Mohd Nazree Derman

List of Publications by Year
in descending order

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		1163117	1058476
61	321	8	14
papers	citations	h-index	g-index

61	61	61	337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Investigation of TiO2Addition on Microstructure Evolution of Sn-Cu-Ni Solder Paste Composite. MATEC Web of Conferences, 2016, 78, 01070.	0.2	3
2	Hexanal Gas Detection Using Chitosan Biopolymer as Sensing Material at Room Temperature. Journal of Sensors, 2016, 2016, 1-7.	1.1	13
3	Nitric acid treated multi-walled carbon nanotubes optimized by Taguchi method. AIP Conference Proceedings, 2016, , .	0.4	16
4	Highly Response and Sensitivity Chitosan-Polyvinyl alcohol Based Hexanal Sensors. MATEC Web of Conferences, 2016, 78, 01072.	0.2	3
5	Influence of Activated Carbon Particles on Intermetallic Compound Growth Mechanism in Sn-Cu-Ni Composite Solder. MATEC Web of Conferences, 2016, 78, 01064.	0.2	1
6	A brief review of calcium phosphate conversion coating on magnesium and its alloys. , 2016, , .		3
7	Effect of TiO 2 additions on Sn-0.7Cu-0.05Ni lead-free composite solder. Microelectronics Reliability, 2016, 65, 255-264.	1.7	54
8	Wettability and Shear Strength of Sn-Cu-Ni-xSi₃N₄ Composite Solder. Key Engineering Materials, 2016, 700, 152-160.	0.4	6
9	The Influence of Activated Carbon (AC) on Melting Temperature, Wettability and Intermetallic Compound Formation of Sn-Cu-Ni (SN100C) Solder Paste. Applied Mechanics and Materials, 2015, 754-755, 551-555.	0.2	1
10	Effect of Si₃N₄ Addition on the Properties of Sn-1.0Ag-0.7Cu Solder Alloy. Materials Science Forum, 2015, 819, 167-172.	0.3	3
11	Oxide Dissolution Treatment of Porous Anodic Alumina. Advanced Materials Research, 2015, 1109, 73-77.	0.3	0
12	The Effect of Micron-Size Silicon Additions on Microstructure, Microhardness and Thermal Properties of Sn-Cu-Ni Solder Alloy. Materials Science Forum, 2015, 819, 161-166.	0.3	2
13	Influence of Micron-Size Activated Carbon Additions on the Microstructure, Microhardness and Thermal Properties of Sn-Cu-Ni (SN100C) Solder Fabricated via Powder Metallurgy Method. Applied Mechanics and Materials, 2015, 754-755, 513-517.	0.2	1
14	Role of Metals Content in Spinach in Enhancing the Conductivity and Optical Band Gap of Chitosan Films. Advances in Materials Science and Engineering, 2015, 2015, 1-8.	1.8	8
15	Fabrication and Characterization of Different Ca Content in Mg-Ca Composite Using Powder Metallurgy Technique. Materials Science Forum, 2015, 819, 309-313.	0.3	1
16	Characterization of PM Fe-Cr-Y₂O₃Composites Prepared by Microwave Sintering Technology. Advanced Materials Research, 2014, 879, 43-50.	0.3	0
17	The effect of metallic oxide deposition on the electrochemical behaviour of Al-Zn-Mg-Sn alloy in natural tropical seawater. IOP Conference Series: Materials Science and Engineering, 2014, 60, 012051.	0.6	1
18	Rapid and sensitive E-Coli DNA detection by titanium dioxide nanoparticles. , 2014, , .		2

#	Article	IF	Citations
19	A simple one-step anodising method for the synthesis of ordered porous anodic alumina. Journal of Experimental Nanoscience, 2014, 9, 106-112.	2.4	15
20	Synthesis of zinc oxide thin film by anodizing. , 2014, , .		2
21	Effects of ethanol in oxalic acid on the synthesis of porous anodic alumina. , 2014, , .		0
22	MICROSTRUCTURE AND IN-VITRO TEST BIOACTIVITY BEHAVIOR OF Co-Cr-Mo (F-75)/HYDROXYAPATITE IN PHOSPHATE BUFFERED SALINE SOLUTION. Acta Metallurgica Slovaca, 2014, 20, 82-88.	0.7	9
23	Cu-SiC_p Composites as Advanced Electronic Packaging Materials. Key Engineering Materials, 2013, 594-595, 852-856.	0.4	3
24	Characteristic and Corrosion Studies of Rare Earth (REE) Based Anodizing on AZ91D Magnesium Alloy. Key Engineering Materials, 2013, 594-595, 571-574.	0.4	1
25	Effect of Anodizing Voltage on the Growth Kinetics of Porous Anodic Alumina on Al-0.5 wt% Mn Alloys. Advanced Materials Research, 2013, 795, 56-59.	0.3	8
26	Effect of Anodizing Voltage on the Morphology and Growth Kinetics of Porous Anodic Alumina on Al-0.5 wt% Mn Alloys. Advanced Materials Research, 2013, 832, 101-106.	0.3	9
27	Electrochemical Corrosion Behaviour of Mg-(Ca,Mn) Sacrificial Anodes. Advanced Materials Research, 2013, 795, 530-534.	0.3	1
28	Thermal Expansion Behavior of the Electroless Copper Coated Cu-SiC_p Composites Fabricated via the Conventional Powder Metallurgical Technique. Key Engineering Materials, 2013, 594-595, 857-861.	0.4	1
29	Effect of Heat Treatment on Microstructure and Corrosion Behavior of Az91d Magnesium Alloy. Advanced Materials Research, 2013, 685, 102-106.	0.3	14
30	Surface Morphology and Corrosion Behavior of Electrolytic Coatings in Different Aqueous Solutions. Key Engineering Materials, 2013, 594-595, 585-589.	0.4	0
31	A Study on the Effect of Modified Electrolyte to the Formation of AAO Membrane in Anodising Process. Advanced Materials Research, 2013, 795, 223-227.	0.3	0
32	Corrosion Behaviour of Anodised Powder Metallurgy Aluminium-Magnesium Composites. Advanced Materials Research, 2013, 795, 469-473.	0.3	2
33	Overview of Pathogenic Micro-Organisms Destruction in Contaminated Water by Oxide Photocatalysis. Advanced Materials Research, 2013, 795, 483-487.	0.3	0
34	Different Concentration of Al(NO₃)₃ in ZrO₂/Al₂O₃ Double Layer Coating Steel Prepared by Electrolytic Method. Key Engineering Materials, 2013, 594-595, 561-565.	0.4	0
35	Comparison Study in Consolidation of Yttria Reinforced Iron-Chromium Composites Using Conventional and Microwave Sintering Technique. Key Engineering Materials, 2013, 594-595, 832-836.	0.4	2
36	Effect of Temperature of Oxalic Acid on the Fabrication of Porous Anodic Alumina from Al-Mn Alloys. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	24

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37	Using Gibbs Standard State Free Energy And A Power Regulating Device To Predict And Control The Fabrication Of Nanoporous Alumina. Advanced Materials Letters, 2013, 4, 899-904.	0.6	2
38	Effect of Manganese Content on the Fabrication of Porous Anodic Alumina. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	14
39	Room Temperature Anodization Of Aluminum And The Effect Of The Electrochemical Cell In The Formation Of Porous Alumina Films From Acid And Alkaline Electrolytes. Advanced Materials Letters, 2012, 3, 273-278.	0.6	14
40	Characterization of Porous Anodic Aluminium Oxide Film on Aluminium Templates Formed in Anodizing Process. Advanced Materials Research, 0, 173, 55-60.	0.3	8
41	Growth of Cu-Zn₅ and Cu₅Zn₈ Intermetallic Compounds in the Sn-9Zn/Cu Joint during Liquid State Aging. Advanced Materials Research, 0, 173, 90-95.	0.3	10
42	Effect of Electrolyte Concentration on the Growth of Porous Anodic Aluminium Oxide (AAO) on Al-Mn Alloys. Advanced Materials Research, 0, 626, 610-614.	0.3	8
43	Microstructural Characterization of ZrO₂ Layer Coating on Martensitic Stainless Steel. Applied Mechanics and Materials, 0, 165, 88-92.	0.2	0
44	Electrochemical Measurement of PBS Using Cyclic Voltammetry and AAO Fabricated at Ambient Temperature and Low Potential. Advanced Materials Research, 0, 795, 654-657.	0.3	4
45	Effect of Deposition Time on Properties of ZrO₂ Coating Prepared Using Electrolytic Method. Advanced Materials Research, 0, 795, 304-307.	0.3	0
46	Synthesis and Characterization of Electroless Copper Coated SiC Particles. Advanced Materials Research, 0, 795, 233-236.	0.3	1
47	Microstructure and Properties of Heat-Treated 440C Martensitic Stainless Steel. Defect and Diffusion Forum, 0, 334-335, 105-110.	0.4	2
48	Organic Dye Degradation with TiO₂ Catalyst/AAO Template in the Presence of H₂O₂. Advanced Materials Research, 0, 795, 649-653.	0.3	2
49	The Thermal Expansion Behaviors of Cu-SiC_p Composites. Advanced Materials Research, 0, 795, 237-240.	0.3	2
50	Corrosion Behavior of Al-Cu-Ni-Y Alloys. Advanced Materials Research, 0, 795, 535-539.	0.3	3
51	Effect of Anodizing Voltage on the Formation of Porous Anodic Alumina on Al-0.5wt% Mn Alloys. Advanced Materials Research, 0, 925, 455-459.	0.3	4
52	Effect of TiO₂ Reinforcement on Microstructure and Microhardness of Low-Silver SAC107 Lead-Free Solder Composite Solder. Materials Science Forum, 0, 803, 273-277.	0.3	6
53	The Effect of Silicon Nitride Addition on Microstructure and Microhardness of SN100C Solder Alloy Using Powder Metallurgy. Materials Science Forum, 0, 803, 228-232.	0.3	3
54	Serine Sensor Based on Graphene Sheet Congo-Red Molecular Imprinted Polymer (GSCR-MIP) Organic Thin Film Transistor (OTFT). Advanced Materials Research, 0, 925, 500-504.	0.3	4

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55	Effect of SiC Particles Addition on the Wettability and Intermetallic Compound Layer Formation of Sn-Cu-Ni (SN100C) Solder Paste. Applied Mechanics and Materials, 0, 754-755, 546-550.	0.2	2
56	Synthesis of Porous Anodic Alumina on Aluminium Manganese Alloys. Advanced Materials Research, 0, 1109, 78-82.	0.3	0
57	Ammonia Gas Sensor Based on Chitosan Biopolymer. Materials Science Forum, 0, 819, 429-434.	0.3	11
58	Spinach Ferredoxin (Fdx) as an Organic Material to Improve Optical Band Gap of Chitosan (Cs) Biofilm. Applied Mechanics and Materials, 0, 754-755, 939-943.	0.2	1
59	Fast Fourier Transform Analysis of Images of Scanning Electron Microscope of Porous Anodic Alumina. Advanced Materials Research, 0, 1109, 69-72.	0.3	0
60	Isothermal Aging Affect to the Growth of Sn-Cu-Ni-1 wt.% TiO₂ Composite Solder Paste. Key Engineering Materials, 0, 700, 123-131.	0.4	9
61	Improvement of Sn-0.7Cu Lead Free Solder Joints on Shear Strength with Addition of Titanium Oxide (TiO₂) Particles. Materials Science Forum, 0, 857, 68-72.	0.3	2