

# Fu-Zeng Ren

## List of Publications by Year in descending order

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119  
papers

7,013  
citations

87723

38  
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62479

80  
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119  
all docs

119  
docs citations

119  
times ranked

7728  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel-Inspired Adhesive and Tough Hydrogel Based on Nanoclay Confined Dopamine Polymerization. ACS Nano, 2017, 11, 2561-2574.	7.3	749
2	Plant-inspired adhesive and tough hydrogel based on Ag-Lignin nanoparticles-triggered dynamic redox catechol chemistry. Nature Communications, 2019, 10, 1487.	5.8	675
3	Tough, self-healable and tissue-adhesive hydrogel with tunable multifunctionality. NPG Asia Materials, 2017, 9, e372-e372.	3.8	441
4	Transparent, Adhesive, and Conductive Hydrogel for Soft Bioelectronics Based on Light-Transmitting Polydopamine-Doped Polypyrrole Nanofibrils. Chemistry of Materials, 2018, 30, 5561-5572.	3.2	331
5	Mussel-Inspired Contact-Active Antibacterial Hydrogel with High Cell Affinity, Toughness, and Recoverability. Advanced Functional Materials, 2019, 29, 1805964.	7.8	309
6	Characterization and structural analysis of zinc-substituted hydroxyapatites. Acta Biomaterialia, 2009, 5, 3141-3149.	4.1	247
7	Graphene Oxide-Templated Conductive and Redox-Active Nanosheets Incorporated Hydrogels for Adhesive Bioelectronics. Advanced Functional Materials, 2020, 30, 1907678.	7.8	225
8	Synthesis, characterization and ab initio simulation of magnesium-substituted hydroxyapatite. Acta Biomaterialia, 2010, 6, 2787-2796.	4.1	173
9	A strong, tough, and osteoconductive hydroxyapatite mineralized polyacrylamide/dextran hydrogel for bone tissue regeneration. Acta Biomaterialia, 2019, 88, 503-513.	4.1	143
10	Mussel-inspired nanozyme catalyzed conductive and self-setting hydrogel for adhesive and antibacterial bioelectronics. Bioactive Materials, 2021, 6, 2676-2687.	8.6	138
11	In-Situ Construction of an Ultra-Stable Conductive Composite Interface for High-Voltage All-Solid-State Lithium Metal Batteries. Angewandte Chemie - International Edition, 2020, 59, 11784-11788.	7.2	126
12	Biomimetic Mineralized Hierarchical Graphene Oxide/Chitosan Scaffolds with Adsorbability for Immobilization of Nanoparticles for Biomedical Applications. ACS Applied Materials & Interfaces, 2016, 8, 1707-1717.	4.0	113
13	An Anisotropic Hydrogel Based on Mussel-Inspired Conductive Ferrofluid Composed of Electromagnetic Nanohybrids. Nano Letters, 2019, 19, 8343-8356.	4.5	107
14	Bioinspired Highly Anisotropic, Ultrastrong and Stiff, and Osteoconductive Mineralized Wood Hydrogel Composites for Bone Repair. Advanced Functional Materials, 2021, 31, 2010068.	7.8	107
15	Mussel-inspired dopamine oligomer intercalated tough and resilient gelatin methacryloyl (GelMA) hydrogels for cartilage regeneration. Journal of Materials Chemistry B, 2019, 7, 1716-1725.	2.9	105
16	Antibacterial coatings of fluoridated hydroxyapatite for percutaneous implants. Journal of Biomedical Materials Research - Part A, 2010, 95A, 588-599.	2.1	104
17	Cell culture medium as an alternative to conventional simulated body fluid. Acta Biomaterialia, 2011, 7, 2615-2622.	4.1	104
18	Mussel-inspired cryogels for promoting wound regeneration through photobiostimulation, modulating inflammatory responses and suppressing bacterial invasion. Nanoscale, 2019, 11, 15846-15861.	2.8	98

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19	Mussel-Inspired Redox-Active and Hydrophilic Conductive Polymer Nanoparticles for Adhesive Hydrogel Bioelectronics. <i>Nano-Micro Letters</i> , 2020, 12, 169.	14.4	98
20	Infrared spectroscopic characterization of carbonated apatite: A combined experimental and computational study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 496-505.	2.1	95
21	A Mussel-Inspired Persistent ROS-Scavenging, Electroactive, and Osteoinductive Scaffold Based on Electrochemical-Driven In Situ Nanoassembly. <i>Small</i> , 2019, 15, e1805440.	5.2	95
22	Bioinspired adhesive and tumor microenvironment responsive nanoMOFs assembled 3D-printed scaffold for anti-tumor therapy and bone regeneration. <i>Nano Today</i> , 2021, 39, 101182.	6.2	85
23	Bioadhesive Microporous Architectures by Self-Assembling Polydopamine Microcapsules for Biomedical Applications. <i>Chemistry of Materials</i> , 2015, 27, 848-856.	3.2	81
24	Micro/nano-structured TiO <sub>2</sub> surface with dual-functional antibacterial effects for biomedical applications. <i>Bioactive Materials</i> , 2019, 4, 346-357.	8.6	75
25	Conductive Cellulose Bio-Nanosheets Assembled Biostable Hydrogel for Reliable Bioelectronics. <i>Advanced Functional Materials</i> , 2021, 31, 2010465.	7.8	74
26	Sliding wear-induced chemical nanolayering in Cu-Ag, and its implications for high wear resistance. <i>Acta Materialia</i> , 2014, 72, 148-158.	3.8	70
27	Bioadhesive injectable hydrogel with phenolic carbon quantum dot supported Pd single atom nanozymes as a localized immunomodulation niche for cancer catalytic immunotherapy. <i>Biomaterials</i> , 2022, 280, 121272.	5.7	68
28	Cyclic phase transformation behavior of nanocrystalline NiTi at microscale. <i>Acta Materialia</i> , 2020, 185, 507-517.	3.8	67
29	Bacterial responses to periodic micropillar array. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 384-396.	2.1	61
30	A resilient and flexible chitosan/silk cryogel incorporated Ag/Sr co-doped nanoscale hydroxyapatite for osteoinductivity and antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7427-7438.	2.9	56
31	Achieving exceptional wear resistance in a compositionally complex alloy via tuning the interfacial structure and chemistry. <i>Acta Materialia</i> , 2020, 188, 697-710.	3.8	55
32	Laser surface treatment-introduced gradient nanostructured TiZrHfTaNb refractory high-entropy alloy with significantly enhanced wear resistance. <i>Journal of Materials Science and Technology</i> , 2022, 110, 43-56.	5.6	53
33	Pulse Electrochemical Driven Rapid Layer-by-Layer Assembly of Polydopamine and Hydroxyapatite Nanofilms via Alternative Redox <i>in Situ</i> Synthesis for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 920-928.	2.6	52
34	Overcoming the strength-ductility trade-off via the formation of nanoscale Cr-rich precipitates in an ultrafine-grained FCC CrFeNi medium entropy alloy matrix. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 762, 138107.	2.6	50
35	Ab initio simulation on the crystal structure and elastic properties of carbonated apatite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 26, 59-67.	1.5	43
36	Experimental and simulation studies of strontium/fluoride-codoped hydroxyapatite nanoparticles with osteogenic and antibacterial activities. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110359.	2.5	43

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37	Mussel-inspired graphene oxide nanosheet-enwrapped Ti scaffolds with drug-encapsulated gelatin microspheres for bone regeneration. <i>Biomaterials Science</i> , 2018, 6, 538-549.	2.6	42
38	In-situ formed heterogeneous grain structure in spark-plasma-sintered CoCrFeMnNi high-entropy alloy overcomes the strength-ductility trade-off. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 771, 138625.	2.6	42
39	Three-dimensional alloy interface between Li <sub>6.4</sub> La <sub>3</sub> Zr <sub>1.4</sub> Ta <sub>0.6</sub> O <sub>12</sub> and Li metal to achieve excellent cycling stability of all-solid-state battery. <i>Journal of Power Sources</i> , 2021, 505, 230062.	4.0	42
40	Hydrothermal growth of biomimetic carbonated apatite nanoparticles with tunable size, morphology and ultrastructure. <i>CrystEngComm</i> , 2013, 15, 2137.	1.3	40
41	Significant reduction in friction and wear of a high-entropy alloy via the formation of self-organized nanolayered structure. <i>Journal of Materials Science and Technology</i> , 2021, 73, 1-8.	5.6	38
42	Porous titanium scaffolds with self-assembled micro/nano-hierarchical structure for dual functions of bone regeneration and anti-infection. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 3482-3492.	2.1	37
43	Effects of microtopographic patterns on platelet adhesion and activation on titanium oxide surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 622-632.	2.1	36
44	Cicada-inspired fluoridated hydroxyapatite nanostructured surfaces synthesized by electrochemical additive manufacturing. <i>Materials and Design</i> , 2020, 193, 108790.	3.3	36
45	Engineering High-Resolution Micropatterns Directly onto Titanium with Optimized Contact Guidance to Promote Osteogenic Differentiation and Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43888-43901.	4.0	35
46	Synthesis and characterization of nano-crystalline calcium phosphates with EDTA-assisted hydrothermal method. <i>Materials &amp; Design</i> , 2010, 31, 1691-1694.	5.1	34
47	Growth of one-dimensional single-crystalline hydroxyapatite nanorods. <i>Journal of Crystal Growth</i> , 2012, 349, 75-82.	0.7	34
48	Fabrication of high strength, antibacterial and biocompatible Ti-5Mo-5Ag alloy for medical and surgical implant applications. <i>Materials Science and Engineering C</i> , 2020, 106, 110165.	3.8	34
49	Cancellous bone-like porous Fe@Zn scaffolds with core-shell-structured skeletons for biodegradable bone implants. <i>Acta Biomaterialia</i> , 2021, 121, 665-681.	4.1	32
50	Cancellous-Bone-like Porous Iron Scaffold Coated with Strontium Incorporated Octacalcium Phosphate Nanowhiskers for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 509-518.	2.6	31
51	Polydopamine mediated assembly of hydroxyapatite nanoparticles and bone morphogenetic protein-2 on magnesium alloys for enhanced corrosion resistance and bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2750-2761.	2.1	30
52	Mussel-inspired nano-multilayered coating on magnesium alloys for enhanced corrosion resistance and antibacterial property. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 432-439.	2.5	29
53	Antibacterial activity, corrosion resistance and wear behavior of spark plasma sintered Ta-5Cu alloy for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 315-323.	1.5	28
54	Theoretical analysis of protein effects on calcium phosphate precipitation in simulated body fluid. <i>CrystEngComm</i> , 2012, 14, 5870.	1.3	26

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55	Carbonated Apatite, Type-A or Type-B?. Key Engineering Materials, 0, 493-494, 293-297.	0.4	25
56	In-situ Construction of an Ultra-stable Conductive Composite Interface for High-voltage All-solid-state Lithium Metal Batteries. Angewandte Chemie, 2020, 132, 11882-11886.	1.6	25
57	Nanoscale self-organization reaction in Cu-Ag alloys subjected to dry sliding and its impact on wear resistance. Tribology International, 2016, 100, 420-429.	3.0	24
58	Effects of grain size on compressive behavior of NiTi polycrystalline superelastic macro- and micropillars. Materials Letters, 2018, 214, 53-55.	1.3	24
59	Fabrication, tribological and corrosion behaviors of ultra-fine grained Co-28Cr-6Mo alloy for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 60, 139-147.	1.5	23
60	A strong, wear- and corrosion-resistant, and antibacterial Co-30 at.% Cr-5 at.% Ag ternary alloy for medical implants. Materials and Design, 2019, 184, 108190.	3.3	23
61	Novel niobium and silver toughened hydroxyapatite nanocomposites with enhanced mechanical and biological properties for load-bearing bone implants. Applied Materials Today, 2019, 15, 531-542.	2.3	23
62	Integrity and zeta potential of fluoridated hydroxyapatite nanothick coatings for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1046-1056.	1.5	22
63	A study of degradation behaviour and biocompatibility of Zn-Fe alloy prepared by electrodeposition. Materials Science and Engineering C, 2020, 117, 111295.	3.8	22
64	Introducing Laves phase strengthening into an ultrafine-grained equiatomic CrFeNi alloy by niobium addition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 806, 140611.	2.6	22
65	Controlled pVEGF delivery via a gene-activated matrix comprised of a peptide-modified non-viral vector and a nanofibrous scaffold for skin wound healing. Acta Biomaterialia, 2022, 140, 149-162.	4.1	22
66	Direct measurement of the maximum pinning force during particle-grain boundary interaction via molecular dynamics simulations. Acta Materialia, 2018, 148, 1-8.	3.8	21
67	In situ alloying based laser powder bed fusion processing of Ti-Mo alloy to fabricate functionally graded composites. Composites Part B: Engineering, 2021, 222, 109059.	5.9	21
68	Computer simulation of ions doped hydroxyapatite: A brief review. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 978-987.	0.4	20
69	Microstructure, Mechanical Properties, and Sliding Wear Behavior of Spark Plasma Sintered Ti-Cu Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 6147-6160.	1.1	20
70	Sliding wear of CoCrNi medium-entropy alloy at elevated temperatures: Wear mechanism transition and subsurface microstructure evolution. Wear, 2019, 440-441, 203108.	1.5	20
71	The Synergy of Topographical Micropatterning and Ta/TaCu Bilayered Thin Film on Titanium Implants Enables Dual-functions of Enhanced Osteogenesis and Anti-infection. Advanced Healthcare Materials, 2021, 10, 2002020.	3.9	20
72	Tribological and corrosion behaviors of bulk Cu-W nanocomposites fabricated by mechanical alloying and warm pressing. Journal of Alloys and Compounds, 2016, 676, 164-172.	2.8	19

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73	Graphene oxide nanolayers as nanoparticle anchors on biomaterial surfaces with nanostructures and charge balance for bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1311-1323.	2.1	19
74	Achieving low wear in a $\beta$ -phase reinforced high-entropy alloy and associated subsurface microstructure evolution. <i>Wear</i> , 2021, 474-475, 203755.	1.5	19
75	Enhance Fatigue Resistance of Nanocrystalline NiTi by Laser Shock Peening. <i>Shape Memory and Superelasticity</i> , 2019, 5, 436-443.	1.1	18
76	Progress in $11\beta$ -HSD1 inhibitors for the treatment of metabolic diseases: A comprehensive guide to their chemical structure diversity in drug development. <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112134.	2.6	18
77	Achieving high strength and high ductility in a high-entropy alloy by a combination of a heterogeneous grain structure and oxide-dispersion strengthening. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 805, 140544.	2.6	18
78	Chitosan/bovine serum albumin co-micropatterns on functionalized titanium surfaces and their effects on osteoblasts. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 489-502.	1.7	17
79	Sliding wear induced subsurface microstructural evolution in nanocrystalline Nb-Ag binary alloys and its impact on tribological performance. <i>Wear</i> , 2017, 392-393, 69-76.	1.5	17
80	Calcium phosphate bioceramics induce mineralization modulated by proteins. <i>Materials Science and Engineering C</i> , 2013, 33, 3245-3255.	3.8	16
81	Effects of atomic-level nano-structured hydroxyapatite on adsorption of bone morphogenetic protein-7 and its derived peptide by computer simulation. <i>Scientific Reports</i> , 2017, 7, 15152.	1.6	16
82	The interaction of chitosan and BMP-2 tuned by deacetylation degree and pH value. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 769-779.	2.1	16
83	Bio-inspired immobilization of strontium substituted hydroxyapatite nanocrystals and alendronate on the surface of AZ31 magnesium alloy for osteoporotic fracture repair. <i>Surface and Coatings Technology</i> , 2017, 313, 381-390.	2.2	15
84	Zener pinning by coherent particles: pinning efficiency and particle reorientation mechanisms. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2017, 25, 065008.	0.8	14
85	Mussel-inspired nano-building block assemblies for mimicking extracellular matrix microenvironments with multiple functions. <i>Biofabrication</i> , 2017, 9, 035005.	3.7	13
86	Microstructure and dry sliding wear behavior of ultrafine-grained Co-30at% Cr alloy at room and elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2019, 770, 276-284.	2.8	13
87	A dual-pillar method for measurement of stress-strain response of material at microscale. <i>Scripta Materialia</i> , 2019, 172, 138-143.	2.6	13
88	Ultrahigh radiation resistance of nanocrystalline diamond films for solid lubrication in harsh radiative environments. <i>Carbon</i> , 2021, 182, 525-536.	5.4	13
89	Ultrahigh cycle fatigue of nanocrystalline NiTi tubes for elastocaloric cooling. <i>Applied Materials Today</i> , 2022, 26, 101377.	2.3	13
90	Fabrication and evaluation of bulk nanostructured cobalt intended for dental and orthopedic implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 68, 115-123.	1.5	12

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91	Forced atomic mixing of immiscible Nb-Ag alloys by severe plastic deformation. <i>Materials Letters</i> , 2017, 207, 141-144.	1.3	12
92	Microstructure, Mechanical Properties, and Sliding Wear Behavior of Oxide-Dispersion-Strengthened FeMnNi Alloy Fabricated by Spark Plasma Sintering. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 2796-2810.	1.1	12
93	Significantly Enhanced Wear Resistance of an Ultrafine-Grained CrFeNi Medium-Entropy Alloy at Elevated Temperatures. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 2834-2850.	1.1	12
94	Effects of nanocrystalline microstructure on the dry sliding wear behavior of a Cu-10at% Ag-10at% W ternary alloy against stainless steel. <i>Wear</i> , 2018, 402-403, 1-10.	1.5	11
95	Tuning the mechanical properties of $\text{Fe}_x(\text{CoMoNi})_{100-x}$ high-entropy alloys via controlled formation of hard $\sqrt{2}$ phase. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 773, 138881.	2.6	11
96	Superelastic oxide micropillars enabled by surface tension-modulated $90^\circ$ domain switching with excellent fatigue resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
97	A high strength, wear and corrosion-resistant, antibacterial and biocompatible Nb-5 at.% Ag alloy for dental and orthopedic implants. <i>Journal of Materials Science and Technology</i> , 2021, 80, 266-278.	5.6	11
98	Interaction Behaviors of Fibrinopeptide-A and Graphene with Different Functional Groups: A Molecular Dynamics Simulation Approach. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7907-7915.	1.2	10
99	Controllable phase transformation of fluoridated calcium phosphate ultrathin coatings for biomedical applications. <i>Journal of Alloys and Compounds</i> , 2020, 847, 155920.	2.8	10
100	Surfactant-free electrochemical synthesis of fluoridated hydroxyapatite nanorods for biomedical applications. <i>Ceramics International</i> , 2019, 45, 17336-17343.	2.3	9
101	Molecular dynamics simulation of protein effects on interfacial energy between HA surfaces and solutions. <i>Materials Letters</i> , 2014, 123, 191-194.	1.3	8
102	Study of protein adsorption on octacalcium phosphate surfaces by molecular dynamics simulations. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1045-1053.	1.7	7
103	Microstructure, sliding wear and corrosion behavior of bulk nanostructured Co-Ag immiscible alloys. <i>Journal of Alloys and Compounds</i> , 2018, 748, 961-969.	2.8	7
104	Size effect on the mechanical behavior of single crystalline Fe-31.2Pd (at.%) micropillars. <i>Scripta Materialia</i> , 2018, 152, 141-145.	2.6	7
105	Grain boundary migration and Zener pinning in a nanocrystalline Cu-Ag alloy. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2020, 28, 065017.	0.8	7
106	Atomic layer deposition of zinc oxide onto 3D porous iron scaffolds for bone repair: in vitro degradation, antibacterial activity and cytocompatibility evaluation. <i>Rare Metals</i> , 2022, 41, 546-558.	3.6	7
107	Lithium-ion spontaneous exchange and synergistic transport in ceramic-liquid hybrid electrolytes for highly efficient lithium-ion transfer. <i>Science Bulletin</i> , 2022, 67, 946-954.	4.3	7
108	A high strength and low modulus metastable $\sqrt{2}$ Ti-12Mo-6Zr-2Fe alloy fabricated by laser powder bed fusion in-situ alloying. <i>Additive Manufacturing</i> , 2021, 37, 101708.	1.7	5

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109	Sliding wear of nanocrystalline Nb-Ag at elevated temperatures: Evolution of subsurface microstructure and its correlation with wear performance. <i>Wear</i> , 2018, 414-415, 251-261.	1.5	4
110	The Size Dependent Deformation and Strengthening Mechanisms of Nanolayered Co/Ag Micropillars. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 5640-5649.	1.1	4
111	Fatigue-Resistant Heterogeneous Gradient Nanocrystalline NiTi Shape Memory Alloy Fabricated by Pre-Strain Laser Shock Peening. <i>Shape Memory and Superelasticity</i> , 2022, 8, 107-117.	1.1	4
112	&lt;i>Ab Initio&lt;/i> Simulations on the Carbonated Apatite Structure. <i>Key Engineering Materials</i> , 2020, 529-530, 1-6.	0.4	3
113	Sliding Wear Behavior of Spark Plasma-Sintered Cu&lt;sup>6</sup> Wt&lt;sup>P</sup>ct Cr Alloy at Room and Elevated Temperatures. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 3132-3147.	1.1	3
114	Laves phase strengthening in ultrafine-grained Co&lt;sup>Cr&lt;/sup>Ta micropillars under uniaxial compression at modest temperature. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 791, 139782.	2.6	3
115	Ultrafine-grained Nb-Cu immiscible alloy implants for hard tissue repair: Fabrication, characterization, and in vitro and in vivo evaluation. <i>Journal of Materials Science and Technology</i> , 2022, 127, 214-224.	5.6	3
116	Resolving the Interface of Calcium Phosphate Formation on the Porous Bioceramics <i>In Vitro</i>. <i>Journal of the American Ceramic Society</i> , 2016, 99, 4107-4112.	1.9	2
117	Measuring fracture toughness of human dental enamel at small scale using notched microcantilever beams. <i>Biosurface and Biotribology</i> , 2021, 7, 228-232.	0.6	2
118	Measurement of two-dimensional residual stress in nanocrystalline superelastic NiTi fabricated with pre-strain laser shock peening. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 1559-1568.	1.5	2
119	Superelasticity of micropillar of single crystalline Fe <sub>3</sub> Pt. <i>Materialia</i> , 2020, 9, 100534.	1.3	1