Shuoqi Li

List of Publications by Year
in descending order

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137	7,524	41344	60623
papers	citations	49 h-index	81 g-index

137	137	137	4234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advances in functionalized polymer coatings on biodegradable magnesium alloys â€“ A review. Acta Biomaterialia, 2018, 79, 23-36.	8.3	338
2	Corrosion resistance of a self-healing micro-arc oxidation/polymethyltrimethoxysilane composite coating on magnesium alloy AZ31. Corrosion Science, 2017, 118, 84-95.	6.6	335
3	Corrosion and characterisation of dual phase Mgâ€“Liâ€“Ca alloy in Hankâ€™s solution: The influence of microstructural features. Corrosion Science, 2014, 79, 69-82.	6.6	289
4	Advances in coatings on biodegradable magnesium alloys. Journal of Magnesium and Alloys, 2020, 8, 42-65.	11.9	274
5	In Vitro Corrosion and Cytocompatibility of a Microarc Oxidation Coating and Poly(<scp>l</scp>-lactic acid) Composite Coating on Mgâ€“1Liâ€“1Ca Alloy for Orthopedic Implants. ACS Applied Materials & Interfaces, 2016, 8, 10014-10028.	8.0	256
6	Fundamental Theory of Biodegradable Metalsâ€”Definition, Criteria, and Design. Advanced Functional Materials, 2019, 29, 1805402.	14.9	226
7	Corrosion of molybdate intercalated hydrotalcite coating on AZ31 Mg alloy. Journal of Materials Chemistry A, 2014, 2, 13049-13057.	10.3	184
8	Surface states of carbon dots and their influences on luminescence. Journal of Applied Physics, 2020, 127, .	2.5	180
9	In vitro corrosion of as-extruded Mgâ€“Ca alloysâ€”The influence of Ca concentration. Corrosion Science, 2015, 96, 23-31.	6.6	147
10	Corrosion of magnesium alloy AZ31: The influence of bicarbonate, sulphate, hydrogen phosphate and dihydrogen phosphate ions in saline solution. Corrosion Science, 2014, 86, 171-182.	6.6	126
11	Evading strength-corrosion tradeoff in Mg alloys via dense ultrafine twins. Nature Communications, 2021, 12, 4616.	12.8	126
12	Corrosion resistance of calcium-modified zinc phosphate conversion coatings on magnesiumâ€“aluminium alloys. Corrosion Science, 2014, 88, 452-459.	6.6	121
13	Corrosion resistance and antibacterial activity of zinc-loaded montmorillonite coatings on biodegradable magnesium alloy AZ31. Acta Biomaterialia, 2019, 98, 196-214.	8.3	114
14	Corrosion resistance and antibacterial properties of polysiloxane modified layer-by-layer assembled self-healing coating on magnesium alloy. Journal of Colloid and Interface Science, 2018, 526, 43-50.	9.4	104
15	Self-degradation of micro-arc oxidation/chitosan composite coating on Mg-4Li-1Ca alloy. Surface and Coatings Technology, 2018, 344, 1-11.	4.8	104
16	In vitro degradation of pure Mg in response to glucose. Scientific Reports, 2015, 5, 13026.	3.3	99
17	Corrosion resistance of glucose-induced hydrothermal calcium phosphate coating on pure magnesium. Applied Surface Science, 2019, 465, 1066-1077.	6.1	97
18	Efficient Oxygen Electrocatalyst for Znâ€“Air Batteries: Carbon Dots and Co₉S₈ Nanoparticles in a N,S-Codoped Carbon Matrix. ACS Applied Materials & Interfaces, 2019, 11, 14085-14094.	8.0	96

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19	InÂvitro corrosion of micro-arc oxidation coating on Mg-1Li-1Ca alloy â€" The influence of intermetallic compound Mg2Ca. Journal of Alloys and Compounds, 2018, 764, 250-260.	5.5	95
20	Advances in coatings on magnesium alloys for cardiovascular stents â€" A review. Bioactive Materials, 2021, 6, 4729-4757.	15.6	93
21	Biodegradation behavior of micro-arc oxidation coating on magnesium alloy-from a protein perspective. Bioactive Materials, 2020, 5, 398-409.	15.6	92
22	Fabrication of the Superhydrophobic Surface on Magnesium Alloy and Its Corrosion Resistance. Journal of Materials Science and Technology, 2015, 31, 1139-1143.	10.7	90
23	In vitro degradation and cytocompatibility of a low temperature in-situ grown self-healing Mg-Al LDH coating on MAO-coated magnesium alloy AZ31. Bioactive Materials, 2020, 5, 364-376.	15.6	90
24	Corrosion resistance of a ceria/polymethyltrimethoxysilane modified Mg-Al-layered double hydroxide on AZ31 magnesium alloy. Journal of Alloys and Compounds, 2018, 764, 913-928.	5.5	88
25	Corrosion resistance of in-situ growth of nano-sized Mg(OH)2 on micro-arc oxidized magnesium alloy AZ31â€"Influence of EDTA. Journal of Materials Science and Technology, 2019, 35, 1088-1098.	10.7	86
26	Corrosion resistance of Znâ€"Al layered double hydroxide/poly(lactic acid) composite coating on magnesium alloy AZ31. Frontiers of Materials Science, 2015, 9, 355-365.	2.2	85
27	Corrosion resistance of a superhydrophobic micro-arc oxidation coating on Mg-4Li-1Ca alloy. Journal of Materials Science and Technology, 2017, 33, 1263-1271.	10.7	84
28	Exfoliation corrosion of extruded Mg-Li-Ca alloy. Journal of Materials Science and Technology, 2018, 34, 1550-1557.	10.7	84
29	Corrosion resistance and adhesion strength of a spin-assisted layer-by-layer assembled coating on AZ31 magnesium alloy. Applied Surface Science, 2018, 434, 787-795.	6.1	82
30	Advance in Antibacterial Magnesium Alloys and Surface Coatings on Magnesium Alloys: A Review. Acta Metallurgica Sinica (English Letters), 2020, 33, 615-629.	2.9	80
31	Selective Laser Melting of Duplex Stainless Steel 2205: Effect of Post-Processing Heat Treatment on Microstructure, Mechanical Properties, and Corrosion Resistance. Materials, 2019, 12, 2468.	2.9	73
32	Corrosion resistance and antibacterial properties of hydroxyapatite coating induced by gentamicin-loaded polymeric multilayers on magnesium alloys. Colloids and Surfaces B: Biointerfaces, 2019, 179, 429-436.	5.0	73
33	Corrosion Resistance of Superhydrophobic Mgâ€"Al Layered Double Hydroxide Coatings on Aluminum Alloys. Acta Metallurgica Sinica (English Letters), 2015, 28, 1373-1381.	2.9	70
34	Corrosion resistance of in-situ Mgâ€"Al hydrotalcite conversion film on AZ31 magnesium alloy by one-step formation. Transactions of Nonferrous Metals Society of China, 2015, 25, 1917-1925.	4.2	70
35	A new generation of energy storage electrode materials constructed from carbon dots. Materials Chemistry Frontiers, 2020, 4, 729-749.	5.9	70
36	Stimuliâ€Responsive Luminescent Properties of Tetraphenyletheneâ€Based Strontium and Cobalt Metalâ€"Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 19716-19721.	13.8	70

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37	Corrosion resistance of bioinspired DNA-induced Caâ€“P coating on biodegradable magnesium alloy. Journal of Magnesium and Alloys, 2019, 7, 144-154.	11.9	68
38	Recent Advances in LPSO-Containing Wrought Magnesium Alloys: Relationships Between Processing, Microstructure, and Mechanical Properties. Jom, 2019, 71, 3314-3327.	1.9	64
39	Heteroatom-doped carbon dots based catalysts for oxygen reduction reactions. Journal of Colloid and Interface Science, 2019, 537, 716-724.	9.4	63
40	Electrosprayed PLGA smart containers for active anti-corrosion coating on magnesium alloy AMlite. Journal of Materials Chemistry A, 2014, 2, 5738.	10.3	61
41	In vitro corrosion resistance of a Ta2O5 nanofilm on MAO coated magnesium alloy AZ31 by atomic layer deposition. Bioactive Materials, 2020, 5, 34-43.	15.6	61
42	Influence of surface chemistry on the formation of crystalline hydroxide coatings on Mg alloys in liquid water and steam systems. Corrosion Science, 2016, 113, 145-159.	6.6	59
43	Corrosion resistance and superhydrophobicity of one-step polypropylene coating on anodized AZ31 Mg alloy. Journal of Magnesium and Alloys, 2020, 9, 1443-1443.	11.9	59
44	In vitro corrosion resistance of a layer-by-layer assembled DNA coating on magnesium alloy. Applied Surface Science, 2018, 457, 49-58.	6.1	57
45	In vitro corrosion resistance and antibacterial performance of novel tin dioxide-doped calcium phosphate coating on degradable Mg-1Li-1Ca alloy. Journal of Materials Science and Technology, 2019, 35, 254-265.	10.7	57
46	Corrosion resistance of layer-by-layer assembled polyvinylpyrrolidone/polyacrylic acid and amorphous silica films on AZ31 magnesium alloys. RSC Advances, 2016, 6, 63107-63116.	3.6	56
47	Corrosion resistance of a self-healing multilayer film based on SiO2 and CeO2 nanoparticles layer-by-layer assembly on Mg alloys. Materials Letters, 2019, 237, 14-18.	2.6	56
48	In vitro degradation of MAO/PLA coating on Mg-1.21Li-1.12Ca-1.0Y alloy. Frontiers of Materials Science, 2014, 8, 343-353.	2.2	53
49	Corrosion resistance of Mg(OH)2/Mgâ€“Al-layered double hydroxide coatings on magnesium alloy AZ31: influence of hydrolysis degree of silane. Rare Metals, 2019, 38, 629-641.	7.1	52
50	Saccharomyces-derived carbon dots for biosensing pH and vitamin B 12. Talanta, 2019, 195, 117-126.	5.5	52
51	In vitro degradation of pure magnesiumâ€•the synergetic influences of glucose and albumin. Bioactive Materials, 2020, 5, 318-333.	15.6	50
52	Corrosion resistance of an amino acid-bioinspired calcium phosphate coating on magnesium alloy AZ31. Journal of Materials Science and Technology, 2020, 49, 224-235.	10.7	49
53	A stable nanoscaled Zr-MOF for the detection of toxic mycotoxin through a pH-modulated ratiometric luminescent switch. Chemical Communications, 2020, 56, 5389-5392.	4.1	49
54	Dealloying corrosion of anodic and nanometric Mg41Nd5 in solid solution-treated Mg-3Nd-1Li-0.2Zn alloy. Journal of Materials Science and Technology, 2021, 83, 161-178.	10.7	49

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55	In vitro corrosion resistance of layer-by-layer assembled polyacrylic acid multilayers induced Caâ€“P coating on magnesium alloy AZ31. Bioactive Materials, 2020, 5, 153-163.	15.6	48
56	Electrodeposition of TiO 2 layer-by-layer assembled composite coating and silane treatment on Mg alloy for corrosion resistance. Surface and Coatings Technology, 2017, 324, 560-568.	4.8	46
57	Corrosion resistance and electrical conductivity of a nano ATO-doped MAO/methyltrimethoxysilane composite coating on magnesium alloy AZ31. Corrosion Science, 2020, 168, 108570.	6.6	46
58	Corrosion resistance of nanostructured magnesium hydroxide coating on magnesium alloy AZ31: influence of EDTA. Rare Metals, 2019, 38, 520-531.	7.1	45
59	Advances in hydroxyapatite coatings on biodegradable magnesium and its alloys. Journal of Magnesium and Alloys, 2022, 10, 1154-1170.	11.9	45
60	A comparison of corrosion inhibition of magnesium aluminum and zinc aluminum vanadate intercalated layered double hydroxides on magnesium alloys. Frontiers of Materials Science, 2018, 12, 198-206.	2.2	44
61	Corrosion resistance of one-step superhydrophobic polypropylene coating on magnesium hydroxide-pretreated magnesium alloy AZ31. Journal of Alloys and Compounds, 2020, 821, 153515.	5.5	44
62	In Vitro Degradation of Pure Magnesiumâ€•The Effects of Glucose and/or Amino Acid. Materials, 2017, 10, 725.	2.9	43
63	Corrosion resistance and drug release profile of gentamicin-loaded polyelectrolyte multilayers on magnesium alloys: Effects of heat treatment. Journal of Colloid and Interface Science, 2019, 547, 309-317.	9.4	43
64	Improving in vitro and in vivo antibacterial functionality of Mg alloys through micro-alloying with Sr and Ga. Materials Science and Engineering C, 2019, 104, 109926.	7.3	42
65	In vitro and in vivo investigation on biodegradable Mg-Li-Ca alloys for bone implant application. Science China Materials, 2019, 62, 256-272.	6.3	39
66	In vitro corrosion and antibacterial performance of polysiloxane and poly(acrylic acid)/gentamicin sulfate composite coatings on AZ31 alloy. Surface and Coatings Technology, 2016, 291, 7-14.	4.8	38
67	In vitro degradation and biocompatibility of Mg-Li-Ca alloysâ€”the influence of Li content. Science China Materials, 2018, 61, 607-618.	6.3	38
68	Corrosion and Wear Resistance of Microâ€Arc Oxidation Composite Coatings on Magnesium Alloy AZ31â€”The Influence of Inclusions of Carbon Spheres. Advanced Engineering Materials, 2019, 21, 1900446.	3.5	38
69	In vitro corrosion resistance, antibacterial activity and cytocompatibility of a layer-by-layer assembled DNA coating on magnesium alloy. Journal of Magnesium and Alloys, 2021, 9, 266-280.	11.9	37
70	Advances in layer-by-layer self-assembled coatings upon biodegradable magnesium alloys. Science China Materials, 2021, 64, 2093-2106.	6.3	37
71	Research Progress of Grapheneâ€Based Rubber Nanocomposites. Polymer Composites, 2018, 39, 1006-1022.	4.6	36
72	Corrosion Resistance and Durability of Superhydrophobic Coating on AZ31 Mg Alloy via One-Step Electrodeposition. Acta Metallurgica Sinica (English Letters), 2021, 34, 25-38.	2.9	36

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73	Corrosion Resistance of Silane-Modified Hydroxyapatite Films on Degradable Magnesium Alloys. Acta Metallurgica Sinica (English Letters), 2018, 31, 180-188.	2.9	34
74	In vitro corrosion of Mgâ€“Ca alloy â€” The influence of glucose content. Frontiers of Materials Science, 2017, 11, 284-295.	2.2	33
75	In vitro corrosion of pure Mg in phosphate buffer solutionâ€”Influences of isoelectric point and molecular structure of amino acids. Materials Science and Engineering C, 2019, 105, 110042.	7.3	33
76	Corrosion resistance and antibacterial effects of hydroxyapatite coating induced by polyacrylic acid and gentamicin sulfate on magnesium alloy. Frontiers of Materials Science, 2019, 13, 87-98.	2.2	33
77	Advances in bioorganic molecules inspired degradation and surface modifications on Mg and its alloys. Journal of Magnesium and Alloys, 2022, 10, 670-688.	11.9	33
78	Visible-Light-Responsive UiO-66(Zr) with Defects Efficiently Promoting Photocatalytic CO₂ Reduction. ACS Applied Materials & Interfaces, 2022, 14, 28977-28984.	8.0	33
79	Corrosion resistance of a novel SnO2-doped dicalcium phosphate coating on AZ31 magnesium alloy. Bioactive Materials, 2018, 3, 245-249.	15.6	32
80	In vitro corrosion of magnesium alloy AZ31 â€” a synergetic influence of glucose and Tris. Frontiers of Materials Science, 2018, 12, 184-197.	2.2	32
81	Self-assembled silane film and silver nanoparticles coating on magnesium alloys for corrosion resistance and antibacterial applications. Acta Metallurgica Sinica (English Letters), 2013, 26, 681-686.	2.9	31
82	Design and preparation of nanoporous Agâ€“Cu alloys by dealloying Mgâ€“(Ag,Cu)â€“Y metallic glasses for antibacterial applications. Journal of Materials Chemistry B, 2019, 7, 4169-4176.	5.8	30
83	In vitro evaluation of biodegradable magnesium alloys containing micro-alloying additions of strontium, with and without zinc. Journal of Materials Chemistry B, 2015, 3, 8874-8883.	5.8	29
84	Corrosion Resistance of Silane-Modified Hydroxide Zinc Carbonate Film on AZ31 Magnesium Alloy. Acta Metallurgica Sinica (English Letters), 2015, 28, 373-380.	2.9	29
85	Preparation of porous carbon electrodes from semen cassiae for high-performance electric double-layer capacitors. New Journal of Chemistry, 2018, 42, 6763-6769.	2.8	29
86	In vitro degradation, photo-dynamic and thermal antibacterial activities of Cu-bearing chlorophyllin-induced Caâ€“P coating on magnesium alloy AZ31. Bioactive Materials, 2022, 18, 284-299.	15.6	29
87	Blood compatibility of zincâ€“calcium phosphate conversion coating on Mgâ€“1.33Liâ€“0.6Ca alloy. Frontiers of Materials Science, 2016, 10, 281-289.	2.2	27
88	Corrosion resistance of biodegradable polymeric layer-by-layer coatings on magnesium alloy AZ31. Frontiers of Materials Science, 2016, 10, 134-146.	2.2	27
89	Synergistic Coating Strategy Combining Photodynamic Therapy and Fluoride-Free Superhydrophobicity for Eradicating Bacterial Adhesion and Reinforcing Corrosion Protection. ACS Applied Materials & Interfaces, 2020, 12, 46862-46873.	8.0	27
90	Quorum sensing inhibitors applications: A new prospect for mitigation of microbiologically influenced corrosion. Bioelectrochemistry, 2022, 145, 108050.	4.6	27

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91	Network Structural CNTs Penetrate Porous Carbon Support for Phaseâ€Change Materials with Enhanced Electroâ€Thermal Performance. Advanced Electronic Materials, 2020, 6, 1901428.	5.1	26
92	Enhanced corrosion resistance, antibacterial activity and biocompatibility of gentamicin-montmorillonite coating on Mg alloy-in vitro and in vivo studies. Journal of Materials Science and Technology, 2022, 111, 167-180.	10.7	26
93	Biodegradation of Mg-14Li alloy in simulated body fluid: A proof-of-concept study. Bioactive Materials, 2018, 3, 110-117.	15.6	25
94	In vitro corrosion and antibacterial properties of layer-by-layer assembled GS/PSS coating on AZ31 magnesium alloys. Transactions of Nonferrous Metals Society of China, 2015, 25, 4028-4039.	4.2	24
95	Corrosion resistance of dodecanethiol-modified magnesium hydroxide coating on AZ31 magnesium alloy. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	24
96	Antiâ€“corrosion and self-healing coatings with polyaniline/epoxy copolymerâ€“ureaâ€“formaldehyde microcapsules for rusty steel sheets. Journal of Colloid and Interface Science, 2022, 616, 605-617.	9.4	24
97	Application of Cu₃InSnSe₅ Heteronanostructures as Counter Electrodes for Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 18046-18053.	8.0	23
98	Biocorrosion resistance and biocompatibility of Mgâ€“Al layered double hydroxide/poly-L-glutamic acid hybrid coating on magnesium alloy AZ31. Progress in Organic Coatings, 2020, 147, 105746.	3.9	22
99	Effects of fluoride ions as electrolyte additives for a PEO/Ni-P composite coating onto Mg alloy AZ31B. Surface and Coatings Technology, 2021, 417, 126883.	4.8	22
100	Corrosion resistance and tunable release of ciprofloxacin-loaded multilayers on magnesium alloy: Effects of SiO2 nanoparticles. Applied Surface Science, 2020, 508, 145240.	6.1	21
101	Applications of Carbon Dots in Nextâ€generation Lithiumâ€ion Batteries. ChemNanoMat, 2020, 6, 1421-1436.	2.8	21
102	Ultrafine Sb nanoparticles in situ confined in covalent organic frameworks for high-performance sodium-ion battery anodes. Journal of Materials Chemistry A, 2022, 10, 15089-15100.	10.3	19
103	Mechanical and corrosion properties of Al/Ti film on magnesium alloy AZ31B. Frontiers of Materials Science, 2015, 9, 66-76.	2.2	17
104	Crystal Facet Engineering of Singleâ€Crystalline TiC Nanocubes for Improved Hydrogen Evolution Reaction. Advanced Functional Materials, 2021, 31, 2008028.	14.9	17
105	In vitro corrosion of Mg-6Zn-1Mn-4Sn-1.5Nd/0.5Y alloys. Frontiers of Materials Science, 2014, 8, 230-243.	2.2	15
106	Effect of coordinated water of hexahydrate on nickel platings from cholineâ€“urea ionic liquid. Journal of Materials Science, 2018, 53, 10758-10771.	3.7	15
107	Layer-by-layer assembly of gentamicin-based antibacterial multilayers on Ti alloy. Materials Letters, 2020, 261, 127001.	2.6	14
108	Corrosion resistance of a silane/ceria modified Mg-Al-layered double hydroxide on AA5005 aluminum alloy. Frontiers of Materials Science, 2019, 13, 420-430.	2.2	13

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109	Photogenerated cathodic protection and invalidation of silane/TiO2 hybrid coatings. Journal of Coatings Technology Research, 2017, 14, 417-424.	2.5	12
110	Microbial ingress and in vitro degradation enhanced by glucose on bioabsorbable Mgâ€“Liâ€“Ca alloy. Bioactive Materials, 2020, 5, 902-916.	15.6	12
111	In vitrocorrosion of pure magnesium and AZ91 alloyâ€”the influence of thin electrolyte layer thickness. International Journal of Energy Production and Management, 2016, 3, 49-56.	3.7	10
112	Biocorrosion resistance and biocompatibility of Mg-Al layered double hydroxide/poly(L-lactic acid) hybrid coating on magnesium alloy AZ31. Frontiers of Materials Science, 2020, 14, 426-441.	2.2	10
113	Laser polished fused deposition poly-lactic acid objects for personalized orthopaedic application. SN Applied Sciences, 2020, 2, 1.	2.9	10
114	Hybrid additive manufacturing of biocompatible Tiâ€“Ta composite structures for biomedical applications. Journal of Materials Research, 2021, 36, 3679.	2.6	10
115	Corrosion Resistance of Superhydrophobic Mg(OH)2/Calcium Myristate Composite Coating on Magnesium Alloy AZ31. Acta Metallurgica Sinica (English Letters), 2021, 34, 1618-1634.	2.9	10
116	Self-catalytic degradation of iron-bearing chemical conversion coating on magnesium alloys â€” Influence of Fe content. Frontiers of Materials Science, 2020, 14, 296-313.	2.2	9
117	Effects of additive NaI on electrodeposition of Al coatings in AlCl3-NaCl-KCl molten salts. Frontiers of Chemical Science and Engineering, 2021, 15, 138-147.	4.4	9
118	Stimuliâ€Responsive Luminescent Properties of Tetraphenyletheneâ€Based Strontium and Cobalt Metalâ€“Organic Frameworks. Angewandte Chemie, 2020, 132, 19884-19889.	2.0	8
119	Corrosion resistance of Ca-P coating induced by layer-by-layer assembled polyvinylpyrrolidone/DNA multilayer on magnesium AZ31 alloy. Frontiers of Materials Science, 2021, 15, 391-405.	2.2	7
120	Porous organic polymer enriched in Re functional units and Lewis base sites for efficient CO₂ photoreduction. Catalysis Science and Technology, 2021, 11, 7300-7306.	4.1	6
121	Enhancement of the corrosion properties of cold sprayed Tiâ€“6Alâ€“4V coatings on mild steel via silica sealer. Materials and Corrosion - Werkstoffe Und Korrosion, 0, , .	1.5	6
122	Polyphosphate assisted hydrothermal synthesis of hydroxyapatite coating on Mg alloys: Enhanced mechanical properties and corrosion resistance. Surface and Coatings Technology, 2022, 432, 128033.	4.8	6
123	A tripleâ€layered hybrid coating with selfâ€organized microporous polymer film on magnesium for biodegradable implant applications. Medical Devices & Sensors, 2020, 3, e10070.	2.7	4
124	Gentamicin loaded polyelectrolyte multilayers and strontium doped hydroxyapatite composite coating on Ti-6Al-4V alloy: antibacterial ability and biocompatibility. Materials Technology, 2022, 37, 1478-1485.	3.0	3
125	Galliumâ€“Strontium Phosphate Conversion Coatings for Promoting Infection Prevention and Biocompatibility of Magnesium for Orthopedic Applications. ACS Biomaterials Science and Engineering, 2022, 8, 2709-2723.	5.2	3
126	Degradation and biocompatibility of one-step electrodeposited magnesium thioctic acid/magnesium hydroxide hybrid coatings on ZE21B alloys for cardiovascular stents. Journal of Magnesium and Alloys, 2024, 12, 120-138.	11.9	3

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127	Immobilization of hemoglobin on cobalt nanoparticles-modified indium tin oxide electrode: Direct electrochemistry and electrocatalytic activity. Chemical Research in Chinese Universities, 2013, 29, 563-567.	2.6	2
128	Synthesis of glutamate intercalated Mg-Al layered double hydroxides: influence of stirring and aging time. Journal of Dispersion Science and Technology, 2020, , 1-9.	2.4	2
129	Mo-V-Nb-O-based catalysts for low-temperature selective oxidation of CÎ±-OH lignin model compounds. Frontiers of Materials Science, 2020, 14, 52-61.	2.2	2
130	Corrosion Resistance of Polyelectrolyte/SiO2 Nanoparticles Multilayers on Magnesium Alloy: Effect of Heat Treatment. Journal of Materials Engineering and Performance, 2021, 30, 9283-9289.	2.5	2
131	The influence of powder morphology on the microstructure and mechanical properties of as-sprayed and heat-treated cold-sprayed CP Ti. International Journal of Advanced Manufacturing Technology, 0, , 1.	3.0	2
132	Influence of Gas Temperature and Heat Treatment on Microstructure and Properties of Cold Sprayed Commercially Pure Titanium. Journal of Materials Engineering and Performance, 2022, 31, 5549-5558.	2.5	2
133	Effects of Laser Surface Remelting on Microstructure and Corrosion Properties of Mg-12Dy-1.1Ni Alloy. Journal of Materials Engineering and Performance, 2023, 32, 2587-2597.	2.5	2
134	Origin of the Photocatalytic Activity of Crystalline Phase Structures. ACS Applied Energy Materials, 2022, 5, 8923-8929.	5.1	2
135	In Vitro Biocompatibility of Surface Corrosion Films upon Magnesium. Corrosion, 2021, 77, 218-227.	1.1	1
136	Evolution and stability of 2-mercaptobenzimidazole inhibitor film upon Al alloy 6061. Journal of Applied Electrochemistry, 0, , 1.	2.9	1
137	A Novel Approach of Customized Pelvic Implant Design Based on Symmetrical Analysis and 3D Printing. 3D Printing and Additive Manufacturing, 2023, 10, 984-991.	2.9	1