

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

256
papers

8,059
citations

50
h-index

82
g-index

267
ext. papers

9,754
ext. citations

4.4
avg, IF

6.86
L-index

#	Paper	IF	Citations
256	Extrudable region parametrical study of 3D printable concrete using recycled glass concrete. <i>Journal of Building Engineering</i> , 2022 , 50, 104091	5.2	4
255	A comparative study on environmental performance of 3D printing and conventional casting of concrete products with industrial wastes.. <i>Chemosphere</i> , 2022 , 134310	8.4	0
254	Comprehensive investigations on printability and thermal performance of cementitious material incorporated with PCM under various conditions. <i>Energy Conversion and Management</i> , 2022 , 261, 115667	10.6	0
253	Thermal Comfort and Energy Analysis of a Hybrid Cooling System by Coupling Natural Ventilation with Radiant and Indirect Evaporative Cooling. <i>Energies</i> , 2021 , 14, 7825	3.1	2
252	Synchronized concrete and bonding agent deposition system for interlayer bond strength enhancement in 3D concrete printing. <i>Automation in Construction</i> , 2021 , 123, 103546	9.6	13
251	Use of magnesium-silicate-hydrate (M-S-H) cement mixes in 3D printing applications. <i>Cement and Concrete Composites</i> , 2021 , 117, 103901	8.6	9
250	Effect of printing parameters on material distribution in spray-based 3D concrete printing (S-3DCP). <i>Automation in Construction</i> , 2021 , 124, 103570	9.6	5
249	Investigation of interlayer adhesion of 3D printable cementitious material from the aspect of printing process. <i>Cement and Concrete Research</i> , 2021 , 143, 106386	10.3	22
248	Experimental measurement on the effects of recycled glass cullets as aggregates for construction 3D printing. <i>Journal of Cleaner Production</i> , 2021 , 300, 126919	10.3	9
247	Effect of Fe doping on structural, elastic and electronic properties of B ₂ IrCu phase under hydrostatic pressure: A first-principles study. <i>Materials Chemistry and Physics</i> , 2021 , 272, 124978	4.4	
246	Study of MgO-activated slag as a cementless material for sustainable spray-based 3D printing. <i>Journal of Cleaner Production</i> , 2020 , 258, 120671	10.3	17
245	Improving surface finish quality in extrusion-based 3D concrete printing using machine learning-based extrudate geometry control. <i>Virtual and Physical Prototyping</i> , 2020 , 15, 178-193	10.1	23
244	Investigation of the properties of alkali-activated slag mixes involving the use of nanoclay and nucleation seeds for 3D printing. <i>Composites Part B: Engineering</i> , 2020 , 186, 107826	10	64
243	Rotation nozzle and numerical simulation of mass distribution at corners in 3D cementitious material printing. <i>Additive Manufacturing</i> , 2020 , 34, 101190	6.1	8
242	Modelling and parameter optimization for filament deformation in 3D cementitious material printing using support vector machine. <i>Composites Part B: Engineering</i> , 2020 , 193, 108018	10	17
241	Rheology and Structural Rebuilding of One-Part Geopolymer Mortar in the Context of 3D Concrete Printing. <i>RILEM Bookseries</i> , 2020 , 426-431	0.5	1
240	Effect of nAl ₂ O ₃ on the part density and microstructure during the laser-based powder bed fusion of AlSi10Mg composite. <i>Rapid Prototyping Journal</i> , 2020 , 26, 727-735	3.8	4

239	The global rise of 3D printing during the COVID-19 pandemic.. <i>Nature Reviews Materials</i> , 2020 , 5, 637-639	3.3	100
238	Fractography study of Co-Cr-Ni-Mo alloy fatigue wires drawn with different drawing practices. <i>International Journal of Fatigue</i> , 2020 , 130, 105277	5	4
237	Comparative economic, environmental and productivity assessment of a concrete bathroom unit fabricated through 3D printing and a precast approach. <i>Journal of Cleaner Production</i> , 2020 , 261, 121245	10.3	52
236	Analysis of Strain Rate Sensitivity and Strain Rate Hardening in Co-Cr-Ni-Mo Wires Drawn with Different Drawing Practices. <i>Metals and Materials International</i> , 2019 , 25, 1047-1062	2.4	4
235	Study on the Deformation Homogeneity and Electrical Conductivity in Co-Cr-Ni-Mo Wires Drawn with Different Drawing Practices. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 330-342	1.6	5
234	Plastic Instability in Co-Cr-Ni-Mo alloy wires drawn with different drawing practices. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 747, 80-97	5.3	2
233	Printability region for 3D concrete printing using slump and slump flow test. <i>Composites Part B: Engineering</i> , 2019 , 174, 106968	10	105
232	Towards sustainability-oriented decision making: Model development and its validation via a comparative case study on building construction methods. <i>Sustainable Development</i> , 2019 , 27, 860-872	6.7	19
231	Bonding temperature effects on the wide gap transient liquid phase bonding of Inconel 718 using BNi-2 paste filler metal. <i>Applied Surface Science</i> , 2019 , 484, 1223-1233	6.7	11
230	Valproic acid exhibits anti-tumor activity selectively against EGFR/ErbB2/ErbB3-coexpressing pancreatic cancer via induction of ErbB family members-targeting microRNAs. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 150	12.8	17
229	Utilization of recycled glass for 3D concrete printing: rheological and mechanical properties. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 994-1003	3.4	37
228	Designing spray-based 3D printable cementitious materials with fly ash cenosphere and air entraining agent. <i>Construction and Building Materials</i> , 2019 , 211, 1073-1084	6.7	34
227	Effect of printing parameters in 3D concrete printing: Printing region and support structures. <i>Journal of Materials Processing Technology</i> , 2019 , 271, 261-270	5.3	69
226	Fenofibrate Rescues Diabetes-Related Impairment of Ischemia-Mediated Angiogenesis by PPAR β -Independent Modulation of Thioredoxin-Interacting Protein. <i>Diabetes</i> , 2019 , 68, 1040-1053	0.9	11
225	Time gap effect on bond strength of 3D-printed concrete. <i>Virtual and Physical Prototyping</i> , 2019 , 14, 104-113	10.1	87
224	Extrusion and rheology characterization of geopolymer nanocomposites used in 3D printing. <i>Composites Part B: Engineering</i> , 2019 , 176, 107290	10	80
223	Feasibility study on sustainable magnesium potassium phosphate cement paste for 3D printing. <i>Construction and Building Materials</i> , 2019 , 221, 595-603	6.7	50
222	The Effect of Material Fresh Properties and Process Parameters on Buildability and Interlayer Adhesion of 3D Printed Concrete. <i>Materials</i> , 2019 , 12,	3.5	83

221	The bonding time effects on the transient liquid phase bonding of Inconel 718 using nickel-based sintered brazing preform. <i>Applied Surface Science</i> , 2019 , 495, 143465	6.7	3
220	Fatigue behavior in Co-Cr-Ni-Mo medical wires drawn with different drawing practices. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 99, 134-152	4.1	3
219	Post-bond heat treatment effects on the wide gap transient liquid phase bonding of Inconel 718 with BNi-2 paste filler metal. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 766, 138267	5.3	8
218	A systematical review of 3D printable cementitious materials. <i>Construction and Building Materials</i> , 2019 , 207, 477-490	6.7	83
217	Mechanical properties and deformation behaviour of early age concrete in the context of digital construction. <i>Composites Part B: Engineering</i> , 2019 , 165, 563-571	10	120
216	Synthesis and characterization of one-part geopolymers for extrusion based 3D concrete printing. <i>Journal of Cleaner Production</i> , 2019 , 220, 610-619	10.3	81
215	Use of Genetically Modified Bacteria to Repair Cracks in Concrete. <i>Materials</i> , 2019 , 12,	3.5	6
214	High-Energy Diet and Shorter Light Exposure Drives Markers of Adipocyte Dysfunction in Visceral and Subcutaneous Adipose Depots of. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
213	Printability and fire performance of a developed 3D printable fibre reinforced cementitious composites under elevated temperatures. <i>Virtual and Physical Prototyping</i> , 2019 , 14, 284-292	10.1	45
212	Induction transient liquid phase bonding of Inconel 718 with the nickel-based sintered brazing preform. <i>Applied Surface Science</i> , 2019 , 473, 1024-1037	6.7	6
211	Improving the 3D printability of high volume fly ash mixtures via the use of nano attapulgite clay. <i>Composites Part B: Engineering</i> , 2019 , 165, 75-83	10	145
210	Rheological behavior of high volume fly ash mixtures containing micro silica for digital construction application. <i>Materials Letters</i> , 2019 , 237, 348-351	3.3	66
209	Mixture Design Approach to optimize the rheological properties of the material used in 3D cementitious material printing. <i>Construction and Building Materials</i> , 2019 , 198, 245-255	6.7	61
208	Bond Strength in 3D Printed Geopolymer Mortar. <i>RILEM Bookseries</i> , 2019 , 200-206	0.5	7
207	A review of 3D concrete printing systems and materials properties: current status and future research prospects. <i>Rapid Prototyping Journal</i> , 2018 , 24, 784-798	3.8	132
206	An Arrhenius equation-based model to predict the residual stress relief of post weld heat treatment of Ti-6Al-4V plate. <i>Journal of Manufacturing Processes</i> , 2018 , 32, 763-772	5	26
205	Effect of 3D Printing on Mechanical Properties of Fly Ash-Based Inorganic Geopolymer 2018 , 509-515		1
204	Design 3D printing cementitious materials via Fuller Thompson theory and Marson-Percy model. <i>Construction and Building Materials</i> , 2018 , 163, 600-610	6.7	112

203	Joining of 3D-printed AlSi10Mg by friction stir welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018 , 62, 675-682	1.9	11
202	Experimental study on mix proportion and fresh properties of fly ash based geopolymer for 3D concrete printing. <i>Ceramics International</i> , 2018 , 44, 10258-10265	5.1	197
201	Measurement of tensile bond strength of 3D printed geopolymer mortar. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 113, 108-116	4.6	203
200	Fresh and hardened properties of 3D printable cementitious materials for building and construction. <i>Archives of Civil and Mechanical Engineering</i> , 2018 , 18, 311-319	3.4	239
199	Numerical and Experimental Investigation on the Hybrid Superplastic Forming of the Conical Mg Alloy Component. <i>Defect and Diffusion Forum</i> , 2018 , 385, 391-396	0.7	
198	Surface roughness evaluation of additive manufactured metallic components from white light images captured using a flexible fiberscope. <i>Optics and Lasers in Engineering</i> , 2018 , 110, 262-271	4.6	5
197	Current challenges and future potential of 3D concrete printing. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2018 , 49, 666-673	0.9	37
196	Influence of drawing practices on the mechanical, texture and work hardening characteristics of Co-Cr-Ni-Mo wires. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018 , 713, 94-104	5.3	6
195	Towards Additive Manufacturing: Pumping Flow Rate with Time-Dependent Material Rheology in 3D Cementitious Material Printing. <i>Materials Science Forum</i> , 2018 , 941, 2131-2136	0.4	1
194	Investigation of the rheology and strength of geopolymer mixtures for extrusion-based 3D printing. <i>Cement and Concrete Composites</i> , 2018 , 94, 307-314	8.6	153
193	Investigation of porosity reduction, microstructure and mechanical properties for joining of selective laser melting fabricated aluminium composite via friction stir welding. <i>Journal of Manufacturing Processes</i> , 2018 , 36, 33-43	5	11
192	Empirical models to predict rheological properties of fiber reinforced cementitious composites for 3D printing. <i>Construction and Building Materials</i> , 2018 , 189, 676-685	6.7	45
191	3D printing trends in building and construction industry: a review. <i>Virtual and Physical Prototyping</i> , 2017 , 12, 261-276	10.1	318
190	Microstructure Stability of a Fine-Grained AZ31 Magnesium Alloy Processed by Constrained Groove Pressing During Isothermal Annealing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2017 , 139,	3.3	11
189	Tensile flow behavior of AZ31 magnesium alloy processed by severe plastic deformation and post-annealing at moderately high temperatures. <i>Journal of Materials Processing Technology</i> , 2017 , 246, 235-244	5.3	27
188	Additive manufacturing of geopolymer for sustainable built environment. <i>Journal of Cleaner Production</i> , 2017 , 167, 281-288	10.3	205
187	Anisotropic mechanical performance of 3D printed fiber reinforced sustainable construction material. <i>Materials Letters</i> , 2017 , 209, 146-149	3.3	266
186	Improving the mechanical properties of TIG welding Ti-6Al-4V by post weld heat treatment. <i>Procedia Engineering</i> , 2017 , 207, 633-638		11

185	Effect of severe plastic deformation and post-annealing on the mechanical properties and bio-corrosion rate of AZ31 magnesium alloy. <i>Procedia Engineering</i> , 2017 , 207, 1475-1480		12
184	Automation of Robotic Concrete Printing Using Feedback Control System 2017 ,		6
183	Approaching Rectangular Extrudate in 3D Printing for Building and Construction by Experimental Iteration of Nozzle Design 2017 ,		4
182	Processing and Properties of Construction Materials for 3D Printing. <i>Materials Science Forum</i> , 2016 , 861, 177-181	0.4	52
181	Effect of Nano-Particle Addition on Grain Structure Evolution of Friction Stir-Processed Al 6061 During Postweld Annealing. <i>Jom</i> , 2016 , 68, 2268-2273	2.1	8
180	Treatment of radiation-induced acute intestinal injury with bone marrow-derived mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2016 , 11, 2425-2431	2.1	8
179	Hybrid Superplastic Forming of Non-Superplastic AZ31 Mg Alloy. <i>Materials Science Forum</i> , 2016 , 838-839, 534-539	0.4	
178	Development of non-flammable high strength AZ91 + Ca alloys via liquid forging and extrusion. <i>Materials and Design</i> , 2016 , 99, 37-43	8.1	26
177	Friction stir processing of aluminium alloy AA7075: Microstructure, surface chemistry and corrosion resistance. <i>Corrosion Science</i> , 2016 , 106, 217-228	6.8	60
176	Novel biodegradable calcium phosphate/polymer composite coating with adjustable mechanical properties formed by hydrothermal process for corrosion protection of magnesium substrate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1643-1657	3.5	14
175	Aluminium-carbon nanotubes composites produced from friction stir processing and selective laser melting. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016 , 47, 539-548	0.9	9
174	Dispersion of CNTs in Selective Laser Melting Printed AlSi10Mg Composites via Friction Stir Processing. <i>Materials Science Forum</i> , 2016 , 879, 1915-1920	0.4	7
173	Microstructure evolution in hot rolled 7075 Al via friction stir processing 2016 ,		1
172	Chloride ingress in cracked and uncracked SHCC under cyclic wetting-drying exposure. <i>Construction and Building Materials</i> , 2016 , 114, 232-240	6.7	29
171	Friction stir processing of Al/CNT composites. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2016 , 230, 825-833	1.3	10
170	Fabrication of a new Al-Al ₂ O ₃ -CNTs composite using friction stir processing (FSP). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016 , 667, 125-131	5.3	68
169	Dispersion of Al ₂ O ₃ Reinforcements in Al Composites via Friction Stir Processing. <i>Materials Science Forum</i> , 2016 , 861, 236-240	0.4	1
168	Bulk Metal Forming Processes in Manufacturing 2015 , 171-230		

167	Enabling Wider Use of Magnesium Alloys for Lightweight Applications by Improving the Formability by Groove Pressing. <i>Procedia CIRP</i> , 2015 , 26, 449-454	1.8	16
166	Strength of donor-specific antibodies with the use of Luminex single-antigen beads is a reliable predictor of acute rejection in living-relative kidney recipients. <i>Transplantation Proceedings</i> , 2015 , 47, 309-12	1.1	6
165	Preoperative exercise facilitates abundant bone marrow collection in patients with type 2 diabetes for mononuclear cell therapy. <i>Cytotherapy</i> , 2015 , 17, 454-7	4.8	1
164	Mechanism of calcium phosphate deposition in a hydrothermal coating process. <i>Surface and Coatings Technology</i> , 2015 , 270, 197-205	4.4	20
163	Osmotic membrane bioreactor for municipal wastewater treatment and the effects of silver nanoparticles on system performance. <i>Journal of Cleaner Production</i> , 2015 , 88, 146-151	10.3	56
162	Identification of disease-related miRNAs based on co-expression network in spinal cord injury. <i>International Journal of Neuroscience</i> , 2015 , 125, 270-6	2	7
161	High temperature deformation behavior of Mg ₆₇ Zn ₂₈ Ca ₅ metallic glass and its composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 621, 1-7	5.3	7
160	Effect of cold-work on the HallPetch breakdown in copper based micro-components. <i>Mechanics of Materials</i> , 2015 , 80, 124-135	3.3	20
159	Investigation on Properties of ECC Incorporating Crumb Rubber of Different Sizes. <i>Journal of Advanced Concrete Technology</i> , 2015 , 13, 241-251	2.3	56
158	Improved corrosion protection of magnesium by hydrothermally deposited biodegradable calcium phosphate coating. <i>Materials Chemistry and Physics</i> , 2015 , 161, 185-193	4.4	19
157	Effect of Deformation and Temperature Paths in Severe Plastic Deformation Using Groove Pressing on Microstructure, Texture, and Mechanical Properties of AZ31-O. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015 , 137,	3.3	26
156	Potential Cell Source for Cell-Based Therapy and Tissue Engineering Applications: Urine-Derived Stem Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015 , 5, 150-156	0.3	2
155	Manufacturing of Aluminum Matrix Composites Reinforced with Iron Oxide (Fe ₃ O ₄) Nanoparticles: Microstructural and Mechanical Properties. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014 , 45, 352-362	2.5	29
154	Effects of nano-Al ₂ O ₃ particle addition on grain structure evolution and mechanical behaviour of friction-stir-processed Al. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014 , 602, 143-149	5.3	66
153	A large-scale superhydrophobic surface-enhanced Raman scattering (SERS) platform fabricated via capillary force lithography and assembly of Ag nanocubes for ultratrace molecular sensing. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 26983-90	3.6	37
152	Hydrothermally deposited protective and bioactive coating for magnesium alloys for implant application. <i>Surface and Coatings Technology</i> , 2014 , 258, 931-937	4.4	25
151	Experimental and Simulation of Friction Effects in an Open-Die Microforging/Extrusion Process. <i>Journal of Micro and Nano-Manufacturing</i> , 2014 , 2,	1.3	9
150	FEM Study of Superplastic-Like Forming of Ti-6Al-4V Alloy. <i>Materials Science Forum</i> , 2014 , 783-786, 607-612		

149	Microstructure Evolution of Ti-6Al-4V during Superplastic-like Forming. <i>Procedia Engineering</i> , 2014 , 81, 1090-1095		7
148	Processing of Epoxy-Nickel Matrix Composites Reinforced with Aluminum and Waste Elastomers. <i>Advanced Materials Research</i> , 2014 , 939, 98-105	0.5	4
147	Friction Effects During Open-die Micro-forging/Extrusion Processes: An Upper Bound Approach. <i>Procedia Engineering</i> , 2014 , 81, 1915-1920		9
146	Electrophoretic deposition of hydroxyapatite coatings on AZ31 magnesium substrate for biodegradable implant applications. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2014 , 60, 74-79	3.5	13
145	YSZ-Reinforced Mg-Based Amorphous Composites: Processing, Characterisation & Corrosion. <i>Advanced Materials Research</i> , 2014 , 939, 122-129	0.5	2
144	Thermal properties of metallic glasses: Heating rate dependence and their correlation. <i>Materials Letters</i> , 2014 , 126, 81-84	3.3	4
143	Design of Multifunctional Energetic Structural Composites: A Preliminary Study on an Epoxy-Rubber Matrix with Exothermic Mixture Reinforcements. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014 , 47-56	0.3	1
142	Superplastic-like forming of Ti-6Al-4V alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 69, 1097-1104	3.2	23
141	Progressive microforming process: towards the mass production of micro-parts using sheet metal. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 66, 611-621	3.2	49
140	On the microstructure of micro-pins manufactured by a novel progressive microforming process. <i>International Journal of Material Forming</i> , 2013 , 6, 65-74	2	31
139	Facilitating Basal Slip to Increase Deformation Ability in Mg-Mn-Ce Alloy by Textural Reconstruction Using Friction Stir Processing. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013 , 44, 3947-3960	2.3	9
138	In vitro metal ion release and biocompatibility of amorphous Mg ₆₇ Zn ₂₈ Ca ₅ alloy with/without gelatin coating. <i>Materials Science and Engineering C</i> , 2013 , 33, 5019-27	8.3	15
137	Comparative study on WHO Western Pacific Region and World Federation of Chinese Medicine Societies international standard terminologies on traditional medicine: diseases in external medicine (part 1). <i>Journal of Integrative Medicine</i> , 2013 , 11, 67-71	4	3
136	Grain size and workpiece dimension effects on material flow in an open-die micro-forging/extrusion process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013 , 582, 379-388	5.3	23
135	Finite element modelling of superplastic-like forming using a dislocation density-based model for AA5083. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2013 , 21, 025006	2	12
134	Process optimization and microstructural development during superplastic-like forming of AA5083. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 69, 2415-2422	3.2	15
133	Bulk Metal Forming Processes in Manufacturing 2013 , 1-50		0
132	Deformation behavior of Mg ₆₇ Zn ₂₈ Ca ₅ metallic glass at near supercooled liquid region. <i>Journal of Alloys and Compounds</i> , 2013 , 549, 100-104	5.7	7

131	On valence electron density, energy dissipation and plasticity of bulk metallic glasses. <i>Journal of Alloys and Compounds</i> , 2013 , 577, S56-S65	5.7	9
130	Optimization of axisymmetric open-die micro-forging/extrusion processes: An upper bound approach. <i>International Journal of Mechanical Sciences</i> , 2013 , 71, 58-67	5.5	26
129	Microstructural evolution and superplastic behavior in friction stir processed Mg ₆₇ Al ₁₇ Zn alloy. <i>Journal of Materials Science</i> , 2013 , 48, 8539-8546	4.3	18
128	CHOP deficiency results in elevated lipopolysaccharide-induced inflammation and kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F440-50	4.3	45
127	Humoral theory of transplantation: some hot topics. <i>British Medical Bulletin</i> , 2013 , 105, 139-55	5.4	9
126	Tension-Tension Fatigue Behaviour of Carbon Nanotube Reinforced Aluminium Composites. <i>Materials Science Forum</i> , 2013 , 765, 563-567	0.4	6
125	In vitro corrosion behaviors of Mg ₆₇ Zn ₂₈ Ca ₅ alloy: From amorphous to crystalline. <i>Materials Chemistry and Physics</i> , 2012 , 134, 1079-1087	4.4	34
124	Effect of annealing on microstructure evolution and mechanical property of cold forged magnesium pipes. <i>Materials & Design</i> , 2012 , 39, 131-139		11
123	Strain hardening at elevated temperatures induced by dynamic crystallization of an Al ₈₈ Ni ₄ Y ₈ amorphous alloy. <i>Scripta Materialia</i> , 2012 , 66, 382-385	5.6	6
122	Nanoindentation study of size effect and loading rate effect on mechanical properties of a thin film metallic glass Cu _{49.3} Zr _{50.7} . <i>Physica B: Condensed Matter</i> , 2012 , 407, 340-346	2.8	29
121	Structural evolution of Ti ₅₀ Cu ₅₀ on rapid cooling by molecular dynamics simulation. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 597-605	2.6	5
120	Corrosion performance of melt-spun Mg ₆₇ Zn ₂₈ Ca ₅ metallic glass in artificial sweat. <i>Journal of Materials Science</i> , 2012 , 47, 6586-6592	4.3	6
119	Microstructural study of forged magnesium pipes at room temperature. <i>Materials Science and Technology</i> , 2012 , 28, 1269-1275	1.5	3
118	Evaluation of roughness, hardness, and strength of AA 6061 molds for manufacturing polymeric microdevices. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 60, 1215-1221	3.2	1
117	An Optimized Sheet Metal Forming Process Using Non-Isothermal Heating System. <i>Advanced Materials Research</i> , 2012 , 500, 385-390	0.5	
116	EBSD Study of Microstructural Development during Superplastic-Like Forming. <i>Materials Science Forum</i> , 2012 , 735, 37-42	0.4	1
115	Corrosion Behavior and Surface Analysis of Melt-Spun Mg-Based Metallic Glass in Physiological Saline Solution. <i>Materials Science Forum</i> , 2012 , 706-709, 606-611	0.4	2
114	Improved Tensile Strength of Carbon Nanotube Reinforced Aluminum Composites Processed by Powder Metallurgy. <i>Advanced Materials Research</i> , 2012 , 500, 651-656	0.5	9

113	Greener manufacturing: Superplastic-like forming. <i>Journal of Physics: Conference Series</i> , 2012 , 379, 012034	3.3	4
112	A simple approach to prepare Al/CNT composite: Spread Dispersion (SD) method. <i>Materials Letters</i> , 2011 , 65, 2742-2744	3.3	26
111	Analysis of TiNi ₄₁ shape memory alloys by combinatorial nanocalorimetry. <i>Acta Materialia</i> , 2011 , 59, 7602-7614	8.4	31
110	Superplastic-like forming of non-superplastic AA5083 combined with mechanical pre-forming. <i>International Journal of Advanced Manufacturing Technology</i> , 2011 , 52, 123-129	3.2	31
109	Synthesis, characterization and mechanical properties of nano alumina particulate reinforced magnesium based bulk metallic glass composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 6045-6050	5.3	19
108	Mixing of carbon nanotubes (CNTs) and aluminum powder for powder metallurgy use. <i>Powder Technology</i> , 2011 , 208, 42-48	5.2	122
107	Bonding strength of Al/Mg/Al alloy tri-metallic laminates fabricated by hot rolling. <i>Bulletin of Materials Science</i> , 2011 , 34, 805-810	1.7	16
106	Three New Peroxy Triterpene Lactones from <i>Pseudolarix kaempferi</i> . <i>Helvetica Chimica Acta</i> , 2011 , 94, 1697-1702	2	11
105	Importance of chamber gas pressure on processing of Al-based metallic glasses during melt spinning. <i>Philosophical Magazine Letters</i> , 2011 , 91, 656-663	1	2
104	New deformation phenomenon for micro-formability of polycrystalline materials. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 1906-1909	5.3	3
103	Rapid thermal annealing of Ti-rich TiNi thin films: A new approach to fabricate patterned shape memory thin films. <i>Materials & Design</i> , 2011 , 32, 688-695		9
102	Evolution of structural, surfacial and mechanical properties of titanium-nickel-copper thin films during rapid thermal annealing. <i>Surface and Coatings Technology</i> , 2011 , 205, 3147-3157	4.4	6
101	Finite Element Modeling of a Non-Isothermal Superplastic-Like Forming Process 2011 ,		1
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