

Rong Yu

List of Publications by Year in descending order

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146
papers

8,816
citations

66343

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43889

91
g-index

151
all docs

151
docs citations

151
times ranked

11429
citing authors

#	ARTICLE	IF	CITATIONS
1	Displacement separation analysis from atomic-resolution images. Ultramicroscopy, 2022, 232, 113404.	1.9	3
2	Stabilization of the (1 1 1) surface of NiO and CoO by segregation of point defects. Applied Surface Science, 2022, 582, 152473.	6.1	3
3	Two-band superconductivity through structural and electronic reconstruction on interface: YBa ₂ Cu ₃ O ₇ /LaAlO ₃ (001). Journal of Applied Physics, 2022, 131, 125303.	2.5	0
4	Unveiling the charge transfer dynamics steered by built-in electric fields in BiOBr photocatalysts. Nature Communications, 2022, 13, 2230.	12.8	117
5	Deep sub-angstrom resolution imaging by electron ptychography with misorientation correction. Science Advances, 2022, 8, eabn2275.	10.3	20
6	Twin Boundary and Fivefold Twins in Nickel Oxide. Physica Status Solidi (B): Basic Research, 2021, 258, 2000377.	1.5	5
7	Defect structures of the Cr ₂ O ₃ (112̄,0) surface: effect of electron beam irradiation. Journal of Materials Chemistry C, 2021, 9, 6324-6331.	5.5	6
8	Polyhedron and Charge Ordering in Interfacial Reconstruction of a Hexagonal Ferrite/Sapphire Heterostructure. ACS Applied Materials & Interfaces, 2021, 13, 11489-11496.	8.0	2
9	Metastable Ce-terminated (1 1 1) surface of ceria. Applied Surface Science, 2021, 546, 148972.	6.1	7
10	Properties of stress-induced super tetragonal phase in epitaxial BiFeO ₃ thin film. Applied Physics Letters, 2021, 118, 242903.	3.3	0
11	Surface Structures of Mn ₃ O ₄ and the Partition of Oxidation States of Mn. Journal of Physical Chemistry Letters, 2021, 12, 5675-5681.	4.6	9
12	Atomic Structure of the Cu ₂ O(111) Surface: A Transmission Electron Microscopy and DFT Study. Physica Status Solidi (B): Basic Research, 2021, 258, 2100185.	1.5	3
13	Controlling Strain Relaxation by Interface Design in Highly Lattice-Mismatched Heterostructure. Nano Letters, 2021, 21, 6867-6874.	9.1	6
14	Comparative first-principles study of elastic constants of covalent and ionic materials with LDA, GGA, and meta-GGA functionals and the prediction of mechanical hardness. Science China Technological Sciences, 2021, 64, 2755-2761.	4.0	3
15	Atomic structures of twin boundaries in CoO. Physical Chemistry Chemical Physics, 2021, 23, 25590-25596.	2.8	6
16	Structural and spin state transition in the polar NiO(1 1 1) surface. Applied Surface Science, 2020, 532, 147427.	6.1	11
17	Atomic Structure and Properties of SnO ₂ (100) and (101) Surfaces and (301) Steps in the (100) Surface. Journal of Physical Chemistry C, 2020, 124, 27631-27636.	3.1	6
18	Structural distortion and collinear-to-helical magnetism transition in rutile-type FeO . Physical Review B, 2020, 102, .	3.2	1

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19	Surface termination and stoichiometry of LaAlO ₃ (001) surface studied by HRTEM. <i>Micron</i> , 2020, 137, 102919.	2.2	10
20	Flexible Cation Distribution for Stabilizing a Spinel Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16431-16438.	3.1	10
21	Atomic structure and properties of a perovskite/spinel (111) interface. <i>Physical Review B</i> , 2020, 102, .	3.2	6
22	Atomic structures of high Miller index surfaces of NiO. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14164-14171.	5.5	7
23	Rare Earth Single Erbium Atoms for Enhanced Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2020, 132, 10738-10744.	2.0	49
24	Rare Earth Single Erbium Atoms for Enhanced Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10651-10657.	13.8	314
25	Structure and Stability of the (001) Surface of Co ₃ O ₄ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 25790-25795.	3.1	13
26	Three-dimensional open nano-netcage electrocatalysts for efficient pH-universal overall water splitting. <i>Nature Communications</i> , 2019, 10, 4875.	12.8	253
27	PdAg bimetallic electrocatalyst for highly selective reduction of CO ₂ with low COOH* formation energy and facile CO desorption. <i>Nano Research</i> , 2019, 12, 2866-2871.	10.4	61
28	Visualization of Dopant Oxygen Atoms in a Bi ₂ Sr ₂ CaCu ₂ O ₈ Superconductor. <i>Advanced Functional Materials</i> , 2019, 29, 1903843.	14.9	34
29	Prediction of stable high-pressure structures of tantalum nitride TaN ₂ . <i>Journal of Materials Science and Technology</i> , 2019, 35, 2297-2304.	10.7	8
30	Single-atom tailoring of platinum nanocatalysts for high-performance multifunctional electrocatalysis. <i>Nature Catalysis</i> , 2019, 2, 495-503.	34.4	464
31	Nitrogen-coordinated cobalt nanocrystals for oxidative dehydrogenation and hydrogenation of N-heterocycles. <i>Chemical Science</i> , 2019, 10, 5345-5352.	7.4	60
32	Hardening tungsten carbide by alloying elements with high work function. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 994-1002.	1.1	2
33	Effect of Oxygen Interstitial Ordering on Multiple Order Parameters in Rare Earth Ferrite. <i>Physical Review Letters</i> , 2019, 123, 247601.	7.8	13
34	Coherent Topotactic Interface between Corundum and Rutile Structures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 534-540.	3.1	3
35	Tuning defects in oxides at room temperature by lithium reduction. <i>Nature Communications</i> , 2018, 9, 1302.	12.8	428
36	Atomic scale imaging of magnetic circular dichroism by achromatic electron microscopy. <i>Nature Materials</i> , 2018, 17, 221-225.	27.5	60

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37	Atomic Heterointerfaces and Electrical Transportation Properties in Self-Assembled LaNiO ₃ –NiO Heteroepitaxy. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701202.	3.7	7
38	Oxygen adatoms and vacancies on the (110) surface of CeO ₂ . <i>Science China Technological Sciences</i> , 2018, 61, 135-139.	4.0	14
39	Structure stabilization effect of configuration entropy in cubic WN. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29243-29248.	2.8	3
40	Bilayer MoS ₂ quantum dots with tunable magnetism and spin. <i>AIP Advances</i> , 2018, 8, 115103.	1.3	2
41	Single-atomic cobalt sites embedded in hierarchically ordered porous nitrogen-doped carbon as a superior bifunctional electrocatalyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12692-12697.	7.1	325
42	Atomic-scale structure characteristics of antiferroelectric silver niobate. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	8
43	Subsurface reconstruction and saturation of surface bonds. <i>Science Bulletin</i> , 2018, 63, 1570-1575.	9.0	16
44	Roles of Oxygen Vacancy in Improper Ferroelectrics. <i>Microscopy and Microanalysis</i> , 2018, 24, 74-75.	0.4	0
45	Carbon nitride supported Fe ₂ cluster catalysts with superior performance for alkene epoxidation. <i>Nature Communications</i> , 2018, 9, 2353.	12.8	278
46	Strengthening materials by changing the number of valence electrons. <i>Computational Materials Science</i> , 2017, 129, 252-258.	3.0	7
47	Prediction on technetium triboride from first-principles calculations. <i>Solid State Communications</i> , 2017, 252, 40-45.	1.9	20
48	Strain Concentration at the Boundaries in 5-Fold Twins of Diamond and Silicon. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4253-4258.	8.0	19
49	Isolated Single-Atom Pd Sites in Intermetallic Nanostructures: High Catalytic Selectivity for Semihydrogenation of Alkynes. <i>Journal of the American Chemical Society</i> , 2017, 139, 7294-7301.	13.7	354
50	Formation of Hexagonal-Close Packed (HCP) Rhodium as a Size Effect. <i>Journal of the American Chemical Society</i> , 2017, 139, 575-578.	13.7	58
51	Low-energy transmission electron diffraction and imaging of large-area graphene. <i>Science Advances</i> , 2017, 3, e1603231.	10.3	35
52	Atomic Mechanism of Hybridization-Dependent Surface Reconstruction with Tailored Functionality in Hexagonal Multiferroics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27322-27331.	8.0	12
53	Structural stability and the alloying effect of TiB polymorphs in TiAl alloys. <i>Intermetallics</i> , 2017, 90, 97-102.	3.9	35
54	Crystal structure of and displacive phase transition in tungsten nitride WN. <i>Journal of Alloys and Compounds</i> , 2017, 722, 517-524.	5.5	17

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55	Atomic layer reversal on CeO ₂ (100) surface. <i>Science China Materials</i> , 2017, 60, 903-908.	6.3	17
56	A new type of vanadium carbide V ₅ C ₃ and its hardening by tuning Fermi energy. <i>Scientific Reports</i> , 2016, 6, 21794.	3.3	22
57	Competing Interfacial Reconstruction Mechanisms in La _{0.7} Sr _{0.3} MnO ₃ /SrTiO ₃ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24192-24197.	8.0	24
58	Ultrafine jagged platinum nanowires enable ultrahigh mass activity for the oxygen reduction reaction. <i>Science</i> , 2016, 354, 1414-1419.	12.6	1,292
59	Engineering the surface of rutile TiO ₂ nanoparticles with quantum pits towards excellent lithium storage. <i>RSC Advances</i> , 2016, 6, 66197-66203.	3.6	10
60	Core structures of <001> {110} edge dislocations in BaTiO ₃ . <i>AIP Advances</i> , 2015, 5, 077172.	1.3	0
61	Spontaneous orientation-tuning driven by the strain variation in self-assembled ZnO-SrRuO ₃ heteroepitaxy. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	4
62	Direct Observation of Thickness Dependence of Ferroelectricity in Freestanding BaTiO ₃ Thin Film. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2710-2712.	3.8	14
63	Deuterium ion irradiation induced precipitation in Fe-Cr alloy: Characterization and effects on irradiation behavior. <i>Journal of Nuclear Materials</i> , 2015, 459, 81-89.	2.7	6
64	Atomic structure and polarity compensation of BaTiO ₃ (1%1) surface. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 095901.	1.8	2
65	Enhanced stability of the strengthening phase Ni ₂ (Cr,Mo) in Ni-Cr-Mo alloys by adjacent instability. <i>Computational Materials Science</i> , 2015, 109, 111-114.	3.0	3
66	Ultrathin CuO nanorods: controllable synthesis and superior catalytic properties in styrene epoxidation. <i>Chemical Communications</i> , 2015, 51, 8817-8820.	4.1	31
67	Platinum-nickel frame within metal-organic framework fabricated in situ for hydrogen enrichment and molecular sieving. <i>Nature Communications</i> , 2015, 6, 8248.	12.8	184
68	Determination of the incommensurate modulated structure of Bi ₂ Sr _{1.6} La _{0.4} CuO ₆₊ by aberration-corrected transmission electron microscopy. <i>Ultramicroscopy</i> , 2015, 159, 67-72.	1.9	6
69	Kinetic faceting of the low index W surfaces under electrical current. <i>Surface Science</i> , 2014, 625, 10-15.	1.9	7
70	Softest elastic mode governs materials hardness. <i>Science Bulletin</i> , 2014, 59, 1747-1754.	1.7	14
71	Experimental measurements and theoretical calculations of the atomic structure of materials with subangstrom resolution and picometer precision. <i>Science Bulletin</i> , 2014, 59, 1719-1724.	1.7	5
72	Orientation-tuning in self-assembled heterostructures induced by a buffer layer. <i>Nanoscale</i> , 2014, 6, 5126-5131.	5.6	17

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73	Early precipitation of Ni ₂ (Cr,Mo) phase. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 615, 1-6.	5.6	6
74	Sophisticated Construction of Au Islands on Pt-Ni: An Ideal Trimetallic Nanoframe Catalyst. Journal of the American Chemical Society, 2014, 136, 11594-11597.	13.7	216
75	Ultrathin rhodium nanosheets. Nature Communications, 2014, 5, 3093.	12.8	428
76	Evaluation of stacking faults and associated partial dislocations in AlSb/GaAs (001) interface by aberration-corrected high-resolution transmission electron microscopy. AIP Advances, 2014, 4, .	1.3	7
77	Defect-Dominated Shape Recovery of Nanocrystals: A New Strategy for Trimetallic Catalysts. Journal of the American Chemical Society, 2013, 135, 12220-12223.	13.7	96
78	Self-assembled perovskite-spinel heterostructure on a highly distorted substrate. Applied Physics Letters, 2013, 102, .	3.3	11
79	Atomic steps on the MgO(100) surface. Physical Review B, 2013, 87, .	3.2	12
80	Quantitative experimental determination of site-specific magnetic structures by transmitted electrons. Nature Communications, 2013, 4, 1395.	12.8	66
81	Atomic-scale study of topological vortex-like domain pattern in multiferroic hexagonal manganites. Applied Physics Letters, 2013, 103, 032901.	3.3	19
82	One-Pot Protocol for Bimetallic Pt/Cu Hexapod Concave Nanocrystals with Enhanced Electrocatalytic Activity. Scientific Reports, 2013, 3, 1404.	3.3	68
83	Palladium/tin bimetallic single-crystalline hollow nanospheres. Chemical Communications, 2012, 48, 1683-1685.	4.1	20
84	Highly branched Pt-Ni nanocrystals enclosed by stepped surface for methanol oxidation. Chemical Science, 2012, 3, 1925.	7.4	146
85	Lattice Strain Distributions in Individual Dealloyed Pt-Fe Catalyst Nanoparticles. Journal of Physical Chemistry Letters, 2012, 3, 934-938.	4.6	124
86	Subangstrom Profile Imaging of Relaxed ZnO(101̄1..0) Surfaces. Nano Letters, 2012, 12, 704-708.	9.1	25
87	Effect of oxygen stoichiometry in LuFe ₂ O ₄ and its microstructure observed by aberration-corrected transmission electron microscopy. Journal of Physics Condensed Matter, Static and dynamic polar nanoregions in relaxor ferroelectric Ba(Ti)Tl ₂ O ₇ . Overlock 10 Tf 50 167 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>)	1.8	9
88		3.2	73
89	Reversible Wurtzite-Tetragonal Reconstruction in ZnO(100) Surfaces. Angewandte Chemie - International Edition, 2012, 51, 7744-7747.	13.8	41
90	Effective transference numbers and water incorporation in glass-ceramic La(PO ₃) ₃ -Ca(PO ₃) ₂ in oxidizing atmospheres. Solid State Ionics, 2012, 217, 34-39.	2.7	0

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91	Effective object planes for aberration-corrected transmission electron microscopy. <i>Ultramicroscopy</i> , 2012, 112, 15-21.	1.9	10
92	Microscopic model for the ferroelectric field effect in oxide heterostructures. <i>Physical Review B</i> , 2011, 84, .	3.2	51
93	Ultrathin Au–Ag bimetallic nanowires with Coulomb blockade effects. <i>Chemical Communications</i> , 2011, 47, 5160.	4.1	69
94	Influence of Stress and Orientation on Magnetoelectric Coupling of Pb(Zr,Ti)O ₃ -CoFe ₂ O ₄ Bilayer Films. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1060-1066.	3.8	40
95	Dynamic microscopic structures and dielectric response in the cubic-to-tetragonal phase transition for BaTiO ₃ studied by first-principles molecular dynamics simulation. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	5
96	Undulating Slip in Laves Phase and Implications for Deformation in Brittle Materials. <i>Physical Review Letters</i> , 2011, 106, 165505.	7.8	46
97	A Seed-Based Diffusion Route to Monodisperse Intermetallic CuAu Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2917-2921.	13.8	167
98	Addition of ferromagnetic CoFe ₂ O ₄ to YBCO thin films for enhanced flux pinning. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S223-S224.	1.2	17
99	Calculations of single-crystal elastic constants made simple. <i>Computer Physics Communications</i> , 2010, 181, 671-675.	7.5	182
100	Direct Subangstrom Measurement of Surfaces of Oxide Particles. <i>Physical Review Letters</i> , 2010, 105, 226101.	7.8	60
101	Ferroelectric polarization and domain walls in orthorhombic (K _{1-x} Nax)NbO ₃ lead-free ferroelectric ceramics. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	11
102	Multishell Intermetallic Onions by Symmetrical Configuration of Ordered Domains. <i>Physical Review Letters</i> , 2010, 105, 225501.	7.8	4
103	Superconductor–ferromagnet nanocomposites created by co-deposition of niobium and dysprosium. <i>Superconductor Science and Technology</i> , 2009, 22, 075001.	3.5	3
104	A novel controllable synthesis of silica nanotube arrays with ultraviolet photoluminescence. <i>Solid State Sciences</i> , 2009, 11, 1252-1257.	3.2	3
105	Large-area silica nanotubes with controllable geometry on silicon substrates. <i>Applied Surface Science</i> , 2009, 255, 3563-3566.	6.1	11
106	Icosahedral Face-Centered Cubic Fe Nanoparticles: Facile Synthesis and Characterization with Aberration-Corrected TEM. <i>Nano Letters</i> , 2009, 9, 1572-1576.	9.1	80
107	Practical Magnetic Pinning in YBCO. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 3148-3151.	1.7	27
108	Impact of carbon structure and morphology on the electrochemical performance of LiFePO ₄ /C composites. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 995-1001.	2.5	90

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109	Epitaxial growth of Fe ₃ O ₄ (111) on SrTiO ₃ (001) substrates. Journal of Crystal Growth, 2008, 310, 5282-5286.	1.5	19
110	Proton conduction and characterization of an La(PO ₃) ₃ Ca(PO ₃) ₂ glass ceramic. Solid State Ionics, 2008, 178, 1811-1816.	2.7	20
111	Strain control and spontaneous phase ordering in vertical nanocomposite heteroepitaxial thin films. Nature Materials, 2008, 7, 314-320.	27.5	334
112	Spontaneous ordering, strain control and multifunctionality in vertical nanocomposite heteroepitaxial films. , 2008, , .		0
113	Elastic constants and tensile properties of Al ₂ O ₃ by density functional calculations. Physical Review B, 2007, 75, .	3.2	19
114	First-principles calculations of the effect of Pt on NiAl surface energy and the site preference of Pt. Applied Physics Letters, 2007, 91, .	3.3	21
115	Proton-Transfer Mechanism in LaPO ₄ . Journal of Physical Chemistry C, 2007, 111, 11003-11007.	3.1	71
116	Proton transport paths in lanthanum phosphate electrolytes. Solid State Ionics, 2007, 178, 769-773.	2.7	29
117	Synthesis and characterization of mixed-morphology CePO ₄ nanoparticles. Journal of Solid State Chemistry, 2007, 180, 840-846.	2.9	35
118	Crystal Structures of and Displacive Transitions in OsN ₂ , IrN ₂ , RuN ₂ , and RhN ₂ . Angewandte Chemie - International Edition, 2007, 46, 1136-1140.	13.8	116
119	Elastic stability and electronic structure of pyrite type PtN ₂ : A hard semiconductor. Applied Physics Letters, 2006, 88, 051913.	3.3	117
120	A Power-aware and Range-free Localization Algorithm for Sensor Networks. , 2006, , .		5
121	Robust Power-Aware Routing in Wireless Sensor Networks with Special Concern about Localization Error. , 2006, , .		4
122	Structure and interface chemistry of perovskite-spinel nanocomposite thin films. Applied Physics Letters, 2006, 89, 172902.	3.3	122
123	Interstitial oxygen-related defects and current leakage in trench metal-oxide-semiconductor field-effect transistor on epi-As ⁺⁺ structure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2006, 24, 1238-1242.	2.1	1
124	High temperature nitrogen annealing induced interstitial oxygen precipitation in silicon epitaxial layer on heavily arsenic-doped silicon wafer. Applied Physics Letters, 2006, 88, 242112.	3.3	7
125	Thermally Driven Interfacial Dynamics of Metal/Oxide Bilayer Nanoribbons. Small, 2005, 1, 858-865.	10.0	24
126	Family of noble metal nitrides: First principles calculations of the elastic stability. Physical Review B, 2005, 72, .	3.2	81

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127	Topology of charge density and elastic anisotropy of Ti ₃ SiC ₂ polymorphs. Journal of Materials Research, 2005, 20, 1180-1185.	2.6	28
128	Impacts of Back Surface Conditions on the Behavior of Oxygen in Heavily Arsenic Doped Czochralski Silicon Wafers. Materials Research Society Symposia Proceedings, 2005, 864, 9181.	0.1	3
129	Thermal Wetting of Platinum Nanocrystals on Silica Surface. Journal of Physical Chemistry B, 2005, 109, 6940-6943.	2.6	75
130	Platinum nitride with fluorite structure. Applied Physics Letters, 2005, 86, 121913.	3.3	94
131	Effects of Si and Al on twin boundary energy of TiC. Acta Materialia, 2003, 51, 2477-2484.	7.9	79
132	Microstructural study on multilayer [FeTaN/TaN] ₅ films. Materials Letters, 2003, 57, 3904-3909.	2.6	6
133	Stacking faults and grain boundaries of Ti ₃ SiC ₂ . Philosophical Magazine Letters, 2003, 83, 325-331.	1.2	22
134	Reversible Structural Transition in Epitaxial Manganite Film. Physical Review Letters, 2002, 88, 196104.	7.8	16
135	Effect of W on structural stability of TiAl intermetallics and the site preference of W. Physical Review B, 2002, 65, .	3.2	44
136	The effect of doping Ag on the microstructure of La _{2/3} Sr _{1/3} MnO ₃ films. Journal of Materials Research, 2002, 17, 2712-2719.	2.6	5
137	Polymorphism of Ti ₃ SiC ₂ . Journal of Materials Research, 2002, 17, 948-950.	2.6	36
138	B ₂ precipitates and distribution of W in a Ti-47Al-2W-0.5Si alloy. Intermetallics, 2002, 10, 661-665.	3.9	28
139	Si-induced twinning of TiC and formation of Ti ₃ SiC ₂ platelets. Acta Materialia, 2002, 50, 4127-4135.	7.9	72
140	Microstructural characterization of Fe-N thin films. Thin Solid Films, 2002, 411, 225-228.	1.8	17
141	Orientation relationships and interfaces between NiAl and G-phase Ni ₁₆ Hf ₆ Si ₇ . Materials Letters, 2001, 49, 25-28.	2.6	3
142	On the orientation relationship between Ti ₅ Si ₃ precipitates and B ₂ phase in a Ti-47Al-2W-0.5Si alloy. Scripta Materialia, 2001, 44, 911-916.	5.2	22
143	Metal/ceramic interface in an <i>in situ</i> synthesized Ti/TiC _P composite coating by laser processing. Journal of Materials Research, 2001, 16, 9-12.	2.6	7
144	On the orientation relationship between α_2 precipitates and the B ₂ phase in a Ti-47at.%Al-2at.%W-0.5at.%Si alloy. Philosophical Magazine Letters, 2001, 81, 71-76.	1.2	5

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145	Orientation relationship and interfacial structure between β -Ti ₅ Si ₃ precipitates and β -TiAl intermetallics. Acta Materialia, 2000, 48, 3701-3710.	7.9	42
146	Half-Metallic CoO ₂ and Semiconducting NiO ₂ at High Pressures. Physica Status Solidi (B): Basic Research, 0, , 2100233.	1.5	0