

Binghui Ge

List of Publications by Year in descending order

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144
papers

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53794

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147
times ranked

10241
citing authors

#	ARTICLE	IF	CITATIONS
1	Confining Zero-valent Platinum Single Atoms in MoC_{1-x} for pH-Universal Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2022, 32, 2108464.	14.9	43
2	Ultralow lattice thermal conductivity enables high thermoelectric performance in BaAg_2Te_2 alloys. <i>Materials Today Physics</i> , 2022, 22, 100591.	6.0	14
3	Tungsten Nanoparticles Accelerate Polysulfides Conversion: A Viable Route toward Stable Room-temperature Sodium-Sulfur Batteries. <i>Advanced Science</i> , 2022, 9, e2105544.	11.2	18
4	ZnAl_2O_4 Spinel-Supported PdZn_2 Catalyst with Parts per Million Pd for Methanol Steam Reforming. <i>ACS Catalysis</i> , 2022, 12, 2714-2721.	11.2	20
5	$\text{Ti}_3\text{C}_2\text{T}_x$ MXene-Based Flexible Piezoresistive Physical Sensors. <i>ACS Nano</i> , 2022, 16, 1734-1758.	14.6	177
6	Characterization of metal-organic frameworks by transmission electron microscopy. <i>Advances in Physics: X</i> , 2022, 7, .	4.1	3
7	In Situ Investigation of the Phase Transition at the Surface of Thermoelectric PbTe with van der Waals Control. <i>Research</i> , 2022, 2022, 9762401.	5.7	1
8	Visualizing Emergent Magnetic Flux of Antiskyrmions in $\text{Mn}_{1.4}\text{PtSn}$ Magnet. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	5
9	Fast determination of sample thickness through scanning moiré fringes in scanning transmission electron microscopy. <i>Micron</i> , 2022, 155, 103230.	2.2	2
10	Beyond conventional sodium-ion storage mechanisms: a combinational intercalation/conversion reaction mechanism in Ni-ion modified hydrated vanadate for high-rate sodium-ion storage. <i>Energy Storage Materials</i> , 2022, 47, 579-590.	18.0	17
11	Wet-milling synthesis of immobilized Pt/Ir nanoclusters as promising heterogeneous catalysts. <i>Nano Research</i> , 2022, 15, 3065-3072.	10.4	17
12	Triggering electronic coupling between neighboring hetero-diatomic metal sites promotes hydrogen evolution reaction kinetics. <i>Nano Energy</i> , 2022, 98, 107296.	16.0	30
13	Crystal symmetry enables high thermoelectric performance of rhombohedral $\text{GeSe}(\text{MnCdTe}_2)$. <i>Nano Energy</i> , 2022, 100, 107434.	16.0	16
14	Nucleation growth quenching for superior cluster catalysts. <i>Nano Research</i> , 2022, 15, 7933-7939.	10.4	5
15	Phase junction-confined single-atom TiO_2 -Pt-CeO ₂ for multiplying catalytic oxidation efficiency. <i>Catalysis Science and Technology</i> , 2021, 11, 4650-4657.	4.1	3
16	Intrinsically Low Lattice Thermal Conductivity in Natural Superlattice $(\text{Bi}_2\text{Te}_3)_m(\text{Bi}_2\text{Te}_3)_n$ Thermoelectric Materials. <i>Chemistry of Materials</i> , 2021, 33, 1140-1148.	6.7	25
17	In Situ Constructing the Kinetic Roadmap of Octahedral Nanocrystal Assembly Toward Controlled Superlattice Fabrication. <i>Journal of the American Chemical Society</i> , 2021, 143, 4234-4243.	13.7	23
18	Substitutions and dislocations enabled extraordinary n-type thermoelectric PbTe. <i>Materials Today Physics</i> , 2021, 17, 100355.	6.0	44

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19	Manipulation of Defects for High-Performance Thermoelectric PbTe-Based Alloys. <i>Small Structures</i> , 2021, 2, 2100016.	12.0	10
20	Further discussion on the separation of linear and nonlinear components in HRTEM imaging. <i>Micron</i> , 2021, 145, 103054.	2.2	1
21	Constructing Graphitic-Nitrogen-Bonded Pentagons in Interlayer-Expanded Graphene Matrix toward Carbon-Based Electrocatalysts for Acidic Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2021, 33, e2103133.	21.0	47
22	Isomeric Compound Dendrites on a Monolayer WS ₂ Substrate: Morphological Engineering and Formation Mechanism. <i>ACS Applied Nano Materials</i> , 2021, 4, 8408-8416.	5.0	7
23	Monodisperse Molybdenum Nanoparticles as Highly Efficient Electrocatalysts for Li-S Batteries. <i>ACS Nano</i> , 2021, 15, 15047-15056.	14.6	60
24	Rational design for high-yield monolayer WS ₂ films in confined space under fast thermal processing. <i>Nanotechnology</i> , 2021, 32, 505603.	2.6	0
25	Sublattice Short-Range Order and Modified Electronic Structure in Defective Half-Heusler Nb _{0.8} CoSb. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1125-1133.	3.1	13
26	Insight into long-period pattern by depth sectioning using aberration-corrected scanning transmission electron microscope. <i>Ultramicroscopy</i> , 2020, 209, 112885.	1.9	3
27	A review of sample thickness effects on high-resolution transmission electron microscopy imaging. <i>Micron</i> , 2020, 130, 102813.	2.2	13
28	Synthesis and characterization of high-purity SnO ₂ (ZnO:Sn) _m superlattice nanowire arrays with broad-spectrum emissions. <i>CrystEngComm</i> , 2020, 22, 5355-5362.	2.6	6
29	Direct visualization of spatially correlated displacive short-range ordering in Nb _{0.8} CoSb. <i>Nanoscale</i> , 2020, 12, 21624-21628.	5.6	8
30	Revealing the origin of dislocations in Pb _{1-x} Sb _{2x/3} Se (0 < x < 0.07). <i>Nanoscale</i> , 2020, 12, 19165-19169.	5.6	3
31	Wafer-scale metal chalcogenide thin films via an ion exchange approach. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14393-14401.	5.5	3
32	Visualizing Tailored Spin Phenomena in a Reduced-Dimensional Topological Superlattice. <i>Advanced Materials</i> , 2020, 32, e2005315.	21.0	11
33	Thermoelectric Enhancements in PbTe Alloys Due to Dislocation-Induced Strains and Converged Bands. <i>Advanced Science</i> , 2020, 7, 1902628.	11.2	78
34	Frequency switchable correlated transports in perovskite rare-earth nickelates. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13630-13637.	10.3	7
35	Overlooked Transportation Anisotropies in d-Band Correlated Rare-Earth Perovskite Nickelates. <i>Matter</i> , 2020, 2, 1296-1306.	10.0	16
36	Na-doping enables both dislocations and holes in EuMg ₂ Sb ₂ for thermoelectric enhancements. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8345-8351.	10.3	20

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37	Cu Interstitials Enable Carriers and Dislocations for Thermoelectric Enhancements in n-PbTe _{0.75} Se _{0.25} . <i>Chem</i> , 2020, 6, 523-537.	11.7	69
38	Electronic and lattice structure of CaFe _{1-x} CoxAsF probed by x-ray absorption spectroscopy. <i>Materials Research Express</i> , 2020, 7, 016001.	1.6	2
39	Atomic species derived CoOx clusters on nitrogen doped mesoporous carbon as advanced bifunctional electro-catalysts for Zn-air battery. <i>Energy Storage Materials</i> , 2020, 29, 156-162.	18.0	62
40	Exploration of the bond angle and charge carrier density by rare-earth doping in $\text{Sr}_{2-x}\text{La}_x\text{MnO}_{7-\delta}$. <i>Physical Review Materials</i> , 2020, 4, .	24.7	17
41	A Unique Ru-N ₄ -P Coordinated Structure Synergistically Waking Up the Nonmetal P Active Site for Hydrogen Production. <i>Research</i> , 2020, 2020, 5860712.	5.7	12
42	Manipulation of Band Degeneracy and Lattice Strain for Extraordinary PbTe Thermoelectrics. <i>Research</i> , 2020, 2020, 8151059.	5.7	23
43	A versatile route to fabricate single atom catalysts with high chemoselectivity and regioselectivity in hydrogenation. <i>Nature Communications</i> , 2019, 10, 3663.	12.8	270
44	Ice as Solid Electrolyte To Conduct Various Kinds of Ions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12569-12573.	13.8	54
45	Ice as Solid Electrolyte To Conduct Various Kinds of Ions. <i>Angewandte Chemie</i> , 2019, 131, 12699-12703.	2.0	10
46	Pure Siliceous Zeolite-Supported Ru Single-Atom Active Sites for Ammonia Synthesis. <i>Chemistry of Materials</i> , 2019, 31, 9413-9421.	6.7	83
47	Direct immobilization of an atomically dispersed Pt catalyst by suppressing heterogeneous nucleation at $\sim 40^\circ\text{C}$. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25779-25784.	10.3	61
48	Overcoming synthetic metastabilities and revealing metal-to-insulator transition & thermistor bi-functionalities for d-band correlation perovskite nickelates. <i>Materials Horizons</i> , 2019, 6, 788-795.	12.2	44
49	$\sim 60^\circ\text{C}$ solution synthesis of atomically dispersed cobalt electrocatalyst with superior performance. <i>Nature Communications</i> , 2019, 10, 606.	12.8	121
50	Ultralow-temperature photochemical synthesis of atomically dispersed Pt catalysts for the hydrogen evolution reaction. <i>Chemical Science</i> , 2019, 10, 2830-2836.	7.4	82
51	Atomically dispersed platinum supported on curved carbon supports for efficient electrocatalytic hydrogen evolution. <i>Nature Energy</i> , 2019, 4, 512-518.	39.5	756
52	Delta-temperatural electronic transportation achieved in metastable perovskite rare-earth nickelate thin films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8101-8108.	5.5	6
53	Charge-Transfer-Induced Photoluminescence Properties of WSe ₂ Monolayer/Bilayer Heterojunction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20566-20573.	8.0	15
54	Short-range order in defective half-Heusler thermoelectric crystals. <i>Energy and Environmental Science</i> , 2019, 12, 1568-1574.	30.8	86

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55	Lattice Strain Advances Thermoelectrics. <i>Joule</i> , 2019, 3, 1276-1288.	24.0	333
56	Revealing the role of lattice distortions in the hydrogen-induced metal-insulator transition of SmNiO ₃ . <i>Nature Communications</i> , 2019, 10, 694.	12.8	46
57	Single-Atom Electroplating on Two Dimensional Materials. <i>Chemistry of Materials</i> , 2019, 31, 429-435.	6.7	55
58	Boosting the Electrocatalytic Water Oxidation Performance of CoFe ₂ O ₄ Nanoparticles by Surface Defect Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3978-3983.	8.0	76
59	Artificial Second-Order Nonlinear Optics in a Centrosymmetric Optical Material BiVO ₄ : Breaking the Prerequisite for Nonlinear Optical Materials. <i>ACS Omega</i> , 2019, 4, 1045-1052.	3.5	6
60	Surface Engineering of Perovskite Oxide for Bifunctional Oxygen Electrocatalysis. <i>Small Methods</i> , 2019, 3, 1800279.	8.6	47
61	Innenrücktitelbild: Ice Melting to Release Reactants in Solution Syntheses (<i>Angew. Chem.</i> 13/2018). <i>Angewandte Chemie</i> , 2018, 130, 3579-3579.	2.0	1
62	Tuning defects in oxides at room temperature by lithium reduction. <i>Nature Communications</i> , 2018, 9, 1302.	12.8	428
63	Microscopic study of thermoelectric In-doped SnTe. <i>Nanotechnology</i> , 2018, 29, 26LT01.	2.6	11
64	Crystal-plane effects of MFI zeolite in catalytic conversion of methanol to hydrocarbons. <i>Journal of Catalysis</i> , 2018, 360, 89-96.	6.2	58
65	Ice Melting to Release Reactants in Solution Syntheses. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3354-3359.	13.8	36
66	Ice Melting to Release Reactants in Solution Syntheses. <i>Angewandte Chemie</i> , 2018, 130, 3412-3417.	2.0	15
67	<i>In situ</i> growth of ZnO/SnO ₂ (ZnO:Sn) _m binary/superlattice heterojunction nanowire arrays. <i>CrystEngComm</i> , 2018, 20, 556-562.	2.6	12
68	Significant Role of Mg Stoichiometry in Designing High Thermoelectric Performance for Mg ₃ (Sb,Bi) ₂ -Based n-Type Zintl. <i>Journal of the American Chemical Society</i> , 2018, 140, 1910-1915.	13.7	125
69	Boosting the thermoelectric performance of PbSe through dynamic doping and hierarchical phonon scattering. <i>Energy and Environmental Science</i> , 2018, 11, 1848-1858.	30.8	163
70	Synergistic effect of an atomically dual-metal doped catalyst for highly efficient oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6840-6846.	10.3	113
71	Self-compensation induced vacancies for significant phonon scattering in InSb. <i>Nano Energy</i> , 2018, 48, 189-196.	16.0	30
72	In situ trapped high-density single metal atoms within graphene: Iron-containing hybrids as representatives for efficient oxygen reduction. <i>Nano Research</i> , 2018, 11, 2217-2228.	10.4	108

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73	High-metallic-phase-concentration Mo _{1-x} W _x S ₂ nanosheets with expanded interlayers as efficient electrocatalysts. Nano Research, 2018, 11, 1687-1698.	10.4	37
74	Ultrathin two-dimensional metals with fully exposed (111) facets. Chemical Communications, 2018, 54, 160-163.	4.1	17
75	Scanning Transmission Electron Microscopy (STEM). Springer Tracts in Modern Physics, 2018, , 205-254.	0.1	1
76	Atomic-level structure engineering of metal oxides for high-rate oxygen intercalation pseudocapacitance. Science Advances, 2018, 4, eaau6261.	10.3	164
77	Direct observation of incommensurate charge-density wave in overdoped manganites. Materials Today Physics, 2018, 5, 7-11.	6.0	10
78	Atomic Cobalt Covalently Engineered Interlayers for Superior Lithium-ion Storage. Advanced Materials, 2018, 30, e1802525.	21.0	187
79	Roles of Oxygen Vacancy in Improper Ferroelectrics. Microscopy and Microanalysis, 2018, 24, 74-75.	0.4	0
80	Promoting SnTe as an Eco-friendly Solution for p-type PbTe Thermoelectric via Band Convergence and Interstitial Defects. Advanced Materials, 2017, 29, 1605887.	21.0	317
81	Lattice Dislocations Enhancing Thermoelectric PbTe in Addition to Band Convergence. Advanced Materials, 2017, 29, 1606768.	21.0	365
82	Filling fraction of Yb in CoSb ₃ Skutterudite studied by electron microscopy. Applied Physics Letters, 2017, 110, .	3.3	7
83	Scalable Synthesis of 2D Si Nanosheets. Advanced Materials, 2017, 29, 1701777.	21.0	77
84	Elucidating the Copper-Induced Iron Carbide Synergistic Interactions for Selective CO Hydrogenation to Higher Alcohols. ACS Catalysis, 2017, 7, 5500-5512.	11.2	82
85	Defect-Laden MoSe ₂ Quantum Dots Made by Turbulent Shear Mixing as Enhanced Electrocatalysts. Small, 2017, 13, 1700565.	10.0	31
86	Ultrahigh Thermoelectric Performance in SrNb _{0.2} Ti _{0.8} O ₃ Oxide Films at a Submicrometer-Scale Thickness. ACS Energy Letters, 2017, 2, 915-921.	17.4	21
87	Vacancy-induced dislocations within grains for high-performance PbSe thermoelectrics. Nature Communications, 2017, 8, 13828.	12.8	360
88	Phonon scattering by nanoscale twin boundaries. Nano Energy, 2017, 32, 174-179.	16.0	77
89	High Thermoelectric Performance of New Rhombohedral Phase of GeSe stabilized through Alloying with AgSbSe ₂ . Angewandte Chemie, 2017, 129, 14301-14306.	2.0	19
90	Restraining the Band Fluctuation of CBD-Zn(O,S) Layer: Modifying the Heterojunction Interface for High Performance Cu ₂ ZnSnSe ₄ Solar Cells With Cd-Free Buffer Layer. Solar Rrl, 2017, 1, 1700075.	5.8	29

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91	High Thermoelectric Performance of New Rhombohedral Phase of GeSe stabilized through Alloying with AgSbSe ₂ . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14113-14118.	13.8	68
92	Effect of the degree of dispersion of Pt over MgAl ₂ O ₄ on the catalytic hydrogenation of benzaldehyde. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1613-1620.	14.0	20
93	Ultrahigh thermoelectric performance in Cu ₂ Se _{0.5} S _{0.5} liquid-like materials. <i>Materials Today Physics</i> , 2017, 1, 14-23.	6.0	130
94	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
95	Tuning the Selectivity of Catalytic Carbon Dioxide Hydrogenation over Iridium/Cerium Oxide Catalysts with a Strong Metal-Support Interaction. <i>Angewandte Chemie</i> , 2017, 129, 10901-10905.	2.0	83
96	Tuning the Selectivity of Catalytic Carbon Dioxide Hydrogenation over Iridium/Cerium Oxide Catalysts with a Strong Metal-Support Interaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10761-10765.	13.8	384
97	General Strategy for Two-Dimensional Transition Metal Dichalcogenides by Ion Exchange. <i>Chemistry of Materials</i> , 2017, 29, 10019-10026.	6.7	18
98	Iced photochemical reduction to synthesize atomically dispersed metals by suppressing nanocrystal growth. <i>Nature Communications</i> , 2017, 8, 1490.	12.8	322
99	Active {010} facet-exposed Cu ₂ MoS ₄ nanotube as high-efficiency photocatalyst. <i>Nano Research</i> , 2017, 10, 3817-3825.	10.4	22
100	Study of microstructure of nickel-based superalloys at high temperatures. <i>Scripta Materialia</i> , 2017, 126, 55-57.	5.2	45
101	Applicability of non-linear imaging in high-resolution transmission electron microscopy. <i>Journal of Electron Microscopy</i> , 2017, 66, 406-413.	0.9	4
102	Improved thermoelectric performance in p-type Bi _{0.48} Sb _{1.52} Te ₃ bulk material by adding MnSb ₂ Se ₄ . <i>Chinese Physics B</i> , 2017, 26, 017202.	1.4	8
103	Thermoelectric performance enhancement of Mg ₂ Sn based solid solutions by band convergence and phonon scattering via Pb and Si/Ge substitution for Sn. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20726-20737.	2.8	30
104	Short-range ordering of heavy-element columns in nickel-based superalloys. <i>Philosophical Magazine Letters</i> , 2016, 96, 432-439.	1.2	1
105	STEM image simulation with hybrid CPU/GPU programming. <i>Ultramicroscopy</i> , 2016, 166, 1-8.	1.9	8
106	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
107	Epitaxy of Ultrathin SnSe Single Crystals on Polydimethylsiloxane: In-Plane Electrical Anisotropy and Gate-Tunable Thermopower. <i>Advanced Electronic Materials</i> , 2016, 2, 1600292.	5.1	31
108	Low Sound Velocity Contributing to the High Thermoelectric Performance of Ag ₈ SnSe ₆ . <i>Advanced Science</i> , 2016, 3, 1600196.	11.2	215

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109	Synthesis of NiMo catalysts supported on mesoporous Al ₂ O ₃ with different crystal forms and superior catalytic performance for the hydrodesulfurization of dibenzothiophene and 4,6-dimethyldibenzothiophene. <i>Journal of Catalysis</i> , 2016, 344, 680-691.	6.2	111
110	In situ TEM probing of crystallization form-dependent sodiation behavior in ZnO nanowires for sodium-ion batteries. <i>Nano Energy</i> , 2016, 30, 771-779.	16.0	57
111	Investigation of non-linear imaging in high-resolution transmission electron microscopy. <i>Microscopy (Oxford, England)</i> , 2016, 65, 465-472.	1.5	4
112	Interstitial Point Defect Scattering Contributing to High Thermoelectric Performance in SnTe. <i>Advanced Electronic Materials</i> , 2016, 2, 1600019.	5.1	235
113	Investigations of atomic configurations of 60° basal dislocations in wurtzite GaN film by high-resolution transmission electron microscopy. <i>Philosophical Magazine Letters</i> , 2016, 96, 148-156.	1.2	4
114	In situ TEM visualization of superior nanomechanical flexibility of shear-exfoliated phosphorene. <i>Nanoscale</i> , 2016, 8, 13603-13610.	5.6	23
115	Scalable shear-exfoliation of high-quality phosphorene nanoflakes with reliable electrochemical cycleability in nano batteries. <i>2D Materials</i> , 2016, 3, 025005.	4.4	66
116	Role of Ru Oxidation Degree for Catalytic Activity in Bimetallic Pt/Ru Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6569-6576.	3.1	25
117	Visualizing the Electrochemical Lithiation/Delithiation Behaviors of Black Phosphorus by <i>in Situ</i> Transmission Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5861-5868.	3.1	65
118	Tellurium as a high-performance elemental thermoelectric. <i>Nature Communications</i> , 2016, 7, 10287.	12.8	369
119	Atom-Thin SnS ₂ with Adjustable Compositions by Direct Liquid Exfoliation from Single Crystals. <i>ACS Nano</i> , 2016, 10, 755-762.	14.6	39
120	Band and scattering tuning for high performance thermoelectric Sn _{1-x} MnxTe alloys. <i>Journal of Materiomics</i> , 2015, 1, 307-315.	5.7	193
121	Mapping Valence Electron Distribution of Iron-Based Superconductors using Quantitative CBED and Precession Electron Diffraction. <i>Microscopy and Microanalysis</i> , 2015, 21, 1099-1100.	0.4	0
122	Direct observation of interlocked domain walls and topological four-state vortex-like domain patterns in multiferroic YMnO ₃ single crystal. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	10
123	Atomic resolution imaging of oxygen atoms close to heavy atoms by HRTEM and ED, using the superconductor SmFeAsO _{0.85} F _{0.15} as an example. <i>Micron</i> , 2015, 71, 32-38.	2.2	2
124	Preparation and properties of functionalized graphene/waterborne polyurethane composites with highly hydrophobic. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7
125	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
126	Interfaces in La _{1.89} Ce _{0.11} CuO ₄ /Ba _{0.5} Sr _{0.5} TiO ₃ /La _{0.88} Sr _{0.12} MnO ₃ heterostructures on (001) SrTiO ₃ substrates. <i>Philosophical Magazine Letters</i> , 2014, 94, 205-210.	1.2	0

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127	A study of one-dimensional incommensurate modulated structure determination in high-resolution transmission electron microscopy. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, 563-571.	0.1	3
128	Solution-processed anchoring zinc oxide quantum dots on covalently modified graphene oxide. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
129	A New Ferroelectric Phase of YMnO_3 Induced by Oxygen Vacancy Ordering. Journal of the American Ceramic Society, 2014, 97, 1264-1268.	3.8	10
130	Study of Point Spread in the Aberration-Corrected Transmission Electron Microscopy. Microscopy and Microanalysis, 2014, 20, 1447-1452.	0.4	5
131	Determining polarity and dislocation core structures at atomic level for epitaxial $\text{AlN}/(0001)\text{-6H-SiC}$ from a single image in HRTEM. Ultramicroscopy, 2013, 126, 77-84.	1.9	9
132	Catalyst-free growth of nanocrystalline graphene/graphite patterns from photoresist. Chemical Communications, 2013, 49, 2789.	4.1	24
133	Three-Dimensional Hierarchical Architectures Constructed by Graphene/ MoS_2 Nanoflake Arrays and Their Rapid Charging/Discharging Properties as Lithium-Ion Battery Anodes. Chemistry - A European Journal, 2013, 19, 5818-5823.	3.3	141
134	Study of Γ_3/Γ_2 interfacial width in a nickel-based superalloy by scanning transmission electron microscopy. Philosophical Magazine Letters, 2012, 92, 541-546.	1.2	15
135	Study of Γ_3/Γ_2 Interfaces in Nickel-Based, Single-Crystal Superalloys by Scanning Transmission Electron Microscopy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 548-552.	2.2	20
136	Distribution of rhenium in a single crystal nickel-based superalloy. Scripta Materialia, 2010, 63, 969-972.	5.2	67
137	$\text{ZnS}/\text{Zn}_2\text{SnO}_4$ biaxial nanowire heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1435-1440.	2.7	7
138	Characterization of a-plane InN film grown on r-plane sapphire by MOCVD. Journal of Crystal Growth, 2008, 310, 3726-3729.	1.5	20
139	Near ultraviolet InGaN/GaN MQWs grown on maskless periodically grooved sapphire substrates fabricated by wet chemical etching. Journal of Alloys and Compounds, 2007, 428, 312-315.	5.5	9
140	Growth, conductivity and periodic poled structure of doped KTiOPO_4 and its analogue crystals. Optical Materials, 2006, 28, 355-359.	3.6	9
141	Growth, conductivity and generation of blue coherent laser of cesium doped KTiOPO_4 crystals. Journal of Crystal Growth, 2004, 267, 517-521.	1.5	8
142	A dynamical Lie algebraic treatment for the optical nonlinearity of disubstituted benzenes. Chemical Physics, 2003, 287, 21-32.	1.9	0
143	Enhancement of Interfacial Polarization in BaTiO_3 Thin Films via Oxygen Inhomogeneity. Advanced Electronic Materials, 0, , 2100876.	5.1	4
144	Novel $\text{SnO}_2(\text{ZnO}:\text{Sn})_m$ superlattice nanoparticles for ultra-low ppb-level H_2S detection. CrystEngComm, 0, , .	2.6	0