Shijian Zheng

List of Publications by Year
in descending order

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134	6,654	66343	69250
papers	citations	42 h-index	77 g-index

135	135	135	7152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-temperature hydrogen production from water and methanol using Pt/Î±-MoC catalysts. Nature, 2017, 544, 80-83.	27.8	1,090
2	High-strength and thermally stable bulk nanolayered composites due to twin-induced interfaces. Nature Communications, 2013, 4, 1696.	12.8	298
3	A promising new class of irradiation tolerant materials: Ti2ZrHfV0.5Mo0.2 high-entropy alloy. Journal of Materials Science and Technology, 2019, 35, 369-373.	10.7	266
4	Atomically Dispersed Feâ€N_x/C Electrocatalyst Boosts Oxygen Catalysis via a New Metalâ€Organic Polymer Supramolecule Strategy. Advanced Energy Materials, 2018, 8, 1801226.	19.5	216
5	Trap State Passivation by Rational Ligand Molecule Engineering toward Efficient and Stable Perovskite Solar Cells Exceeding 23% Efficiency. Advanced Energy Materials, 2021, 11, 2100529.	19.5	201
6	High-strength and high-ductility AlCoCrFeNi2.1 eutectic high-entropy alloy achieved via precipitation strengthening in a heterogeneous structure. Scripta Materialia, 2020, 186, 336-340.	5.2	190
7	Emergence of stable interfaces under extreme plastic deformation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4386-4390.	7.1	150
8	Interface-driven microstructure development and ultra high strength of bulk nanostructured Cu-Nb multilayers fabricated by severe plastic deformation. Journal of Materials Research, 2013, 28, 1799-1812.	2.6	142
9	Microstructural Changes in LiNi_{0.8}Co_{0.15}Al_{0.05}O₂ Positive Electrode Material during the First Cycle. Journal of the Electrochemical Society, 2011, 158, A357-A362.	2.9	140
10	Structureâ€“Propertyâ€“Functionality of Bimetal Interfaces. Jom, 2012, 64, 1192-1207.	1.9	140
11	Plastic instability mechanisms in bimetallic nanolayered composites. Acta Materialia, 2014, 79, 282-291.	7.9	124
12	Identification of MnCr2O4 nano-octahedron in catalysing pitting corrosion of austenitic stainless steels. Acta Materialia, 2010, 58, 5070-5085.	7.9	122
13	Metal organic framework-derived CoPS/N-doped carbon for efficient electrocatalytic hydrogen evolution. Nanoscale, 2018, 10, 7291-7297.	5.6	107
14	Microstructural Observation of LiNi_{0.8}Co_{0.15}Al_{0.05}O₂after Charge and Discharge by Scanning Transmission Electron Microscopy. Journal of the Electrochemical Society, 2012, 159, A1070-A1073.	2.9	101
15	High He-ion irradiation resistance of CrMnFeCoNi high-entropy alloy revealed by comparison study with Ni and 304SS. Journal of Materials Science and Technology, 2019, 35, 300-305.	10.7	101
16	Thermal stability of Cuâ€“Nb nanolamellar composites fabricated via accumulative roll bonding. Philosophical Magazine, 2013, 93, 718-735.	1.6	95
17	Faceted Kurdjumov-Sachs interface-induced slip continuity in the eutectic high-entropy alloy, AlCoCrFeNi2.1. Journal of Materials Science and Technology, 2021, 65, 216-227.	10.7	95
18	Deformation twinning mechanisms from bimetal interfaces as revealed by in situ straining in the TEM. Acta Materialia, 2012, 60, 5858-5866.	7.9	94

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19	Structure-Dependent Electrocatalytic Properties of Cu₂O Nanocrystals for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2013, 117, 13872-13878.	3.1	92
20	Deformation and failure of shocked bulk Cuâ€“Nb nanolaminates. Acta Materialia, 2014, 63, 150-161.	7.9	88
21	Unusually Large Enhancement of Thermopower in an Electric Field Induced Twoâ€Dimensional Electron Gas. Advanced Materials, 2012, 24, 740-744.	21.0	83
22	Photon management to reduce energy loss in perovskite solar cells. Chemical Society Reviews, 2021, 50, 7250-7329.	38.1	83
23	Twinning and sequential kinking in lamellar Ti-6Al-4V alloy. Acta Materialia, 2019, 181, 479-490.	7.9	80
24	Bulk texture evolution of nanolamellar Zrâ€“Nb composites processed via accumulative roll bonding. Acta Materialia, 2015, 92, 97-108.	7.9	79
25	A modified sol-gel process for multiferroic nanocomposite films. Journal of Applied Physics, 2007, 102, .	2.5	78
26	Deformation induced FCC lamellae and their interaction in commercial pure Ti. Scripta Materialia, 2019, 162, 326-330.	5.2	74
27	Microstructural evolution of the interface between NiCrAlY coating and superalloy during isothermal oxidation. Materials & Design, 2015, 80, 63-69.	5.1	70
28	Processing Parameter Influence on Texture and Microstructural Evolution in Cu-Nb Multilayer Composites Fabricated via Accumulative Roll Bonding. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2192-2208.	2.2	67
29	Texture evolution and enhanced grain refinement under high-pressure-double-torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 611, 29-36.	5.6	67
30	Twinnability of bimetal interfaces in nanostructured composites. Materials Research Letters, 2013, 1, 89-95.	8.7	65
31	Engineering Interface Structures and Thermal Stabilities via SPD Processing in Bulk Nanostructured Metals. Scientific Reports, 2014, 4, 4226.	3.3	65
32	Recent progresses on alloy-based anodes for potassium-ion batteries. Rare Metals, 2020, 39, 989-1004.	7.1	64
33	Microstructure and mechanical properties of CoCrNi-Mo medium entropy alloys: Experiments and first-principle calculations. Journal of Materials Science and Technology, 2021, 62, 25-33.	10.7	64
34	Structure and Property of Interfaces in ARB Cu/Nb Laminated Composites. Jom, 2012, 64, 1208-1217.	1.9	63
35	Fabrication of aluminum matrix composites reinforced with Ni-coated graphene nanosheets. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 754, 437-446.	5.6	57
36	Strong, Ductile, and Thermally Stable bcc-Mg Nanolaminates. Scientific Reports, 2017, 7, 8264.	3.3	53

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37	Doping in inorganic perovskite for photovoltaic application. Nano Energy, 2020, 78, 105354.	16.0	53
38	Minimum energy structures of faceted, incoherent interfaces. Journal of Applied Physics, 2012, 112, .	2.5	46
39	Substitutional Carbonâ€Modified Anatase TiO₂ Decahedral Plates Directly Derived from Titanium Oxalate Crystals via Topotactic Transition. Advanced Materials, 2018, 30, e1705999.	21.0	46
40	Microstructural evolution at interfaces of thermal barrier coatings during isothermal oxidation. Journal of the European Ceramic Society, 2016, 36, 1765-1774.	5.7	45
41	Plasticity of bulk metallic glasses improved by controlling the solidification condition. Journal of Materials Research, 2008, 23, 941-948.	2.6	44
42	Manipulating dislocation nucleation and shear resistance of bimetal interfaces by atomic steps. Acta Materialia, 2016, 113, 194-205.	7.9	44
43	Optimum high temperature strength of two-dimensional nanocomposites. APL Materials, 2013, 1, .	5.1	43
44	Adhesion of voids to bimetal interfaces with non-uniform energies. Scientific Reports, 2015, 5, 15428.	3.3	41
45	Microstructure evolution and mechanical properties of a new cast Ni-base superalloy with various Ti contents. Journal of Alloys and Compounds, 2018, 735, 193-201.	5.5	41
46	Chloride attack on the passive film of duplex alloy. Corrosion Science, 2019, 154, 123-128.	6.6	41
47	Influence of slip and twinning on the crystallographic stability of bimetal interfaces in nanocomposites under deformation. Acta Materialia, 2014, 72, 137-147.	7.9	40
48	Anisotropic behavior of exchange coupling in textured Nd2Fe14B/Î±-Fe multilayer films. Journal of Applied Physics, 2008, 104, 053903.	2.5	37
49	Zwitterionic Ionic Liquid Confer Defect Tolerance, High Conductivity, and Hydrophobicity toward Efficient Perovskite Solar Cells Exceeding 22% Efficiency. Solar Rrl, 2021, 5, 2100352.	5.8	35
50	Deformation twinning induced decomposition of lamellar LPSO structure and its re-precipitation in an Mg-Zn-Y alloy. Scientific Reports, 2016, 6, 30096.	3.3	34
51	Grain boundary defect passivation by in situ formed wide-bandgap lead sulfate for efficient and stable perovskite solar cells. Chemical Engineering Journal, 2021, 426, 130685.	12.7	34
52	Strength and ductility of bulk Cu/Nb nanolaminates exposed to extremely high temperatures. Scripta Materialia, 2019, 166, 73-77.	5.2	33
53	Effect of long-term aging on the microstructure, stress rupture properties and deformation mechanisms of a new cast nickel base superalloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 736, 76-86.	5.6	32
54	Antiphase inversion domains in lithium cobaltite thin films deposited on single-crystal sapphire substrates. Acta Materialia, 2013, 61, 7671-7678.	7.9	29

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55	Effects of He radiation on cavity distribution and hardness of bulk nanolayered Cu-Nb composites. Journal of Nuclear Materials, 2017, 487, 311-316.	2.7	28
56	Distribution of the microalloying element Cu in B4C-reinforced 6061Al composites. Journal of Alloys and Compounds, 2017, 728, 112-117.	5.5	28
57	Oxide MnCr2O4 induced pitting corrosion in high entropy alloy CrMnFeCoNi. Materialia, 2019, 6, 100275.	2.7	26
58	Cu-based metallic glass with robust activity and sustainability for wastewater treatment. Journal of Materials Chemistry A, 2020, 8, 10855-10864.	10.3	26
59	An interface facet driven Rayleigh instability in high-aspect-ratio bimetallic nanolayered composites. Applied Physics Letters, 2014, 105, .	3.3	25
60	Atomic scale understanding of the interaction between alloying copper and MnS inclusions in stainless steels in NaCl electrolyte. Corrosion Science, 2016, 111, 414-421.	6.6	25
61	Hardening induced by dislocation core spreading at disordered interface in Cu/Nb multilayers. Scripta Materialia, 2021, 200, 113917.	5.2	25
62	Basal shearing of twinned stacking faults and its effect on mechanical properties in an Mgâ€“Znâ€“Y alloy with LPSO phase. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 779, 139109.	5.6	24
63	Thermally stable microstructures and mechanical properties of B4C-Al composite with in-situ formed Mg(Al)B2. Journal of Materials Science and Technology, 2019, 35, 1825-1830.	10.7	23
64	Structure and energetics of nanotwins in cubic boron nitrides. Applied Physics Letters, 2016, 109, .	3.3	22
65	Enhanced thermoelectric properties of topological crystalline insulator PbSnTe nanowires grown by vapor transport. Nano Research, 2016, 9, 820-830.	10.4	22
66	Atomic structure of the Fe/Fe₃C interface with the Isaichev orientation in pearlite. Philosophical Magazine, 2017, 97, 2375-2386.	1.6	22
67	Strengthening of alloy AA6022-T4 by continuous bending under tension. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 758, 47-55.	5.6	22
68	Enhancing strength and ductility via crystalline-amorphous nanoarchitectures in TiZr-based alloys. Science Advances, 2022, 8, eabm2884.	10.3	22
69	Interface facilitated transformation of voids directly into stacking fault tetrahedra. Acta Materialia, 2020, 188, 623-634.	7.9	21
70	Enhancing strength and thermal stability of TWIP steels with a heterogeneous structure. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 720, 231-237.	5.6	20
71	Interface structure of Nb films on single crystal MgO(100) and MgO(111) substrates. Acta Materialia, 2014, 64, 100-112.	7.9	19
72	Atomic-resolution studies on reactions between basal dislocations and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si88.svg"><mml:mrow><mml:mo>{</mml:mo><mml:mrow><mml:mn>10</mml:mn><mml:mover accent="false"><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:mo>Â¯</mml:mo></mml:mrow></mml:mover></r coherent twin boundaries in a Mg alloy. Journal of Materials Science and Technology, 2021, 66, 28-35.	10.7	19

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73	Doping in Semiconductor Oxidesâ€Based Electron Transport Materials for Perovskite Solar Cells Application. Solar Rrl, 2021, 5, 2000605.	5.8	19
74	The Suppression of Instabilities via Biphase Interfaces During Bulk Fabrication of Nanograined Zr. Materials Research Letters, 2015, 3, 50-57.	8.7	18
75	Multifunctional Reductive Molecular Modulator toward Efficient and Stable Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100320.	5.8	18
76	Corrosion onset associated with the reinforcement and secondary phases in B4C-6061Al neutron absorber material in H3BO3 solution. Corrosion Science, 2019, 153, 74-84.	6.6	17
77	Deformation-induced interfacial transition zone in Cu/V nanolamellar multilayers. Scripta Materialia, 2019, 159, 104-108.	5.2	17
78	Atomic-resolution studies on reactions of slip dislocations with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mo>{</mml:mo><mml:mrow><mml:mn>10</mml:mn><mml:mover accent="true"><mml:mn>1</mml:mn><mml:mo>Â¯</mml:mo></mml:mover><mml:mn>1</mml:mn></mml:mrow><mml:mo>}</mml:m twin boundaries and local plastic relaxation in a Mg alloy. Acta Materialia, 2021, 206, 116622.	7.9	17
79	Domain formation in anatase TiO2 thin films on LaAlO3 substrates. Applied Physics Letters, 2012, 101, .	3.3	16
80	Atomistic study of abnormal grain growth structure in BaTiO3 by transmission electron microscopy and scanning transmission electron microscopy. Acta Materialia, 2013, 61, 2298-2307.	7.9	15
81	In Situ Electrochemically Formed Ag/NiOOH/Ni₃S₂ Heterostructure Electrocatalysts with Exceptional Performance toward Oxygen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2022, 10, 5976-5985.	6.7	15
82	Atomic-scale decoration for improving the pitting corrosion resistance of austenitic stainless steels. Scientific Reports, 2014, 4, 3604.	3.3	14
83	Effects of Pressure and Number of Turns on Microstructural Homogeneity Developed in High-Pressure Double Torsion. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 1249-1263.	2.2	14
84	Interface effects on the properties of Cuâ€“Nb nanolayered composites. Journal of Materials Research, 2020, 35, 2684-2700.	2.6	14
85	New Polytypoid SnO₂(ZnO:Sn)_m Nanowire: Characterization and Calculation of Its Electronic Structure. Journal of Physical Chemistry C, 2012, 116, 5009-5013.	3.1	13
86	Interface Effects on He Ion Irradiation in Nanostructured Materials. Materials, 2019, 12, 2639.	2.9	13
87	Role of interfacial transition zones in the fracture of Cu/V nanolamellar multilayers. Materials Research Letters, 2020, 8, 299-306.	8.7	13
88	Atomic scale structure dominated FCC and B2 responses to He ion irradiation in eutectic high-entropy alloy AlCoCrFeNi2.1. Journal of Materials Science and Technology, 2022, 129, 87-95.	10.7	13
89	Microstructure tuning of epitaxial BaTiO3â^'x thin films grown using laser molecular-beam epitaxy by varying the oxygen pressure. Thin Solid Films, 2010, 518, 3669-3673.	1.8	12
90	Atomic-resolution investigations on formation and evolution of symmetric tilt grain boundaries near the {101Â¯2} twin orientation in a Mg alloy. Scripta Materialia, 2020, 187, 113-118.	5.2	12

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91	Femtosecond laser-induced nanoporous layer for enhanced osteogenesis of titanium implants. Materials Science and Engineering C, 2021, 127, 112247.	7.3	12
92	Unprecedented plastic flow channel in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î³</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mathvariant="normal">B</mml:mi><mml:mn>28</mml:mn></mml:msub></mml:mrow></mml:math> through ultrasoft bonds: A challenge to superhardness. Physical Review Materials, 2018, 2, .	2.4	12
93	Abnormal grain growth of BaTiO3 by 2D nucleation and lateral growth. Journal of the European Ceramic Society, 2008, 28, 1821-1825.	5.7	11
94	Impact of high interface density on ferroelectric and structural properties of PbZr_{0.2}Ti_{0.8}O₃/PbZr_{0.4}Ti_{0.6}O₃ epitaxial multilayers. Journal Physics D: Applied Physics, 2009, 42, 085305.	2.8	11
95	Synthesis and mechanical behavior of nanoporous nanotwinned copper. Applied Physics Letters, 2013, 103, .	3.3	11
96	A multi-scale model for texture development in Zr/Nb nanolayered composites processed by accumulative roll bonding. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012170.	0.6	11
97	Boride-induced dislocation channeling in a single crystal Ni-based superalloy. Materials Letters, 2019, 235, 232-235.	2.6	11
98	Role of the interface on radiation damage in the SrTiO3/LaAlO3 heterostructure under Ne2+ ion irradiation. Journal of Applied Physics, 2014, 115, .	2.5	10
99	Quasi-in-situ observing the growth of native oxide film on the FeCr15Ni15 austenitic alloy by TEM. Corrosion Science, 2018, 140, 1-7.	6.6	10
100	Segregation of solute atoms along deformation-induced boundaries in an Mgâ€“Znâ€“Y alloy containing long period stacking ordered phase. Materialia, 2019, 6, 100287.	2.7	10
101	Precipitation behavior of Î±2 phase and its influence on mechanical properties of binary Ti-8Al alloy. Journal of Alloys and Compounds, 2021, 871, 159577.	5.5	10
102	Dislocation facilitated formation and evolution of basal-prismatic/prismatic-basal interfaces in a Mg alloy. Scripta Materialia, 2022, 206, 114237.	5.2	10
103	Na⁺/vacancy disordered manganese-based oxide cathode with ultralow strain enabled by tuning charge distribution. Journal of Materials Chemistry A, 2022, 10, 10391-10399.	10.3	10
104	A new refractory Ni7Nb2 phase identified in Laves eutectic regions by TEM study. Acta Materialia, 2021, 214, 116985.	7.9	9
105	{10<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.svg"><mml:mover accent="true"><mml:mn>1</mml:mn><mml:mo>Â¯</mml:mo></mml:mover></mml:math>2} twinning induced by the interaction between {11<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mover accent="true"><mml:mn>2</mml:mn><mml:mo>Â¯</mml:mo></mml:mover></mml:math>1} twin and Î²2 phase in Î±+Î² Ti alloys. Acta Materialia, 2022, 231, 117900.	7.9	9
106	Microstructural characteristics of the microphase Y-Ti2SC in nickel-based superalloys. Journal of Alloys and Compounds, 2014, 611, 104-110.	5.5	8
107	Ultrafine-grained CuAg7Zr0.05 alloy with fully recrystallized microstructure. Materialia, 2018, 3, 162-168.	2.7	8
108	Effect of temperature on deformation mechanisms of the Mg88Co5Y7 alloy during hot compression. Materials Characterization, 2019, 151, 553-562.	4.4	8

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109	Interfacial dislocations dominated lateral growth of long-period stacking ordered phase in Mg alloys. Journal of Materials Science and Technology, 2021, 61, 114-118.	10.7	8
110	Fatigue-induced interface damage in Cu/V nanoscale metallic multilayers. Scripta Materialia, 2021, 190, 103-107.	5.2	8
111	Surface plasmon enhanced transmission and directivity through subwavelength slit in X-band microwaves. Applied Physics Letters, 2008, 92, .	3.3	7
112	Effect of void morphology on void facilitated plasticity in irradiated Cu/Nb metallic nanolayered composites. Journal of Nuclear Materials, 2022, 558, 153380.	2.7	7
113	Creep induced precipitation of the (Cr,Mo)5B3-type boride in Î³/Î³â€² eutectic of a Ni-based superalloy. Materials Characterization, 2020, 169, 110569.	4.4	6
114	Effects of Al content and Î±2 precipitation on the fatigue crack growth behaviors of binary Tiâ€“Al alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 819, 141513.	5.6	6
115	Microstructural evolution of [PbZrxTi1â€“xO3/PbZryTi1â€“yO3]nepitaxial multilayers (x/y= 0.2/0.4,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	5
116	Regulating kinetics of deformation-induced phase transformation in amorphous alloy composite via tuning nano-scale compositional heterogeneity in crystalline phase. Intermetallics, 2018, 93, 72-76.	3.9	5
117	Characterization of Î±2 Precipitates in Tiâ€“6Al and Tiâ€“8Al Binary Alloys: A Comparative Investigation. Acta Metallurgica Sinica (English Letters), 2021, 34, 710-718.	2.9	5
118	High-temperature strength-coercivity balance in a FeCo-based soft magnetic alloy via magnetic nanoprecipitates. Journal of Materials Science and Technology, 2021, 81, 36-42.	10.7	5
119	TEM and STEM investigation of grain boundaries and second phases in barium titanate. Philosophical Magazine, 2007, 87, 5447-5459.	1.6	4
120	Asymmetrical twin boundaries and highly dense antiphase domains in BaNb0.3Ti0.7O3thin films. Philosophical Magazine, 2007, 87, 4421-4431.	1.6	4
121	Crystallization behavior of an Au based metallic glass at high temperature. Journal of Alloys and Compounds, 2020, 835, 155245.	5.5	4
122	A diagnosis of gas-phase processes in a high pressure DC CH4/H2 plasma. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 165204.	0.5	4
123	Unravelling the local ring-like atomic pattern of twin boundary in an Mg-Zn-Y alloy. Philosophical Magazine, 2019, 99, 306-317.	1.6	3
124	Stacking faults and growth twins in long-period stacking ordered structures in a near-equilibrium Mg97Zn1Y2 alloy. Materials Characterization, 2020, 165, 110395.	4.4	3
125	Void-interface wetting to crossing transition owing to bubble to void transformation. Applied Physics Letters, 2020, 116, .	3.3	3
126	Remarkable ductility in metastable refractory high entropy alloys via BCC-FCC/Î±â€³ martensitic transformations. Applied Physics Letters, 2021, 119, 151902.	3.3	3

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127	Dependence of Plastic Stability on 3D Interface Layer in Nanolaminated Materials. Acta Metallurgica Sinica (English Letters), 2022, 35, 1759-1764.	2.9	3
128	Fabrication of atomically smooth SrRuO3 thin films by laser molecular beam epitaxy. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 745-749.	0.2	2
129	Stacking Faults and Growth Twins in Longâ€Period Stackingâ€Ordered Structures in Mgâ€“Coâ€“Y Alloys. Advanced Engineering Materials, 2020, 22, 1901029.	3.5	2
130	Self-Adjusting Characterization for Steady-State, Direct Current Cathode-Dominated Glow Discharge Plasmas at High Pressures. Chinese Physics Letters, 2013, 30, 085201.	3.3	1
131	Cu-doped SiOxCy nanostructures induced by radio frequency plasma jet using hexamethyldisiloxane. Applied Surface Science, 2011, 258, 1149-1152.	6.1	0
132	Combined Approach of QSAR and Docking Studies for the Design of Local Anaesthetic Agents. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 272-276.	1.1	0
133	Twinning and Sequential Kinking in Lamellar Ti-6Al-4V Alloy. SSRN Electronic Journal, 0, , .	0.4	0
134	Void-Interface Wetting-to-Crossing Transition Due to Bubble-to-Void Transformation. SSRN Electronic Journal, 0, , .	0.4	0