

# Mohd Zaidi Omar

## List of Publications by Year in descending order

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140  
papers

1,929  
citations

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times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Mechanical properties and microstructures of a modified Al-Si-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
4	Predicting fatigue crack growth rate under block spectrum loading based on temperature evolution using the degradation-entropy generation theorem. <i>International Journal of Fracture</i> , 2021, 228, 145-158.	2.2	3
5	Recent development in graphene-reinforced aluminium matrix composite: A review. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 801-817.	3.3	42
6	Correlation of Uniaxial and Multiaxial Fatigue Models for Automobile Spring Life Assessment. <i>Experimental Techniques</i> , 2020, 44, 197-215.	1.5	9
7	Strength of Thixoformed A319 Alloy at Elevated Temperature. <i>Metals and Materials International</i> , 2020, 27, 2416.	3.4	4
8	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 &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 797, 140250.	5.6	6
9	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
10	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
11	Prediction of Fatigue Crack Growth Rate Based on Entropy Generation. <i>Entropy</i> , 2020, 22, 9.	2.2	13
12	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
13	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
14	Characterization of Metallurgical and Mechanical Properties of Thixowelded AISI D2 and AISI 304 Steels. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 739-749.	2.5	1
15	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
16	Thixoformability and Microstructural Evolution of Al-Si-Cu Alloys. <i>Materials Today: Proceedings</i> , 2019, 17, 1161-1168.	1.8	2
17	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
18	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

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19	Effect of feedstock geometry on the semisolid processing of Al-Si-Cu-Mg alloy. <i>Materials Research Express</i> , 2019, 6, 086512.	1.6	2
20	Evaluation of Regression Tree-Based Durability Models for Spring Fatigue Life Assessment. <i>Structural Integrity</i> , 2019, , 261-268.	1.4	0
21	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
22	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
23	Effect of post-weld heat treatment on the mechanical behavior and dislocation density of friction stir welded Al6061. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 754, 728-734.	5.6	66
24	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
25	Evaluation of Energy-Based Model Generated Strain Signals for Carbon Steel Spring Fatigue Life Assessment. <i>Metals</i> , 2019, 9, 213.	2.3	15
26	Optimisation of the Hardness AZ31B Reinforced with Lead and Carbon Nanotubes using the Response Surface Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 606, 012001.	0.6	0
27	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
28	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
29	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
30	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
31	Weldability and Joining Characteristics of AISI D2/AISI 304 Steels Using Semisolid Diffusion Joining. <i>Solid State Phenomena</i> , 2019, 285, 115-120.	0.3	1
32	Effect of uniaxial load on microstructure and mechanical properties of Thixo-joint AISI D2 tool steel. <i>Journal of Mechanical Engineering and Sciences</i> , 2019, 13, 5006-5020.	0.6	3
33	High-Frequency Induction Heating of Al-Si-Cu-Mg aluminum alloy in Thixoforming. <i>Materials Research</i> , 2019, 22, .	1.3	1
34	Effect of Equal Channel Angular Pressing Processing Routes on Corrosion Resistance and Hardness of Heat Treated A356 Alloy. <i>Sains Malaysiana</i> , 2019, 48, 661-668.	0.5	2
35	Change in Tensile Properties of Dual-Phase Steels by Cu Addition. <i>Transactions of the Indian Institute of Metals</i> , 2018, 71, 513-519.	1.5	2
36	Characterizing Spring Durability for Automotive Ride Using Artificial Neural Network Analysis. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 47.	0.3	2

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37	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
38	Brazed Joint Interface Bonding Strength of AR500 Steel and AA7075 Aluminium Alloy. <i>Metals</i> , 2018, 8, 668.	2.3	6
39	Vibration Fatigue Analysis of Carbon Steel Coil Spring under Various Road Excitations. <i>Metals</i> , 2018, 8, 617.	2.3	26
40	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
41	Microstructure and Mechanical Properties of Thixowelded AISI D2 Tool Steel. <i>Metals</i> , 2018, 8, 316.	2.3	16
42	Dry Sliding Wear Behaviour of Rheocat Al-5.7si-2cu-0.3mg Alloy. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 38.	0.3	3
43	Generation of Artificial Road Profile for Automobile Spring Durability Analysis. <i>Jurnal Kejuruteraan</i> , 2018, 30, 123-128.	0.3	23
44	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
45	Entropy-Based Approach for Fatigue Crack Growth Rate of Dual-Phase Steel. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	2
46	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
47	Improvement of energy absorption on magnesium alloy mixed carbon-nanotube and lead reinforcement materials in terms of high velocity impact. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	3
48	Multi-pass friction stirred clad welding of dissimilar joined AA6061 aluminium alloy and brass. <i>Journal of Mechanical Engineering and Sciences</i> , 2018, 12, 4285-4299.	0.6	2
49	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
50	Strengthening of A2024 alloy by high-pressure torsion and subsequent aging. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 704, 112-118.	5.6	45
51	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
52	EFFECT OF THIXOFORMING ON THE WEAR PROPERTIES OF AL-SI-CU ALUMINIUM ALLOY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.4	4
53	EFFECTS OF WETTING TIME ON PROPERTIES OF STEEL-ALUMINIUM BRAZED JOINT. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	1
54	MICROSTRUCTURAL CHANGES OF ALUMINIUM ALLOY A319 ON COOLING SLOPE PLATE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	1

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55	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
56	Topological and Topographical Optimization of Automotive Spring Lower Seat. Latin American Journal of Solids and Structures, 2016, 13, 1388-1405.	1.0	13
57	GRAIN REFINEMENT AND MICROSTRUCTURE EVOLUTION IN ALUMINUM A2618 ALLOY BY HIGH-PRESSURE TORSION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
58	Ballistic Limit of High-Strength Steel and Al7075-T6 Multi-Layered Plates Under 7.62-mm Armour Piercing Projectile Impact. Latin American Journal of Solids and Structures, 2016, 13, 1658-1676.	1.0	27
59	SIDE FORCE ANALYSIS OF SUSPENSION STRUT UNDER VARIOUS LOAD CASES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
60	Dry sliding wear behaviour of thixoformed hypoeutectic Al-Cu alloy with different amounts of magnesium. Composite Interfaces, 2016, 23, 519-531.	2.3	13
61	Microscale groove effect on shear strength of epoxy-bonded dissimilar metal plate. Journal of Adhesion Science and Technology, 2016, 30, 2001-2012.	2.6	6
62	Microstructural evolution and mechanical properties of thixoformed A319 alloys containing variable amounts of magnesium. Transactions of Nonferrous Metals Society of China, 2016, 26, 2029-2042.	4.2	20
63	The Interface Morphology of Thixo-Joined Dissimilar Steels. Solid State Phenomena, 2016, 256, 243-250.	0.3	1
64	Microstructural morphology of rheocast A319 aluminium alloy. Advances in Mechanical Engineering, 2016, 8, 168781401664935.	1.6	6
65	Failure assessment of a leaf spring eye design under various load cases. Engineering Failure Analysis, 2016, 63, 146-159.	4.0	23
66	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
67	Improvement of high velocity impact performance of carbon nanotube and lead reinforced magnesium alloy. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3423-3433.	0.9	8
68	Energy absorption capability and deformation of laminated panels for armoured vehicle materials. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3657-3668.	0.9	6
69	Mechanical properties and microstructures of steel panels for laminated composites in armoured vehicles. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3742-3753.	0.9	18
70	Fatigue life of the magnesium alloy AZ31B under specific spectrum loading. Materialprüfung/Materials Testing, 2016, 58, 200-205.	2.2	3
71	Failure observation of the AZ31B magnesium alloy and the effect of lead addition content under ballistic impact. Advances in Mechanical Engineering, 2015, 7, 168781401558542.	1.6	22
72	Trend and Development of Semisolid Metal Joining Processing. Advances in Materials Science and Engineering, 2015, 2015, 1-13.	1.8	15

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73	Analysis of Variable Strain Amplitude Response Caused by Impact Loading of Carbon Nanotube Reinforced Magnesium Alloy AZ31B. <i>Procedia Engineering</i> , 2015, 101, 10-17.	1.2	1
74	Influence of Cu content on microstructure and mechanical properties of thixoformed Al-Si-Cu-Mg alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 3523-3538.	4.2	23
75	Evaluation of the microstructure and dry sliding wear behaviour of thixoformed A319 aluminium alloy. <i>Materials &amp; Design</i> , 2015, 76, 169-180.	5.1	42
76	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
77	Microstructures Analyses of Malay Keris and Its Relation to Mechanical Properties. <i>Acta Physica Polonica A</i> , 2015, 127, 1358-1362.	0.5	1
78	An Overview of Effective Postgraduate Supervision Style Based on Assessment and Supervisory Model. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
79	A New Design of Multi-Functional Portable Patient Bed. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 59, .	0.4	7
80	The Interface Morphology of Thixo-Joined Cold Work Tool Steel. <i>Applied Mechanics and Materials</i> , 2014, 663, 276-280.	0.2	0
81	Suspension Parametric Analysis of Conventional Bus through Finite Element Modal Simulation. <i>Applied Mechanics and Materials</i> , 2014, 663, 163-168.	0.2	2
82	Semi-Solid Joining of D2 Cold-Work Tool Steel. <i>Solid State Phenomena</i> , 2014, 217-218, 355-360.	0.3	1
83	Microstructure and mechanical properties of thixoformed A319 aluminium alloy. <i>Materials &amp; Design</i> , 2014, 64, 142-152.	5.1	44
84	Fatigue life prediction of parabolic leaf spring under various road conditions. <i>Engineering Failure Analysis</i> , 2014, 46, 92-103.	4.0	36
85	Ride Quality Assessment of Bus Suspension System through Modal Frequency Response Approach. <i>Advances in Mechanical Engineering</i> , 2014, 6, 269721.	1.6	7
86	Microstructural Properties of Semisolid Welded Joints for AISI D2 Tool Steel. <i>Jurnal Kejuruteraan</i> , 2014, 26, 31-34.	0.3	7
87	Wear Properties of A356/Al <sub>2</sub> O <sub>3</sub> Metal Matrix Composites Produced by Semisolid Processing. <i>Procedia Engineering</i> , 2013, 68, 186-192.	1.2	33
88	Evaluation of Graduates' Performance Using Fuzzy Approach. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 102, 64-73.	0.5	2
89	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
90	Wear behavior of copper-containing ferritic iron under a dry sliding condition. <i>Journal of Zhejiang University: Science A</i> , 2013, 14, 906-914.	2.4	0

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91	Microstructural Evolution of Solid-solution-treated Zn <sup>22</sup> Al in the Semisolid State. Journal of Materials Science and Technology, 2013, 29, 765-774.	10.7	27
92	Study on Thixojoining Process Using Partial Remelting Method. Advances in Materials Science and Engineering, 2013, 2013, 1-8.	1.8	19
93	Surface Morphology and Corrosion Behavior of Electrolytic Coatings in Different Aqueous Solutions. Key Engineering Materials, 2013, 594-595, 585-589.	0.4	0
94	An Overview of Semisolid Processing of Aluminium Alloys. ISRN Materials Science, 2013, 2013, 1-9.	1.0	60
95	Different Concentration of Al(NO <sub>3</sub> ) <sub>3</sub> in ZrO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Double Layer Coating Steel Prepared by Electrolytic Method. Key Engineering Materials, 2013, 594-595, 561-565.	0.4	0
96	Semisolid Metal Processing Techniques for Nondendritic Feedstock Production. Scientific World Journal, The, 2013, 2013, 1-16.	2.1	58
97	Microstructural Evolution during DPRM Process of Semisolid Ledeburitic D2 Tool Steel. Scientific World Journal, The, 2013, 2013, 1-7.	2.1	13
98	Explicit Nonlinear Finite Element Geometric Analysis of Parabolic Leaf Springs under Various Loads. Scientific World Journal, The, 2013, 2013, 1-11.	2.1	8
99	Insights into Engineering Education Learning Outcome's Assessment with Rasch Model. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 3520-3526.	0.1	6
100	Electromagnetic Braking Using Eddy Current Resistance for Stationary Exercise Bike. Advanced Science Letters, 2013, 19, 3143-3147.	0.2	1
101	Thermodynamic Modelling for Thixoformability of Al <sup>Si</sup> Alloys for Semisolid Processing. Advanced Science Letters, 2013, 19, 3503-3507.	0.2	13
102	Investigations on Thixojoining Process of Steel Components. Journal of Mechanical Engineering and Sciences, 2013, 5, 639-645.	0.6	1
103	Stability of the beta phase in Ti-Mo-Cr alloy fabricated by powder metallurgy. Journal of Mining and Metallurgy, Section B: Metallurgy, 2013, 49, 285-292.	0.8	19
104	Industrial training assessment of engineering students using Rasch measurement model. , 2012, , .		0
105	Performance of engineering graduates as perceived by employers: Past and present. , 2012, , .		5
106	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
107	Perception of Faculty Engineering and Built Environment's Students towards the Benefit of Industrial Training. Procedia, Social and Behavioral Sciences, 2012, 60, 157-162.	0.5	4
108	Elements of Nanotechnology Education in Engineering Curriculum Worldwide. Procedia, Social and Behavioral Sciences, 2012, 60, 405-412.	0.5	17

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109	Formulation in Evaluating the Technical Skills of Engineering Graduates. Procedia, Social and Behavioral Sciences, 2012, 60, 493-499.	0.5	6
110	Evaluating the Soft Skills Performed by Applicants of Malaysian Engineers. Procedia, Social and Behavioral Sciences, 2012, 60, 522-528.	0.5	20
111	Employability Skills Performance Score for Fresh Engineering Graduates in Malaysian Industry. Asian Social Science, 2012, 8, .	0.2	5
112	Difficulty Index of Examinations and Their Relation to the Achievement of Programme Outcomes. Procedia, Social and Behavioral Sciences, 2011, 18, 71-80.	0.5	22
113	The Effectiveness of Industrial Training on UKM Engineering Students. Procedia, Social and Behavioral Sciences, 2011, 18, 656-665.	0.5	6
114	Microstructural investigations of XW-42 and M2 tool steels in semi-solid zones via direct partial remelting route. Journal of Materials Science, 2011, 46, 7696-7705.	3.7	30
115	Thixotropy in Semisolid Steel Slurries under Rapid Compression. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 2807-2819.	2.2	32
116	Employability skills for an entry-level engineer as seen by Malaysian employers. , 2011, , .		23
117	Critical Stress Intensity Factor Determination for AZ61 Magnesium Alloy. Key Engineering Materials, 2011, 462-463, 1121-1126.	0.4	0
118	Perception and expectation toward engineering graduates by employers: A UKM study case. , 2011, , .		2
119	Production of Nondendritic Semisolid ZA3 Alloy through Heat Treatment. Journal of Applied Sciences, 2011, 11, 323-329.	0.3	3
120	On the Microstructure of XW-42 Steel after Direct Partial Remelting. Advanced Materials Research, 2010, 154-155, 1280-1283.	0.3	1
121	Investigation on Cooling Slope and Conventional Stir Cast A356/Al <sub>2</sub> O <sub>3</sub> Metal Matrix Composites. Advanced Materials Research, 2010, 154-155, 1284-1287.	0.3	2
122	Practical framework of employability skills for engineering graduate in Malaysia. , 2010, , .		46
123	Direct Partial Remelting of XW-42 Steel in Semi-Solid Zone. Journal of Applied Sciences, 2010, 10, 1255-1262.	0.3	6
124	PERFORMANCE OF UNCOATED CARBIDE CUTTING TOOL WHEN MACHINING CAST IRON IN DRY CUTTING CONDITION. International Journal of Modern Physics B, 2009, 23, 1796-1802.	2.0	3
125	Solidâ€“liquid structural break-up in M2 tool steel for semi-solid metal processing. Journal of Materials Science, 2009, 44, 869-874.	3.7	30
126	Employers' selection skills in recruiting fresh engineering graduates. , 2009, , .		5



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127	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
128	Mechanical Properties and Fracture Surfaces of Thixoformed HP9/4/30 Steel. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
129	Viscosityâ€“Shear Rate Relationship during the Thixoforming of HP9/4/30 Steel. <i>Solid State Phenomena</i> , 2006, 116-117, 677-680.	0.3	6
130	Thixoforming of a high performance HP9/4/30 steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 395, 53-61.	5.6	95
131	Microstructural Development of HP9/4/30 Steel During Partial Remelting. <i>Steel Research International</i> , 2004, 75, 552-560.	1.8	37
132	Microstructural Characterization of ZrO <sub>2</sub> Layer Coating on Martensitic Stainless Steel. <i>Applied Mechanics and Materials</i> , 0, 165, 88-92.	0.2	0
133	Effect of Deposition Time on Properties of ZrO <sub>2</sub> Coating Prepared Using Electrolytic Method. <i>Advanced Materials Research</i> , 0, 795, 304-307.	0.3	0
134	Microstructure and Properties of Heat-Treated 440C Martensitic Stainless Steel. <i>Defect and Diffusion Forum</i> , 0, 334-335, 105-110.	0.4	2
135	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
136	Influence of Oxygen on Microstructures of Ti-Mo-Cr Alloy. <i>Advanced Materials Research</i> , 0, 896, 613-616.	0.3	2
137	Fatigue Life Prediction of Leaf Spring through Multi Mean S-N Approach. <i>Applied Mechanics and Materials</i> , 0, 663, 83-87.	0.2	1
138	Microstructure Evolution and Mechanical Properties of Rheocast A319 Aluminum Alloy Using Cooling Slope. <i>Applied Mechanics and Materials</i> , 0, 663, 261-265.	0.2	0
139	Effects of Cu on the Microstructures and Tensile Properties of Thixoformed Al-Si Alloys. <i>Solid State Phenomena</i> , 0, 217-218, 91-98.	0.3	0
140	Wear Properties of Thixoformed Al-5.7Si-2Cu-0.3Mg Aluminium Alloy. <i>Solid State Phenomena</i> , 0, 285, 63-68.	0.3	4