Sufizar Ahmad

List of Publications by Year
in descending order

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57 papers	172 citations	2258001 3 h-index	1872665 6 g-index

57 all docs	57 docs citations	57 times ranked	171 citing authors

#	Article	IF	Citations
1	Effects of Binary (Lithium/Natrium)2 Carbonates on the Phase and Microstructural Stability of Lscf-Sdc for Low Temperature Solid Oxide Fuel Cells. Sains Malaysiana, 2020, 49, 3155-3167.	0.5	2
2	Effect of SSC Loading and Calcination Temperature on The Phase and Microstructure Formation of SSC-SDCC Cathode. International Journal of Integrated Engineering, 2019, 11, .	0.4	2
3	Evaluation of Varied Model Order in GA-optimised Parameter Estimation of Toothbrush Rig System. International Journal of Integrated Engineering, 2019, 11, .	0.4	0
4	Numerical Simulation in Transient Flow of Non-Newtonian Fluid in Nozzles. International Journal of Integrated Engineering, 2018, 10, .	0.4	1
5	Crushing Performances of Axially Compressed Woven Kenaf Fiber Reinforced Cylindrical Composites. International Journal of Integrated Engineering, 2018, 10, .	0.4	2
6	The Impact of Composition and Sintering Temperature for Stainless Steel Foams (SS316L) Fabricated by Space Holder Method with Urea as Space Holder. Materials Science Forum, 2017, 888, 413-417.	0.3	8
7	Assessment and Evaluation for Programme Learning Outcomes in Faculty of Mechanical and Manufacturing Engineering, Universiti Tun Hussein Onn Malaysia. IOP Conference Series: Materials Science and Engineering, 2017, 165, 012033.	0.6	0
8	Feedback Survey on the Usability of the OFFERA Method for Assessing an Exposure Risks of Computer Work Related to WMSDs. MATEC Web of Conferences, 2017, 135, 00025.	0.2	1
9	Influence of Alkali Resistant (Ar) Fibreglass in Porcelain Clay for Manufacturing Vitrified Clay Pipes. Journal of Physics: Conference Series, 2017, 914, 012020.	0.4	0
10	Effect of triggering angles on the crushing mechanisms of hybrid woven kenaf/aluminum hollow cylinders. Journal of Physics: Conference Series, 2017, 914, 012034.	0.4	0
11	The effects of composition and sintering temperature on the silica foam fabricated by slurry method. AIP Conference Proceedings, 2016, , .	0.4	2
12	The Formation of Cobalt Chromium Molybdenum (CoCrMo) Foams Fabricated by Slurry Method. Materials Science Forum, 2016, 840, 197-201.	0.3	0
13	Effect of Using Different Compositions and PU Foam Template to Produce Cobalt Chromium Molybdenum (CoCrMo) Foams. Materials Science Forum, 2016, 840, 202-206.	0.3	0
14	Influence of Binary Carbonate on the Physical and Chemical Properties of Composite Cathode for Low-Temperature SOFC. Advanced Materials Research, 2015, 1087, 177-181.	0.3	5
15	Effects of Milling Techniques and Calcinations Temperature on the Composite Cathode Powder LSCF-SDC Carbonate. Advanced Materials Research, 2014, 893, 325-328.	0.3	0
16	The Influence of SS316L Foam Fabrication Parameter Using Powder Metallurgy Route. Advanced Materials Research, 2014, 974, 174-178.	0.3	0
17	Synthesis of Poly(vinyl alcohol)/Chitosan/Silicon Oxide Beads Untreated and Glutaraldehyde Treated. Advanced Materials Research, 2014, 893, 27-30.	0.3	0
18	Synthesis of Poly(vinyl alcohol)/Chitosan/Titanium Oxide Beads. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	2

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19	Optimizing the Sintering Parameter of Metal Injection Molding Compact Using Robust Engineering Technique. Advanced Materials Research, 2012, 445, 357-361.	0.3	0
20	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
21	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
22	Parameter Optimization towards Highest Micro MIM Density by Using Taguchi Method. Key Engineering Materials, 2010, 443, 705-710.	0.4	10
23	Rheological Investigation of Water Atomized Metal Injection Molding (MIM) Feedstock for Processibility Prediction. Advanced Materials Research, 0, 83-86, 945-952.	0.3	6
24	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
25	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
26	Optimisation of Processing Parameters of Titanium Foams Using Taguchi Method for Compressive Strength. Key Engineering Materials, 0, 447-448, 671-675.	0.4	1
27	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
28	Taguchi Method for the Determination of Optimised Sintering Parameters of Titanium Alloy Foams. Advanced Materials Research, 0, 264-265, 1731-1736.	0.3	5
29	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
30	Short Review: Ceramic Foam Fabrication Techniques for Wastewater Treatment Application. Advanced Materials Research, 0, 795, 5-8.	0.3	21
31	Potassium Bromide as Space Holder for Titanium Foam Preparation. Applied Mechanics and Materials, 0, 465-466, 922-926.	0.2	4
32	Effect of Sintering Temperature on the Physical Properties of Titania-Alumina-Silver Nitrate Foam. Applied Mechanics and Materials, 0, 465-466, 877-880.	0.2	2
33	The Effect of Sintering Temperature and Composition for Density and Porosity of SS316L Foam. Applied Mechanics and Materials, 0, 465-466, 988-992.	0.2	2
34	Effects of Calcination Factors on the Composite Cathode Powder LSCF-SDC Carbonate by Using Dry Milling. Applied Mechanics and Materials, 0, 465-466, 167-171.	0.2	0
35	Short Review: Role of Metal Oxides as Filler in Polysiloxane Sheet Composite. Applied Mechanics and Materials, 0, 465-466, 27-31.	0.2	2
36	Durability and Stability of LSCF Composite Cathode for Intermediate-Low Temperature of Solid Oxide Fuel Cell (IT-LT SOFC): Short Review. Advanced Materials Research, 0, 893, 732-737.	0.3	24

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37	Development and Characterization of SS316L Foam Prepared by Powder Metallurgy Route. Applied Mechanics and Materials, 0, 534, 31-37.	0.2	6
38	Characterisation of Hand-Cast Polysiloxane-Silica Sheet Composite. Advanced Materials Research, 0, 893, 250-253.	0.3	3
39	Influence of Ag on Chemical and Thermal Compatibility of LSCF-SDCC for LT-SOFC. Applied Mechanics and Materials, 0, 773-774, 445-449.	0.2	2
40	Production of Cobalt Chromium Molybdenum (CoCrMo) Foam by Replication Method. Advanced Materials Research, 0, 1087, 91-95.	0.3	1
41	Assessing the Physical Properties of Cobalt Chromium Molybdenum (CoCrMo) Foams with Different Composition. Advanced Materials Research, 0, 1133, 314-318.	0.3	0
42	Production of Stainless Steel 316L Foam with Different Solid Loading. Materials Science Forum, 0, 840, 321-325.	0.3	0
43	Ba₀.₅Sr₀.₅Co₀.₈Fe₀.₂O_{3-δ} Carbonate Composite Cathode for Low-Temperature SOFCs. Materials Science Forum, 0, 840, 247-251.	0.3	5
44	Physical Properties of 316L Stainless Steel (SS316L) Foam with Different Composition by Using Compaction Method. Materials Science Forum, 0, 840, 289-293.	0.3	1
45	Characterization of 316L Stainless Steel Foams for Biomedical Applications. Materials Science Forum, 0, 840, 231-235.	0.3	2
46	The Effect of Different Composition of Stainless Steel (SS316L) Foam via Space Holder Method. Advanced Materials Research, 0, 1133, 310-313.	0.3	2
47	The Effect of Different Silica Compositions to the Properties of Silica Foam Fabricated Using Slurry Method. Materials Science Forum, 0, 888, 121-125.	0.3	2
48	Diversification Studies on Samarium Strontium Cobaltite Regarding Thermal & Structural Properties as Based Composite Cathode of SOFC. Materials Science Forum, 0, 888, 162-166.	0.3	1
49	Physical and Mechanical Characteristics of Porous SS316L for Biomedical Implant. Solid State Phenomena, 0, 268, 374-378.	0.3	6
50	Processing of Porous Stainless Steel by Compaction Method Using Egg Shell as Space Holder. Key Engineering Materials, 0, 791, 123-128.	0.4	0
51	Effect of Various Solid Loadings in Producing Silica-Nickel Oxide (SiO₂- NiO) Foams. Key Engineering Materials, 0, 791, 50-56.	0.4	0
52	Failure Analysis on Heat Exchanger Tube Bundle Exposed to Naphthenic Acid Corrosion. Key Engineering Materials, 0, 791, 95-101.	0.4	0
53	Influence of Heat Treatment and Milling Speed on Phase Stability of Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-δ} Composite Cathode Solid Oxide Fuel Cell. Key Engineering Materials, 0, 791, 66-73.	0.4	1
54	Effect of SiO₂ Solid Loading and Sintering Temperatures on the Physical Properties of SiO₂-NiO Foam. Key Engineering Materials, 0, 791, 37-44.	0.4	0

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55	Morphological and Physical Behaviour on the Sm0.5Sr0.5CoO3-Î´/Sm0.2 Ce0.8O1.9 Incorporation with Binary Carbonate as Potential Cathode Materials for SOFC. Key Engineering Materials, 0, 791, 59-65.	0.4	1
56	Fabrication of Silica (SiO₂) Foam from Rice Husk Ash (RHA): Effects of Solid Loadings. Solid State Phenomena, 0, 317, 109-115.	0.3	0
57	Effect of Fabrication Method on Tensile Behaviour of Polysiloxane (POS) Filled Rice Husk Silica (RHA) Tj ETQq1 1 0.784314 rgBT /Over	0.3	1