using Taguchi Method on Strength of HDPE-Natural Fibres Micro Composite. Applied Mechanics and Materials, 0, 660, 33-37.	0.2	6
43	A Study on Contact Angle and Surface Tension on Copper-ABS for FDM Feedstock. Applied Mechanics and Materials, 0, 607, 747-751.	0.2	2
44	Sustainable Natural Bio Composite for FDM Feedstocks. Applied Mechanics and Materials, 0, 607, 65-69.	0.2	14
45	Mixing Study of Aluminium Waste as Metal Powder for Waste Polystyrene Binder System in Metal Injection Molding (MIM). Applied Mechanics and Materials, 0, 660, 239-243.	0.2	1
46	Melt Flow Index of Recycle ABS for Fused Deposition Modeling (FDM) Filament. Applied Mechanics and Materials, 0, 773-774, 3-7.	0.2	4
47	Green Strength Optimization in Metal Injection Molding Applicable with a Taguchi Method L9 (3) ⁴ . Applied Mechanics and Materials, 0, 773-774, 115-117.	0.2	3