

Mohd Zaidi Omar

List of Publications by Year in descending order

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140
papers

1,929
citations

257450

24
h-index

361022

35
g-index

141
all docs

141
docs citations

141
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Thixoforming of a high performance HP9/4/30 steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 395, 53-61.	5.6	95
2	Optimisation of mechanical stir casting parameters for fabrication of carbon nanotubes/aluminium alloy composite through Taguchi method. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2223-2231.	5.8	66
3	Effect of post-weld heat treatment on the mechanical behavior and dislocation density of friction stir welded Al6061. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 754, 728-734.	5.6	66
4	The effects of Mg addition on the microstructure and mechanical properties of thixoformed Al-5%Si-Cu alloys. <i>Journal of Alloys and Compounds</i> , 2015, 621, 121-130.	5.5	65
5	An Overview of Semisolid Processing of Aluminium Alloys. <i>ISRN Materials Science</i> , 2013, 2013, 1-9.	1.0	60
6	Semisolid Metal Processing Techniques for Nondendritic Feedstock Production. <i>Scientific World Journal</i> , The, 2013, 2013, 1-16.	2.1	58
7	Practical framework of employability skills for engineering graduate in Malaysia. , 2010, , .		46
8	Strengthening of A2024 alloy by high-pressure torsion and subsequent aging. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 704, 112-118.	5.6	45
9	Development of multiple linear regression-based models for fatigue life evaluation of automotive coil springs. <i>Mechanical Systems and Signal Processing</i> , 2019, 118, 675-695.	8.0	45
10	Microstructure and mechanical properties of thixoformed A319 aluminium alloy. <i>Materials & Design</i> , 2014, 64, 142-152.	5.1	44
11	Evaluation of the microstructure and dry sliding wear behaviour of thixoformed A319 aluminium alloy. <i>Materials & Design</i> , 2015, 76, 169-180.	5.1	42
12	Recent development in graphene-reinforced aluminium matrix composite: A review. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 801-817.	3.3	42
13	Microstructural Development of HP9/4/30 Steel During Partial Remelting. <i>Steel Research International</i> , 2004, 75, 552-560.	1.8	37
14	Fatigue life prediction of parabolic leaf spring under various road conditions. <i>Engineering Failure Analysis</i> , 2014, 46, 92-103.	4.0	36
15	Mission profiling of road data measurement for coil spring fatigue life. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 107, 99-110.	5.0	36
16	Microstructural evolution during semisolid processing of Al-Si-Cu alloy with different Mg contents. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 1483-1497.	4.2	35
17	Wear Properties of A356/Al ₂ O ₃ Metal Matrix Composites Produced by Semisolid Processing. <i>Procedia Engineering</i> , 2013, 68, 186-192.	1.2	33
18	Thixotropy in Semisolid Steel Slurries under Rapid Compression. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2011, 42, 2807-2819.	2.2	32

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19	Optimization of spring fatigue life prediction model for vehicle ride using hybrid multi-layer perceptron artificial neural networks. <i>Mechanical Systems and Signal Processing</i> , 2019, 122, 597-621.	8.0	31
20	Solidâ€“liquid structural break-up in M2 tool steel for semi-solid metal processing. <i>Journal of Materials Science</i> , 2009, 44, 869-874.	3.7	30
21	Microstructural investigations of XW-42 and M2 tool steels in semi-solid zones via direct partial remelting route. <i>Journal of Materials Science</i> , 2011, 46, 7696-7705.	3.7	30
22	Homogenous dispersion and interfacial bonding of carbon nanotube reinforced with aluminum matrix composite: A review. <i>Reviews on Advanced Materials Science</i> , 2019, 58, 295-303.	3.3	30
23	Mechanical properties and microstructures of a modified Alâ€“Siâ€“Cu alloy prepared by thixoforming process for automotive connecting rods. <i>Journal of Materials Research and Technology</i> , 2021, 10, 1086-1102.	5.8	29
24	Microstructural Evolution of Solid-solution-treated Znâ€“22Al in the Semisolid State. <i>Journal of Materials Science and Technology</i> , 2013, 29, 765-774.	10.7	27
25	Ballistic Limit of High-Strength Steel and Al7075-T6 Multi-Layered Plates Under 7.62-mm Armour Piercing Projectile Impact. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 1658-1676.	1.0	27
26	Effect of intermetallic compounds on the fracture behavior of dissimilar friction stir welding joints of Mg and Al alloys. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2019, 26, 1285-1298.	4.9	27
27	Vibration Fatigue Analysis of Carbon Steel Coil Spring under Various Road Excitations. <i>Metals</i> , 2018, 8, 617.	2.3	26
28	Employability skills for an entry-level engineer as seen by Malaysian employers. , 2011, , .		23
29	Influence of Cu content on microstructure and mechanical properties of thixoformed Alâ€“Siâ€“Cuâ€“Mg alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 3523-3538.	4.2	23
30	Failure assessment of a leaf spring eye design under various load cases. <i>Engineering Failure Analysis</i> , 2016, 63, 146-159.	4.0	23
31	Effects of Cu and Mg on thixoformability and mechanical properties of aluminium alloy 2014. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 275-287.	4.2	23
32	Cold-Rolling Strain Hardening Effect on the Microstructure, Serration-Flow Behaviour and Dislocation Density of Friction Stir Welded AA5083. <i>Metals</i> , 2020, 10, 70.	2.3	23
33	Generation of Artificial Road Profile for Automobile Spring Durability Analysis. <i>Jurnal Kejuruteraan</i> , 2018, 30, 123-128.	0.3	23
34	Difficulty Index of Examinations and Their Relation to the Achievement of Programme Outcomes. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 18, 71-80.	0.5	22
35	Failure observation of the AZ31B magnesium alloy and the effect of lead addition content under ballistic impact. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401558542.	1.6	22
36	A comparative study of mechanically mixed layers (MMLs) characteristics of commercial aluminium alloys sliding against alumina and steel sliders. <i>Journal of Materials Processing Technology</i> , 2008, 201, 662-668.	6.3	20

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37	Evaluating the Soft Skills Performed by Applicants of Malaysian Engineers. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 60, 522-528.	0.5	20
38	Microstructural evolution and mechanical properties of thixoformed A319 alloys containing variable amounts of magnesium. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 2029-2042.	4.2	20
39	Study on Thixojoining Process Using Partial Remelting Method. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-8.	1.8	19
40	Experimental and Numerical Investigation on the Layering Configuration Effect to the Laminated Aluminium/Steel Panel Subjected to High Speed Impact Test. <i>Metals</i> , 2018, 8, 732.	2.3	19
41	Stability of the beta phase in Ti-Mo-Cr alloy fabricated by powder metallurgy. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2013, 49, 285-292.	0.8	19
42	Mechanical properties and microstructures of steel panels for laminated composites in armoured vehicles. <i>International Journal of Automotive and Mechanical Engineering</i> , 2016, 13, 3742-3753.	0.9	18
43	Elements of Nanotechnology Education in Engineering Curriculum Worldwide. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 60, 405-412.	0.5	17
44	Friction Stir Welding Parameters: Impact of Abnormal Grain Growth during Post-Weld Heat Treatment on Mechanical Properties of Al-Mg-Si Welded Joints. <i>Metals</i> , 2020, 10, 1607.	2.3	17
45	Microstructure and Mechanical Properties of Thixowelded AISI D2 Tool Steel. <i>Metals</i> , 2018, 8, 316.	2.3	16
46	Effects of mechanical stirring and short heat treatment on thixoformed of carbon nanotube aluminium alloy composite. <i>Journal of Alloys and Compounds</i> , 2019, 788, 83-90.	5.5	16
47	Effect of Process Parameters on Interfacial Bonding Properties of Aluminium-Copper Clad Sheet Processed by Multi-Pass Friction Stir-Welding Technique. <i>Metals</i> , 2019, 9, 1159.	2.3	16
48	Trend and Development of Semisolid Metal Joining Processing. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-13.	1.8	15
49	Evaluation of Energy-Based Model Generated Strain Signals for Carbon Steel Spring Fatigue Life Assessment. <i>Metals</i> , 2019, 9, 213.	2.3	15
50	Microstructural Evolution during DPRM Process of Semisolid Ledeburitic D2 Tool Steel. <i>Scientific World Journal, The</i> , 2013, 2013, 1-7.	2.1	13
51	Topological and Topographical Optimization of Automotive Spring Lower Seat. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 1388-1405.	1.0	13
52	Dry sliding wear behaviour of thixoformed hypoeutectic Al-Si-Cu alloy with different amounts of magnesium. <i>Composite Interfaces</i> , 2016, 23, 519-531.	2.3	13
53	Prediction of Fatigue Crack Growth Rate Based on Entropy Generation. <i>Entropy</i> , 2020, 22, 9.	2.2	13
54	Microstructure Evaluation and Mechanical Properties of Thixoformed Al-5.7Si-2Cu-0.3Mg Aluminum Alloys. <i>International Journal of Metalcasting</i> , 2022, 16, 370-384.	1.9	13

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55	Effects of hybrid processing on microstructural and mechanical properties of thixoformed aluminum matrix composite. <i>Journal of Alloys and Compounds</i> , 2020, 836, 155378.	5.5	13
56	Thermodynamic Modelling for Thixoformability of Al-Si Alloys for Semisolid Processing. <i>Advanced Science Letters</i> , 2013, 19, 3503-3507.	0.2	13
57	Microstructural Evaluation and Corrosion Resistance of Semisolid Cast A356 Alloy Processed by Equal Channel Angular Pressing. <i>Metals</i> , 2019, 9, 303.	2.3	12
58	Undergraduate Industrial Training Experience: A Win-win Situation for Students, Industry and Faculty. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 102, 648-653.	0.5	10
59	Correlation of Uniaxial and Multiaxial Fatigue Models for Automobile Spring Life Assessment. <i>Experimental Techniques</i> , 2020, 44, 197-215.	1.5	9
60	Effect of Partial Solution Treatment Temperature on Microstructure and Tensile Properties of 440C Martensitic Stainless Steel. <i>Metals</i> , 2020, 10, 694.	2.3	9
61	Explicit Nonlinear Finite Element Geometric Analysis of Parabolic Leaf Springs under Various Loads. <i>Scientific World Journal</i> , The, 2013, 2013, 1-11.	2.1	8
62	Improvement of high velocity impact performance of carbon nanotube and lead reinforced magnesium alloy. <i>International Journal of Automotive and Mechanical Engineering</i> , 2016, 13, 3423-3433.	0.9	8
63	A New Design of Multi-Functional Portable Patient Bed. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 59, .	0.4	7
64	Design of artificial neural network using particle swarm optimisation for automotive spring durability. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5137-5145.	1.5	7
65	Ride Quality Assessment of Bus Suspension System through Modal Frequency Response Approach. <i>Advances in Mechanical Engineering</i> , 2014, 6, 269721.	1.6	7
66	Microstructural Properties of Semisolid Welded Joints for AISI D2 Tool Steel. <i>Jurnal Kejuruteraan</i> , 2014, 26, 31-34.	0.3	7
67	Viscosity-Shear Rate Relationship during the Thixoforming of HP9/4/30 Steel. <i>Solid State Phenomena</i> , 2006, 116-117, 677-680.	0.3	6
68	The Effectiveness of Industrial Training on UKM Engineering Students. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 18, 656-665.	0.5	6
69	Formulation in Evaluating the Technical Skills of Engineering Graduates. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 60, 493-499.	0.5	6
70	Insights into Engineering Education Learning Outcome's Assessment with Rasch Model. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 6, 3520-3526.	0.1	6
71	Microscale groove effect on shear strength of epoxy-bonded dissimilar metal plate. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 2001-2012.	2.6	6
72	Microstructural morphology of rheocast A319 aluminium alloy. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401664935.	1.6	6

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73	Brazed Joint Interface Bonding Strength of AR500 Steel and AA7075 Aluminium Alloy. <i>Metals</i> , 2018, 8, 668.	2.3	6
74	The need to generate entropy characteristics for fatigue life prediction in low-carbon steel. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	6
75	Effects of rapid heating and uniaxial loading on the phase transformation and mechanical properties of direct partial remelted butt joint of AISI D2 tool steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 797, 140250.	5.6	6
76	Energy absorption capability and deformation of laminated panels for armoured vehicle materials. <i>International Journal of Automotive and Mechanical Engineering</i> , 2016, 13, 3657-3668.	0.9	6
77	Ballistic Limit of Laminated Panels with Different Joining Materials Subjected to Steel-Hardened Core Projectile. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	6
78	Direct Partial Remelting of XW-42 Steel in Semi-Solid Zone. <i>Journal of Applied Sciences</i> , 2010, 10, 1255-1262.	0.3	6
79	Employers' selection skills in recruiting fresh engineering graduates. , 2009, , .		5
80	Performance of engineering graduates as perceived by employers: Past and present. , 2012, , .		5
81	Employability Skills Performance Score for Fresh Engineering Graduates in Malaysian Industry. <i>Asian Social Science</i> , 2012, 8, .	0.2	5
82	Evolution of Globular Microstructures during Direct Partial Re-Melting Experiment of AISI D2 Tool Steel. <i>Applied Mechanics and Materials</i> , 0, 465-466, 829-833.	0.2	5
83	Combining Heat Treatment and High-Pressure Torsion to Enhance the Hardness and Corrosion Resistance of A356 Alloy. <i>Metals</i> , 2022, 12, 853.	2.3	5
84	Perception of Faculty Engineering and Built Environment's Students towards the Benefit of Industrial Training. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 60, 157-162.	0.5	4
85	EFFECT OF THIXOFORMING ON THE WEAR PROPERTIES OF AL-SI-CU ALUMINUM ALLOY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.4	4
86	Wear Properties of Thixoformed Al-5.7Si-2Cu-0.3Mg Aluminium Alloy. <i>Solid State Phenomena</i> , 0, 285, 63-68.	0.3	4
87	Strength of Thixoformed A319 Alloy at Elevated Temperature. <i>Metals and Materials International</i> , 2020, 27, 2416.	3.4	4
88	Formation of Spheroidal Microstructure in Semi-solid State of Al-4.8Si-2.8Cu-0.5Mg Aluminium Alloy. <i>Jurnal Kejuruteraan</i> , 2018, 30, 275-280.	0.3	4
89	PERFORMANCE OF UNCOATED CARBIDE CUTTING TOOL WHEN MACHINING CAST IRON IN DRY CUTTING CONDITION. <i>International Journal of Modern Physics B</i> , 2009, 23, 1796-1802.	2.0	3
90	SIDE FORCE ANALYSIS OF SUSPENSION STRUT UNDER VARIOUS LOAD CASES. <i>Jurnal Teknologi (Sciences)</i> Tj ETQq0 0 0 rgBT ₃ /Overlock	0.4	3

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91	Predicting fatigue crack growth rate under block spectrum loading based on temperature evolution using the degradation-entropy generation theorem. International Journal of Fracture, 2021, 228, 145-158.	2.2	3
92	Dry Sliding Wear Behaviour of Rheocat Al-5.7si-2cu-0.3mg Alloy. International Journal of Engineering and Technology(UAE), 2018, 7, 38.	0.3	3
93	Effect of uniaxial load on microstructure and mechanical properties of Thixo-joint AISI D2 tool steel. Journal of Mechanical Engineering and Sciences, 2019, 13, 5006-5020.	0.6	3
94	Improvement of energy absorption on magnesium alloy mixed carbon-nanotube and lead reinforcement materials in terms of high velocity impact. International Journal of Integrated Engineering, 2018, 10, .	0.4	3
95	Fatigue life of the magnesium alloy AZ31B under specific spectrum loading. Materialpruefung/Materials Testing, 2016, 58, 200-205.	2.2	3
96	Production of Nondendritic Semisolid ZA3 Alloy through Heat Treatment. Journal of Applied Sciences, 2011, 11, 323-329.	0.3	3
97	Investigation on Cooling Slope and Conventional Stir Cast A356/Al ₂ O ₃ Metal Matrix Composites. Advanced Materials Research, 2010, 154-155, 1284-1287.	0.3	2
98	Perception and expectation toward engineering graduates by employers: A UKM study case. , 2011, , .		2
99	Analysis of Employability for Bachelor Graduates of Faculty Engineering and Built Environment for Year 2011. Procedia, Social and Behavioral Sciences, 2012, 60, 150-156.	0.5	2
100	Evaluation of Graduatesâ€™ Performance Using Fuzzy Approach. Procedia, Social and Behavioral Sciences, 2013, 102, 64-73.	0.5	2
101	Microstructure and Properties of Heat-Treated 440C Martensitic Stainless Steel. Defect and Diffusion Forum, 0, 334-335, 105-110.	0.4	2
102	Influence of Oxygen on Microstructures of Ti-Mo-Cr Alloy. Advanced Materials Research, 0, 896, 613-616.	0.3	2
103	Suspension Parametric Analysis of Conventional Bus through Finite Element Modal Simulation. Applied Mechanics and Materials, 2014, 663, 163-168.	0.2	2
104	Change in Tensile Properties of Dual-Phase Steels by Cu Addition. Transactions of the Indian Institute of Metals, 2018, 71, 513-519.	1.5	2
105	Characterizing Spring Durability for Automotive Ride Using Artificial Neural Network Analysis. International Journal of Engineering and Technology(UAE), 2018, 7, 47.	0.3	2
106	Thixoformability and Microstructural Evolution of Al-Si-Cu Alloys. Materials Today: Proceedings, 2019, 17, 1161-1168.	1.8	2
107	Effect of feedstock geometry on the semisolid processing of Alâ€“Siâ€“Cuâ€“Mg alloy. Materials Research Express, 2019, 6, 0865i2.	1.6	2
108	Entropy-Based Approach for Fatigue Crack Growth Rate of Dual-Phase Steel. International Journal of Integrated Engineering, 2018, 10, .	0.4	2

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109	Effect of Equal Channel Angular Pressing Processing Routes on Corrosion Resistance and Hardness of Heat Treated A356 Alloy. Sains Malaysiana, 2019, 48, 661-668.	0.5	2
110	Multi-pass friction stirred clad welding of dissimilar joined AA6061 aluminium alloy and brass. Journal of Mechanical Engineering and Sciences, 2018, 12, 4285-4299.	0.6	2
111	Mechanical Properties and Fracture Surfaces of Thixoformed HP9/4/30 Steel. AIP Conference Proceedings, 2007, , .	0.4	1
112	On the Microstructure of XW-42 Steel after Direct Partial Remelting. Advanced Materials Research, 2010, 154-155, 1280-1283.	0.3	1
113	Fatigue Life Prediction of Leaf Spring through Multi Mean S-N Approach. Applied Mechanics and Materials, 0, 663, 83-87.	0.2	1
114	Semi-Solid Joining of D2 Cold-Work Tool Steel. Solid State Phenomena, 2014, 217-218, 355-360.	0.3	1
115	Analysis of Variable Strain Amplitude Response Caused by Impact Loading of Carbon Nanotube Reinforced Magnesium Alloy AZ31B. Procedia Engineering, 2015, 101, 10-17.	1.2	1
116	EFFECTS OF WETTING TIME ON PROPERTIES OF STEEL-ALUMINIUM BRAZED JOINT. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
117	MICROSTRUCTURAL CHANGES OF ALUMINIUM ALLOY A319 ON COOLING SLOPE PLATE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
118	The Interface Morphology of Thixo-Joined Dissimilar Steels. Solid State Phenomena, 2016, 256, 243-250.	0.3	1
119	Weldability and Joining Characteristics of AISI D2/AISI 304 Steels Using Semisolid Diffusion Joining. Solid State Phenomena, 2019, 285, 115-120.	0.3	1
120	Characterization of Metallurgical and Mechanical Properties of Thixowelded AISI D2 and AISI 304 Steels. Journal of Materials Engineering and Performance, 2020, 29, 739-749.	2.5	1
121	INVESTIGATION ON BRAZING INTERFACE BONDING CHARACTERISTIC OF AA7075 AND AA6061 ALUMINUM ALLOY WITH AR500 STEEL USING Al-Si-Zn FILLER METAL. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
122	Electromagnetic Braking Using Eddy Current Resistance for Stationary Exercise Bike. Advanced Science Letters, 2013, 19, 3143-3147.	0.2	1
123	Microstructures Analyses of Malay Keris and Its Relation to Mechanical Properties. Acta Physica Polonica A, 2015, 127, 1358-1362.	0.5	1
124	Investigations on Thixojoining Process of Steel Components. Journal of Mechanical Engineering and Sciences, 2013, 5, 639-645.	0.6	1
125	High-Frequency Induction Heating of Al-Si-Cu-Mg aluminum alloy in Thixoforming. Materials Research, 2019, 22, .	1.3	1
126	Critical Stress Intensity Factor Determination for AZ61 Magnesium Alloy. Key Engineering Materials, 2011, 462-463, 1121-1126.	0.4	0

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127	Industrial training assessment of engineering students using Rasch measurement model. , 2012, , .		0
128	Microstructural Characterization of ZrO ₂ Layer Coating on Martensitic Stainless Steel. Applied Mechanics and Materials, 0, 165, 88-92.	0.2	0
129	Wear behavior of copper-containing ferritic iron under a dry sliding condition. Journal of Zhejiang University: Science A, 2013, 14, 906-914.	2.4	0
130	Effect of Deposition Time on Properties of ZrO ₂ Coating Prepared Using Electrolytic Method. Advanced Materials Research, 0, 795, 304-307.	0.3	0
131	Surface Morphology and Corrosion Behavior of Electrolytic Coatings in Different Aqueous Solutions. Key Engineering Materials, 2013, 594-595, 585-589.	0.4	0
132	Different Concentration of Al(NO ₃) ₃ in ZrO ₂ /Al ₂ O ₃ Double Layer Coating Steel Prepared by Electrolytic Method. Key Engineering Materials, 2013, 594-595, 561-565.	0.4	0
133	The Interface Morphology of Thixo-Joined Cold Work Tool Steel. Applied Mechanics and Materials, 2014, 663, 276-280.	0.2	0
134	Microstructure Evolution and Mechanical Properties of Rheocast A319 Aluminum Alloy Using Cooling Slope. Applied Mechanics and Materials, 0, 663, 261-265.	0.2	0
135	Effects of Cu on the Microstructures and Tensile Properties of Thixoformed Al-Si Alloys. Solid State Phenomena, 0, 217-218, 91-98.	0.3	0
136	EFFECTS OF RHEOCASTING AND THIXOFORMING ON THE MICROSTRUCTURE AND MECHANICAL PROPERTIES OF A356 ALUMINIUM ALLOY. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
137	GRAIN REFINEMENT AND MICROSTRUCTURE EVOLUTION IN ALUMINUM A2618 ALLOY BY HIGH-PRESSURE TORSION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
138	Evaluation of Regression Tree-Based Durability Models for Spring Fatigue Life Assessment. Structural Integrity, 2019, , 261-268.	1.4	0
139	Optimisation of the Hardness AZ31B Reinforced with Lead and Carbon Nanotubes using the Response Surface Method. IOP Conference Series: Materials Science and Engineering, 2019, 606, 012001.	0.6	0
140	An Overview of Effective Postgraduate Supervision Style Based on Assessment and Supervisory Model. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0