

Shao-Kang Guan

List of Publications by Year in descending order

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113
papers

4,455
citations

94433

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114465

63
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115
all docs

115
docs citations

115
times ranked

2822
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro corrosion properties of HTHEd Mg-Zn-Y-Nd alloy microtubes for stent applications: Influence of second phase particles and crystal orientation. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1286-1295.	11.9	21
2	Protein conformation and electric attraction adsorption mechanisms on anodized magnesium alloy by molecular dynamics simulations. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 3143-3155.	11.9	12
3	Hydrogen-bonding regulated supramolecular chirality with controllable biostability. <i>Nano Research</i> , 2022, 15, 2226-2234.	10.4	11
4	The increased ratio of Mg ²⁺ /Ca ²⁺ from degrading magnesium alloys directs macrophage fate for functionalized growth of endothelial cells. <i>Smart Materials in Medicine</i> , 2022, 3, 188-198.	6.7	29
5	Electrophoretic deposited boron nitride nanosheets-containing chitosan-based coating on Mg alloy for better corrosion resistance, biocompatibility and antibacterial properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 638, 128303.	4.7	22
6	Preparing a Bioactive (Chitosan/Sodium Hyaluronate)/SrHA Coating on Mg-Zn-Ca Alloy for Orthopedic Implant Applications. <i>Frontiers in Materials</i> , 2022, 8, .	2.4	3
7	A biodegradable magnesium alloy vascular stent structure: Design, optimisation and evaluation. <i>Acta Biomaterialia</i> , 2022, 142, 402-412.	8.3	20
8	A robust calcium carbonate (CaCO ₃) coating on biomedical MgZnCa alloy for promising corrosion protection. <i>Corrosion Science</i> , 2022, 198, 110124.	6.6	29
9	Tailoring ZE21B Alloy with Nature-Inspired Extracellular Matrix Secreted by Micro-Patterned Smooth Muscle Cells and Endothelial Cells to Promote Surface Biocompatibility. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3180.	4.1	14
10	Tailoring of Biodegradable Magnesium Alloy Surface with Schiff Base Coating via Electrostatic Spraying for Better Corrosion Resistance. <i>Metals</i> , 2022, 12, 471.	2.3	10
11	pH Stimuli-Responsive, Rapidly Self-Healable Coatings Enhanced the Corrosion Resistance and Osteogenic Differentiation of Mg-Ca Osteoimplant. <i>Small</i> , 2022, 18, e2106056.	10.0	3
12	Cross-Scale Simulation Research on the Macro/Microstructure of TC4 Alloy Wire Laser Additive Manufacturing. <i>Metals</i> , 2022, 12, 934.	2.3	2
13	Optimizing structural design on biodegradable magnesium alloy vascular stent for reducing strut thickness and raising radial strength. <i>Materials and Design</i> , 2022, 220, 110843.	7.0	8
14	The deteriorated degradation resistance of Mg alloy microtubes for vascular stent under the coupling effect of radial compressive stress and dynamic medium. <i>Journal of Magnesium and Alloys</i> , 2022, , .	11.9	0
15	Preparation of functional coating on magnesium alloy with hydrophilic polymers and bioactive peptides for improved corrosion resistance and biocompatibility. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1957-1971.	11.9	19
16	Synthesis and degradation behaviour of Zn-modified coating on Mg alloy. <i>Surface Engineering</i> , 2021, 37, 963-971.	2.2	8
17	Clarifying effect of welding conditions on microstructure and mechanical properties of friction stir spot-welded DH590 automotive high-strength steel plates. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 232-243.	2.8	4
18	Does Expanding or Contracting MgO Lattice Really Help with Corrosion Resistance of Mg Surface: Insights from Molecular Dynamics Simulations. <i>ACS Omega</i> , 2021, 6, 1099-1107.	3.5	1

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19	The effect of Zn coating layer on the microstructure and mechanical properties of friction stir spot welded galvanized DP590 high-strength steel plates. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 113, 1787-1798.	3.0	5
20	Facile route to bulk ultrafine-grain steels for high strength and ductility. <i>Nature</i> , 2021, 590, 262-267.	27.8	98
21	Zn content mediated fibrinogen adsorption on biodegradable Mg-Zn alloys surfaces. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 2145-2154.	11.9	8
22	Investigation of Mg-Li-Zn alloys for potential application of biodegradable bone implant materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 43.	3.6	15
23	Microstructure, mechanical properties and corrosion fatigue behaviour of biodegradable Mg-Zn-Y-Nd alloy prepared by double extrusion. <i>Corrosion Engineering Science and Technology</i> , 2021, 56, 584-593.	1.4	5
24	Microstructural Evolution and Mechanical Properties of Graphene Oxide-Reinforced Ti6Al4V Matrix Composite Fabricated Using Spark Plasma Sintering. <i>Nanomaterials</i> , 2021, 11, 1440.	4.1	9
25	Fabrication of Citric Acid/RGD Multilayers on Mg-Zn-Y-Nd Alloy via Layer-by-Layer Self-Assembly for Promoting Surface Biocompatibility. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002241.	3.7	12
26	Simulation of dynamic recrystallization behavior of hot extruded Mg-Zn-Y-Nd alloy tubes by the finite element method. <i>Materials Today Communications</i> , 2021, 27, 102384.	1.9	2
27	Hemocompatibility of Mg-Zn-Y-Nd: Fabrication of Citric Acid/RGD Multilayers on Mg-Zn-Y-Nd Alloy via Layer-by-Layer Self-Assembly for Promoting Surface Biocompatibility (<i>Adv. Mater. Interfaces</i> 13/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, 2170074.	3.7	1
28	Influence of the second phase on protein adsorption on biodegradable Mg alloys™ surfaces: Comparative experimental and molecular dynamics simulation studies. <i>Acta Biomaterialia</i> , 2021, 129, 323-332.	8.3	16
29	Quantifying the effects of Sn on Al^{2-}Cu precipitation kinetics in Al-Cu alloys. <i>Materials Science and Technology</i> , 2021, 37, 979-992.	1.6	6
30	Direct-Chill Casting of Large-Scale Al-Cu Alloy Ingot Under Ultrasound: Distribution of Physical Fields and Analysis of Microstructure. <i>Advanced Engineering Materials</i> , 2021, 23, 2100432.	3.5	4
31	Sol-gel coating loaded with inhibitor on ZE21B Mg alloy for improving corrosion resistance and endothelialization aiming at potential cardiovascular application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 111993.	5.0	23
32	Improved corrosion resistance and cytocompatibility of Mg-Zn-Y-Nd alloy by the electrografted polycaprolactone coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127471.	4.7	12
33	Advances in coatings on magnesium alloys for cardiovascular stents – A review. <i>Bioactive Materials</i> , 2021, 6, 4729-4757.	15.6	93
34	Poly-Cytosine Deoxyribonucleic Acid Strongly Anchoring on Graphene Oxide Due to Flexible Backbone Phosphate Interactions. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001798.	3.7	10
35	Application of 3D Printing Technology in Bone Tissue Engineering: A Review. <i>Current Drug Delivery</i> , 2021, 18, 847-861.	1.6	29
36	Rapid screening alloying elements for improved corrosion resistance on the Mg(0001) surface using first principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26887-26901.	2.8	9

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37	Comparative in vitro study on binary Mg-RE (Sc, Y, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu) alloy systems. <i>Acta Biomaterialia</i> , 2020, 102, 508-528.	8.3	135
38	Preparation of Biodegradable Mg ²⁺ -TCP Biofunctional Gradient Materials by Friction Stir Processing and Pulse Reverse Current Electrodeposition. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 103-114.	2.9	6
39	Investigation of Mg-Zn-Y-Nd alloy for potential application of biodegradable esophageal stent material. <i>Bioactive Materials</i> , 2020, 5, 1-8.	15.6	49
40	Enhancing biocompatibility and corrosion resistance of biodegradable Mg-Zn-Y-Nd alloy by preparing PDA/HA coating for potential application of cardiovascular biomaterials. <i>Materials Science and Engineering C</i> , 2020, 109, 110607.	7.3	83
41	Microstructural evolution and mechanical properties of nanostructured Cu/Ni multilayer fabricated by accumulative roll bonding. <i>Journal of Alloys and Compounds</i> , 2020, 819, 152956.	5.5	22
42	Sulfur Contents in Sulfonated Hyaluronic Acid Direct the Cardiovascular Cells Fate. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46827-46836.	8.0	26
43	Microstructure and texture evolution of fine-grained Mg-Zn-Y-Nd alloy micro-tubes for biodegradable vascular stents processed by hot extrusion and rapid cooling. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 873-882.	11.9	27
44	Micro-patterned hydroxyapatite/silk fibroin coatings on Mg-Zn-Y-Nd-Zr alloys for better corrosion resistance and cell behavior guidance. <i>Frontiers of Materials Science</i> , 2020, 14, 413-425.	2.2	7
45	Microstructure, mechanical and corrosion properties of Mg-Zn-Sr-Ca alloys for use as potential biodegradable implant materials. <i>Corrosion Engineering Science and Technology</i> , 2020, 55, 739-746.	1.4	9
46	Surface solid-state amorphization of accumulative roll bonded Cu-Zr laminates by friction stir processing. <i>Materials Letters</i> , 2020, 279, 128518.	2.6	4
47	Atomic structure of $\langle \text{Co}_{92} \text{B}_8 \text{Ta}_8 \rangle$ glassy alloys studied by ab initio molecular dynamics simulations. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26406.	2.0	1
48	Stronger Adsorption of Phosphorothioate DNA Oligonucleotides on Graphene Oxide by van der Waals Forces. <i>Langmuir</i> , 2020, 36, 13708-13715.	3.5	10
49	Advances in coatings on biodegradable magnesium alloys. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 42-65.	11.9	274
50	Effects of alloy elements on adsorption of fibrinogen on biodegradable magnesium alloys surfaces: The MD simulations and experimental studies. <i>Applied Surface Science</i> , 2020, 512, 145725.	6.1	6
51	Corrosion fatigue of the extruded Mg-Zn-Y-Nd alloy in simulated body fluid. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 231-240.	11.9	42
52	Tailoring of cardiovascular stent material surface by immobilizing exosomes for better pro-endothelialization function. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110831.	5.0	37
53	Influences of laser surface melting on microstructure, mechanical properties and corrosion resistance of dual-phase Cr-Fe-Co-Ni-Al high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154100.	5.5	20
54	Microstructure and properties of biodegradable Mg-Zn-Y-Nd alloy micro-tubes prepared by an improved method. <i>Journal of Alloys and Compounds</i> , 2020, 835, 155369.	5.5	8

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55	Correlation between jerky flow and jerky dynamics in a nanoscratch on a metallic glass film. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	6
56	Effect of Trace Elements on the Crystallization Temperature Interval and Properties of 5xxx Series Aluminum Alloys. <i>Metals</i> , 2020, 10, 483.	2.3	4
57	Advance in Antibacterial Magnesium Alloys and Surface Coatings on Magnesium Alloys: A Review. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 615-629.	2.9	80
58	Conjugating heparin, Arg ⁺ Glu ⁺ Asp ⁺ Val peptide, and anti-CD34 to the silanic Mg ⁺ Zn ⁺ Y ⁺ Nd alloy for better endothelialization. <i>Journal of Biomaterials Applications</i> , 2020, 35, 158-168.	2.4	22
59	In vitro corrosion of pure Mg in phosphate buffer solution—Influences of isoelectric point and molecular structure of amino acids. <i>Materials Science and Engineering C</i> , 2019, 105, 110042.	7.3	33
60	Corrosion and Wear Resistance of Micro-Arc Oxidation Composite Coatings on Magnesium Alloy AZ31—The Influence of Inclusions of Carbon Spheres. <i>Advanced Engineering Materials</i> , 2019, 21, 1900446.	3.5	38
61	Corrosion resistance and antibacterial activity of zinc-loaded montmorillonite coatings on biodegradable magnesium alloy AZ31. <i>Acta Biomaterialia</i> , 2019, 98, 196-214.	8.3	114
62	Optimizing strength and ductility of Al ⁺ 7Si ⁺ 0.4 ⁺ Mg foundry alloy: Role of Cu and Sc addition. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151944.	5.5	16
63	In vitro and in vivo assessment of the biocompatibility of an paclitaxel-eluting poly-l-lactide-coated Mg-Zn-Y-Nd alloy stent in the intestine. <i>Materials Science and Engineering C</i> , 2019, 105, 110087.	7.3	16
64	Corrosion resistance of in-situ growth of nano-sized Mg(OH) ₂ on micro-arc oxidized magnesium alloy AZ31—Influence of EDTA. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1088-1098.	10.7	86
65	Microstructure, mechanical properties and deformation mechanisms of an as-cast Mg ⁺ Zn ⁺ Y ⁺ Nd ⁺ Zr alloy for stent applications. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1211-1217.	10.7	34
66	Electrochemical polymerization of dopamine with/without subsequent PLLA coating on Mg-Zn-Y-Nd alloy. <i>Materials Letters</i> , 2019, 252, 202-206.	2.6	19
67	Corrosion resistance of Mg(OH) ₂ /Mg ⁺ Al-layered double hydroxide coatings on magnesium alloy AZ31: influence of hydrolysis degree of silane. <i>Rare Metals</i> , 2019, 38, 629-641.	7.1	52
68	Corrosion resistance and drug release profile of gentamicin-loaded polyelectrolyte multilayers on magnesium alloys: Effects of heat treatment. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 309-317.	9.4	43
69	Fundamental Theory of Biodegradable Metals—Definition, Criteria, and Design. <i>Advanced Functional Materials</i> , 2019, 29, 1805402.	14.9	226
70	Corrosion resistance of nanostructured magnesium hydroxide coating on magnesium alloy AZ31: influence of EDTA. <i>Rare Metals</i> , 2019, 38, 520-531.	7.1	45
71	Influence of surface charge density on ligand-metal bonding: A DFT study of NH ₃ and HCOOH on Mg (0 ⁺ 0 ⁺ 0 ⁺ 1) surface. <i>Applied Surface Science</i> , 2019, 470, 893-898.	6.1	23
72	Effects of degradation products of biomedical magnesium alloys on nitric oxide release from vascular endothelial cells. <i>Medical Gas Research</i> , 2019, 9, 153.	2.3	22

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73	Investigation on the in vitro cytocompatibility of Mg-Zn-Y-Nd-Zr alloys as degradable orthopaedic implant materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 44.	3.6	20
74	Mg-Zn-Y-Nd coated with citric acid and dopamine by layer-by-layer self-assembly to improve surface biocompatibility. <i>Science China Technological Sciences</i> , 2018, 61, 1228-1237.	4.0	42
75	Processing and properties of magnesium alloy micro-tubes for biodegradable vascular stents. <i>Materials Science and Engineering C</i> , 2018, 90, 504-513.	7.3	49
76	Fabrication and characterization of biodegradable Mg-Zn-Y-Nd-Ag alloy: Microstructure, mechanical properties, corrosion behavior and antibacterial activities. <i>Bioactive Materials</i> , 2018, 3, 225-235.	15.6	38
77	Self-degradation of micro-arc oxidation/chitosan composite coating on Mg-4Li-1Ca alloy. <i>Surface and Coatings Technology</i> , 2018, 344, 1-11.	4.8	104
78	Complex Dynamical Behavior in the Shear-Displacement Model for Bulk Metallic Glasses during Plastic Deformation. <i>Complexity</i> , 2018, 2018, 1-13.	1.6	3
79	Surface modification of the biodegradable cardiovascular stent material Mg-Zn-Y-Nd alloy via conjugating REDV peptide for better endothelialization. <i>Journal of Materials Research</i> , 2018, 33, 4123-4133.	2.6	38
80	In Vitro Corrosion and Antibacterial Performance of Micro-Arc Oxidation Coating on AZ31 Magnesium Alloy: Effects of Tannic Acid. <i>Journal of the Electrochemical Society</i> , 2018, 165, C821-C829.	2.9	38
81	Exfoliation corrosion of extruded Mg-Li-Ca alloy. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1550-1557.	10.7	84
82	In vitro corrosion resistance of a layer-by-layer assembled DNA coating on magnesium alloy. <i>Applied Surface Science</i> , 2018, 457, 49-58.	6.1	57
83	In vitro corrosion of magnesium alloy AZ31 – a synergetic influence of glucose and Tris. <i>Frontiers of Materials Science</i> , 2018, 12, 184-197.	2.2	32
84	In vitro corrosion of micro-arc oxidation coating on Mg-1Li-1Ca alloy – The influence of intermetallic compound Mg ₂ Ca. <i>Journal of Alloys and Compounds</i> , 2018, 764, 250-260.	5.5	95
85	Characterization and corrosion property of nano-rod-like HA on fluoride coating supported on Mg-Zn-Ca alloy. <i>Bioactive Materials</i> , 2017, 2, 63-70.	15.6	39
86	Adsorption of arginine, glycine and aspartic acid on Mg and Mg-based alloy surfaces: A first-principles study. <i>Applied Surface Science</i> , 2017, 409, 149-155.	6.1	22
87	The microstructure and corrosion resistance of biological Mg-Zn-Ca alloy processed by high-pressure torsion and subsequently annealing. <i>Journal of Materials Research</i> , 2017, 32, 1061-1072.	2.6	27
88	Characterization and cytocompatibility of polydopamine on MAO-HA coating supported on Mg-Zn-Ca alloy. <i>Surface and Interface Analysis</i> , 2017, 49, 1115-1123.	1.8	42
89	Degradation mechanism of micro-arc oxidation coatings on biodegradable Mg-Ca alloys: The influence of porosity. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2464-2476.	5.5	158
90	Effect of Solution Pretreatment on Homogeneity and Corrosion Resistance of Biomedical Mg-Zn-Ca Alloy Processed by High Pressure Torsion. <i>Advanced Engineering Materials</i> , 2017, 19, 1600326.	3.5	9

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91	Microstructure and mechanical properties of a newly developed low Young's modulus Ti-15Zr-5Cr-2Al biomedical alloy. <i>Materials Science and Engineering C</i> , 2017, 72, 536-542.	7.3	26
92	Enhanced in Vitro and in Vivo Performance of Mg-Zn-Y-Nd Alloy Achieved with APTES Pretreatment for Drug-Eluting Vascular Stent Application. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17842-17858.	8.0	85
93	Microstructure and mechanical properties of Ti-Zr-Cr biomedical alloys. <i>Materials Science and Engineering C</i> , 2015, 51, 148-152.	7.3	41
94	Multifunctional MgF ₂ /Polydopamine Coating on Mg Alloy for Vascular Stent Application. <i>Journal of Materials Science and Technology</i> , 2015, 31, 733-743.	10.7	80
95	Effect of different processings on mechanical property and corrosion behavior in simulated body fluid of Mg-Zn-Y-Nd alloy for cardiovascular stent application. <i>Frontiers of Materials Science</i> , 2014, 8, 256-263.	2.2	27
96	Formation mechanism of Ca-deficient hydroxyapatite coating on Mg-Zn-Ca alloy for orthopaedic implant. <i>Applied Surface Science</i> , 2014, 307, 92-100.	6.1	84
97	Corrosion of magnesium alloy AZ31: The influence of bicarbonate, sulphate, hydrogen phosphate and dihydrogen phosphate ions in saline solution. <i>Corrosion Science</i> , 2014, 86, 171-182.	6.6	126
98	Microstructure and properties of Al _{0.3} CrFe _{1.5} MnNi _{0.5} Ti _x and Al _{0.3} CrFe _{1.5} MnNi _{0.5} Si _x high-entropy alloys. <i>Rare Metals</i> , 2014, 33, 149-154.	7.1	37
99	Synthesis and properties of a bio-composite coating formed on magnesium alloy by one-step method of micro-arc oxidation. <i>Journal of Alloys and Compounds</i> , 2014, 590, 247-253.	5.5	73
100	Corrosion protection of Mg-Zn-Y-Nd alloy by flower-like nanostructured TiO ₂ film for vascular stent application. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 2062-2066.	3.2	6
101	Effects of Al on Microstructure and High-Temperature Wear Properties of Austenitic Heat-Resistant Steel. <i>Journal of Iron and Steel Research International</i> , 2012, 19, 62-66.	2.8	11
102	Biocorrosion of coated Mg-Zn-Ca alloy under constant compressive stress close to that of human tibia. <i>Materials Letters</i> , 2012, 70, 174-176.	2.6	17
103	Fabrication of chitosan/magnesium phosphate composite coating and the in vitro degradation properties of coated magnesium alloy. <i>Materials Letters</i> , 2012, 73, 59-61.	2.6	82
104	The microstructure and properties of cyclic extrusion compression treated Mg-Zn-Y-Nd alloy for vascular stent application. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 8, 1-7.	3.1	107
105	Effects of Nd on microstructures and properties of extruded Mg-2Zn-0.46Y-xNd alloys for stent application. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 1673-1678.	3.5	53
106	In vivo degradation behavior of Ca-deficient hydroxyapatite coated Mg-Zn-Ca alloy for bone implant application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 254-259.	5.0	107
107	Characterization and corrosion properties of TiO ₂ /HA composite coatings on Mg-Zn alloy. <i>Surface and Interface Analysis</i> , 2011, 43, 1575-1580.	1.8	9
108	Microstructure and corrosion properties of as sub-rapid solidification Mg-Zn-Y-Nd alloy in dynamic simulated body fluid for vascular stent application. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2001-2008.	3.6	62

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109	Characterization and degradation behavior of AZ31 alloy surface modified by bone-like hydroxyapatite for implant applications. <i>Applied Surface Science</i> , 2009, 255, 6433-6438.	6.1	283
110	Influence of Mg ₃ N ₂ powder on microstructures and mechanical properties of AZ31 Mg alloy. <i>Central South University</i> , 2008, 15, 459-462.	0.5	9
111	High Specific Strength and Improved Ductility of Bulk (Mg _{0.65} Cu _{0.25} Gd _{0.1}) ₁₀₀ Magnesium Matrix Metallic Glass Composites. <i>Materials Transactions</i> , 2007, 48, 3193-3196.	0.5	0
112	Microstructure and Mechanical Properties of Friction Stir Welded 1.5 GPa Martensitic High-Strength Steel Plates. <i>Acta Metallurgica Sinica (English Letters)</i> , 0, , 1.	2.9	3
113	Friction Stir Processed High Purity Mg Coating on MgZnYNd Alloy with Improved Corrosion Resistance. <i>Journal of Materials Engineering and Performance</i> , 0, , 1.	2.5	0