

Li Huang

List of Publications by Year in descending order

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143
papers

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57631

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times ranked

8693
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile approach to prepare FeP2/P/C nanofiber heterostructure via electrospinning as highly performance self-supporting anode for Li/Na ion batteries. <i>Electrochimica Acta</i> , 2022, 403, 139682.	2.6	10
2	Failure mechanism of solid-state electrolyte $\text{Li}_{10}\text{Ge}_2\text{S}_{12}$ in a moist atmosphere: a first-principles study. <i>Materials Advances</i> , 2022, 3, 3143-3150.	2.6	7
3	Observation of an Incommensurate Charge Density Wave in Monolayer TiSe_2 . <i>Physical Review Letters</i> , 2022, 128, 026401.	2.8	9
4	Scalable Van der Waals Encapsulation by Inorganic Molecular Crystals. <i>Advanced Materials</i> , 2022, 34, e2106041.	11.1	18
5	Strain-induced light emission enhancement in CsPbBr_3 microwires. <i>Journal of Materials Science</i> , 2022, 57, 5061-5071.	1.7	3
6	Construction and physical properties of low-dimensional structures for nanoscale electronic devices. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 9082-9117.	1.3	3
7	Scalable Van der Waals Encapsulation by Inorganic Molecular Crystals (Adv. Mater. 7/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	0
8	Surface Defect Modulation with Intercalation Ion Doping Vanadium Oxide to Enhance Zinc Storage Performance. <i>Energy & Fuels</i> , 2022, 36, 2872-2879.	2.5	2
9	Reversible motions and disordered structure of soft particles in amorphous solids. <i>Physical Review B</i> , 2022, 105, .	1.1	0
10	Single-element amorphous palladium nanoparticles formed via phase separation. <i>Nano Research</i> , 2022, 15, 5575-5580.	5.8	5
11	Line defects in monolayer TiSe_2 with adsorption of Pt atoms potentially enable excellent catalytic activity. <i>Nano Research</i> , 2022, 15, 4687-4692.	5.8	9
12	Synthesis of Single-Layer Two-Dimensional Metal-Organic Frameworks $\text{M}_3(\text{HAT})_2$ (M=Ni, Fe, Co, HAT=1,4,5,8,9,12-hexaazatriphenylene) Using an On-Surface Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	6
13	Observation of Ultrastrong Coupling between Substrate and the Magnetic Topological Insulator MnBi_2Te_4 . <i>Nano Letters</i> , 2022, 22, 3856-3864.	4.5	6
14	Intrinsically patterned corrals in monolayer Ag_5Se_2 and selective molecular co-adsorption. <i>Nano Research</i> , 2022, 15, 6730-6735.	5.8	3
15	Synthesis of Single-Layer Two-Dimensional Metal-Organic Frameworks $\text{M}_3(\text{HAT})_2$ (M=Ni, Fe, Co, HAT=1,4,5,8,9,12-hexaazatriphenylene) Using an On-Surface Reaction. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
16	Improper multiferroiclike transition in a metal. <i>Physical Review B</i> , 2022, 105, .	1.1	4
17	Two-dimensional Monolayers and van der Waals Heterostructures: Promising Spintronic Properties and Band Alignments. <i>Physical Review Materials</i> , 2022, 6, .	0.9	15
18	Spin Hall effect in two-dimensional InSe : Interplay between Rashba and Dresselhaus spin-orbit couplings. <i>Physical Review B</i> , 2022, 105, .	1.1	4

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19	Magnetism of elemental two-dimensional metals. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4554-4561.	2.7	15
20	Prediction of massless Dirac fermions in a carbon nitride covalent network. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	6
21	Probing Mechanistic Insights into Highly Efficient Lithium Storage of C ₆₀ Fullerene Enabled via Three-Electron-Redox Chemistry. <i>Advanced Science</i> , 2021, 8, e2101759.	5.6	10
22	Mo-edge reconstructions in $S\text{Mo}_2\text{Se}$ and $S\text{Mo}_2\text{S}$. <i>Physical Review B</i> , 2021, 104, .		6
23	Reexamination of the mechanism. <i>Physical Review B</i> , 2021, 104, . NBN-Doped <i>Bis</i> -Tetracene and <i>Peri</i> -Tetracene: Synthesis and Characterization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26115-26121.	7.2	29
24	Ion storage mechanism of $\hat{\Gamma}$ -MnO ₂ as supercapacitor cathode in multi-ion aqueous electrolyte: Experimental and theoretical analysis. <i>Applied Physics Letters</i> , 2021, 119, 163901.	1.5	7
25	Two distinct superconducting states controlled by orientations of local wrinkles in LiFeAs. <i>Nature Communications</i> , 2021, 12, 6312.	5.8	16
26	Direct growth of wafer-scale highly oriented graphene on sapphire. <i>Science Advances</i> , 2021, 7, eabk0115.	4.7	43
27	Enhanced Electrochemical Performance in Aluminium Doped $\hat{\Gamma}$ -MnO ₂ Supercapacitor Cathode: Experimental and Theoretical Investigations. <i>Chemical Communications</i> , 2021, , .	2.2	12
28	Interlayer Quasi-Bonding Interactions in 2D Layered Materials: A Classification According to the Occupancy of Involved Energy Bands. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11998-12004.	2.1	10
29	A wafer-scale van der Waals dielectric made from an inorganic molecular crystal film. <i>Nature Electronics</i> , 2021, 4, 906-913.	13.1	86
30	Co single-atom anchored on Co ₃ O ₄ and nitrogen-doped active carbon toward bifunctional catalyst for zinc-air batteries. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118188.	10.8	163
31	Atomic-Level Fe-N-C Coupled with Fe ₃ C-Fe Nanocomposites in Carbon Matrixes as High-Efficiency Bifunctional Oxygen Catalysts. <i>Small</i> , 2020, 16, e1906057.	5.2	90
32	Low-index surface energies, cleavage energies, and surface relaxations for crystalline NiAl from first-principles calculations. <i>Surface Science</i> , 2020, 695, 121532.	0.8	16
33	On-surface Synthesis of a Semiconducting 2D Metal-Organic Framework Cu ₃ (C ₆ O ₆) Exhibiting Dispersive Electronic Bands. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2669-2673.	7.2	42
34	Magnetic Order-Induced Polarization Anomaly of Raman Scattering in 2D Magnet CrI ₃ . <i>Nano Letters</i> , 2020, 20, 729-734.	4.5	52
35	Orbital-fluctuation freezing and magnetic-nonmagnetic phase transition in $\hat{\Gamma}$ -TiBr ₃ . <i>Applied Physics Letters</i> , 2020, 117, 133103.	1.5	6
36	Local Structural Changes and Inductive Effects on Ion Conduction in Antiperovskite Solid Electrolytes. <i>Chemistry of Materials</i> , 2020, 32, 8827-8835.	3.2	19

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37	Dual redox-active copper hexacyanoferrate nanosheets as cathode materials for advanced sodium-ion batteries. <i>Energy Storage Materials</i> , 2020, 33, 432-441.	9.5	43
38	Probing the Ferromagnetism and Spin Wave Gap in VI_3 by Helicity-Resolved Raman Spectroscopy. <i>Nano Letters</i> , 2020, 20, 6024-6031.	4.5	32
39	Design and Synthesis of a Single-Layer Ferromagnetic Metal-Organic Framework with Topological Nontrivial Gaps. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27017-27023.	1.5	22
40	Thermodynamic Preference for Atom Adsorption on versus Intercalation into Multilayer Graphene. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9725-9730.	2.1	21
41	Insulating SiO_2 under Centimeter-Scale, Single-Crystal Graphene Enables Electronic-Device Fabrication. <i>Nano Letters</i> , 2020, 20, 8584-8591.	4.5	19
42	Collective Spin Manipulation in Antiferroelastic Spin-Crossover Metallo-Supramolecular Chains. <i>ACS Nano</i> , 2020, 14, 11283-11293.	7.3	24
43	Sulphur modulated Ni_3FeN supported on N/S co-doped graphene boosts rechargeable/flexible Zn-air battery performance. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119086.	10.8	73
44	Force-Activated Isomerization of a Single Molecule. <i>Journal of the American Chemical Society</i> , 2020, 142, 10673-10680.	6.6	16
45	Unveiling the medium-range order in glass models and its role in glass formation. <i>Physical Review B</i> , 2020, 101, .	1.1	5
46	Sizable Band Gap in Epitaxial Bilayer Graphene Induced by Silicene Intercalation. <i>Nano Letters</i> , 2020, 20, 2674-2680.	4.5	23
47	On-Surface Synthesis of NBN-Doped Zigzag-Edged Graphene Nanoribbons. <i>Angewandte Chemie</i> , 2020, 132, 8958-8964.	1.6	20
48	On-Surface Synthesis of NBN-Doped Zigzag-Edged Graphene Nanoribbons. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8873-8879.	7.2	61
49	Direct atomic scale characterization of the surface structure and planar defects in the organic-inorganic hybrid $CH_3NH_3PbI_3$ by Cryo-TEM. <i>Nano Energy</i> , 2020, 73, 104820.	8.2	35
50	Quantitative Analysis of Cation Selectivity of the Electrodes in Multi-ion Electrolytes Based on 2H-Phase MoS_2 . <i>Journal of Physical Chemistry C</i> , 2020, 124, 9665-9672.	1.5	3
51	Spin-valley Hall phenomena driven by Van Hove singularities in blistered graphene. <i>Npj Computational Materials</i> , 2020, 6, .	3.5	4
52	The Electronic Transport Channel Protection and Tuning in Real Space to Boost the Thermoelectric Performance of $Mg_{3+}Sb_{2-}Bi_y$ near Room Temperature. <i>Research</i> , 2020, 2020, 1672051.	2.8	29
53	Spin-Orbit Torque Switching of a Nearly Compensated Ferrimagnet by Topological Surface States. <i>Advanced Materials</i> , 2019, 31, e1901681.	11.1	81
54	Dopant-Free Hole Transporting Molecules for Highly Efficient Perovskite Photovoltaic with Strong Interfacial Interaction. <i>Solar Rrl</i> , 2019, 3, 1900319.	3.1	20

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55	Raman spectra and dimensional effect on the charge density wave transition in GdTe ₃ . Applied Physics Letters, 2019, 115, .	1.5	15
56	Unusual lattice thermal conductivity in the simple crystalline compounds Te_2X . Physical Review B, 2019, 100, .	1.6	16
57	Magnetism and Optical Anisotropy in van der Waals Antiferromagnetic Insulator CrOCl. ACS Nano, 2019, 13, 11353-11362.	7.3	97
58	Synthesis and characterization of a single-layer conjugated metal-organic structure featuring a non-trivial topological gap. Nanoscale, 2019, 11, 878-881.	2.8	37
59	Thermoelectrics: Mg ₃ TeSb ₂ Bi ₂ Family: A Promising Substitute for the State-of-the-Art n-Type Thermoelectric Materials near Room Temperature (Adv. Funct. Mater. 4/2019). Advanced Functional Materials, 2019, 29, 1970020.	7.8	2
60	Controlling the Polarity of the Molecular Beam Epitaxy Grown In-Bi Atomic Film on the Si(111) Surface. Scientific Reports, 2019, 9, 756.	1.6	6
61	Perovskite Solar Cells: Alkali Chlorides for the Suppression of the Interfacial Recombination in Inverted Planar Perovskite Solar Cells (Adv. Energy Mater. 19/2019). Advanced Energy Materials, 2019, 9, 1970068.	10.2	28
62	Interaction of two symmetric monovacancy defects in graphene. Chinese Physics B, 2019, 28, 046801.	0.7	2
63	Pressure-Controlled Structural Symmetry Transition in Layered InSe. Laser and Photonics Reviews, 2019, 13, 1900012.	4.4	13
64	Thermally activated magnetization back-hopping based true random number generator in nano-ring magnetic tunnel junctions. Applied Physics Letters, 2019, 114, .	1.5	6
65	Alkali Chlorides for the Suppression of the Interfacial Recombination in Inverted Planar Perovskite Solar Cells. Advanced Energy Materials, 2019, 9, 1803872.	10.2	236
66	Theoretical Prediction of Chiral 3D Hybrid Organic-Inorganic Perovskites. Advanced Materials, 2019, 31, e1807628.	11.1	64
67	Spontaneous Formation of 1D Pattern in Monolayer VSe ₂ with Dispersive Adsorption of Pt Atoms for HER Catalysis. Nano Letters, 2019, 19, 4897-4903.	4.5	42
68	Room-Temperature Spin-Orbit Torque from Topological Surface States. Physical Review Letters, 2019, 123, 207205.	2.9	129
69	Synthesis of low-symmetry 2D Ge _(1-x) Sn _x Se ₂ alloy flakes with anisotropic optical response and birefringence. Nanoscale, 2019, 11, 23116-23125.	2.8	9
70	Highly Sensitive Polarization Photodetection Using a Pseudo-One-Dimensional NbTiS ₃ Alloy. ACS Applied Materials & Interfaces, 2019, 11, 3342-3350.	4.0	35
71	Mg ₃ TeSb ₂ Bi ₂ Family: A Promising Substitute for the State-of-the-Art n-Type Thermoelectric Materials near Room Temperature. Advanced Functional Materials, 2019, 29, 1807235.	7.8	98
72	Structure Distortion Induced Monoclinic Nickel Hexacyanoferrate as High-Performance Cathode for Na-Ion Batteries. Advanced Energy Materials, 2019, 9, 1803158.	10.2	93

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73	Structure engineering: extending the length of azaacene derivatives through quinone bridges. Journal of Materials Chemistry C, 2018, 6, 3628-3633.	2.7	10
74	Highly In-Plane Optical and Electrical Anisotropy of 2D Germanium Arsenide. Advanced Functional Materials, 2018, 28, 1707379.	7.8	121
75	Synergistic Effects of C ₁ /s-MoC and Ag for Efficient Oxygen Reduction Reaction. Journal of Physical Chemistry Letters, 2018, 9, 779-784.	2.1	33
76	Approaching the lithium-manganese oxides' energy storage limit with Li ₂ MnO ₃ nanorods for high-performance supercapacitor. Nano Energy, 2018, 43, 168-176.	8.2	128
77	Molecule-Doped Nickel Oxide: Verified Charge Transfer and Planar Inverted Mixed Cation Perovskite Solar Cell. Advanced Materials, 2018, 30, e1800515.	11.1	287
78	Polymer-Assisted Single Crystal Engineering of Organic Semiconductors To Alter Electron Transport. ACS Applied Materials & Interfaces, 2018, 10, 11837-11842.	4.0	15
79	Highly-anisotropic optical and electrical properties in layered SnSe. Nano Research, 2018, 11, 554-564.	5.8	114
80	Prediction of two-dimensional organic topological insulator in metal-DCB lattices. Applied Physics Letters, 2018, 113, .	1.5	12
81	Growth of a predicted two-dimensional topological insulator based on InBi-Si(111)- $\sqrt{7} \times \sqrt{7}$ Å ⁻¹ . Physical Review B, 2018, 98, .	1.2	12
82	3D charge and 2D phonon transports leading to high out-of-plane <i>ZT</i> in n-type SnSe crystals. Science, 2018, 360, 778-783.	6.0	859
83	Field-Free Programmable Spin Logics via Chirality-Reversible Spin-Orbit Torque Switching. Advanced Materials, 2018, 30, e1801318.	11.1	91
84	In-Plane Optical Anisotropy and Linear Dichroism in Low-Symmetry Layered TlSe. ACS Nano, 2018, 12, 8798-8807.	7.3	64
85	Tuning the morphology of chevron-type graphene nanoribbons by choice of annealing temperature. Nano Research, 2018, 11, 6190-6196.	5.8	20
86	Giant magnetic anisotropy of a two-dimensional metal-dicyanoanthracene framework. Nanoscale, 2018, 10, 17335-17340.	2.8	8
87	Influence of defects on the thermoelectricity in SnSe: A comprehensive theoretical study. Physical Review B, 2018, 97, .	1.1	53
88	The total ionizing dose effect of magnetometers system based on tunneling magnetoresistance sensor. , 2018, , .		0
89	Sequence of Silicon Monolayer Structures Grown on a Ru Surface: from a Herringbone Structure to Silicene. Nano Letters, 2017, 17, 1161-1166.	4.5	86
90	From a normal insulator to a topological insulator in plumbene. Physical Review B, 2017, 95, .	1.1	85

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91	Hybrid phosphorene/graphene nanocomposite as an anode material for Na-ion batteries: a first-principles study. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 165501.	1.3	31
92	Direct observation of vast off-stoichiometric defects in single crystalline SnSe. <i>Nano Energy</i> , 2017, 35, 321-330.	8.2	101
93	Simultaneously enhancing the power factor and reducing the thermal conductivity of SnTe via introducing its analogues. <i>Energy and Environmental Science</i> , 2017, 10, 2420-2431.	15.6	116
94	Quantum anomalous Hall insulator phase in asymmetrically functionalized germanene. <i>Physical Review B</i> , 2017, 96, .	1.1	18
95	Unexpected Large Hole Effective Masses in SnSe Revealed by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2017, 119, 116401.	2.9	47
96	Ultrathin ternary semiconductor TlGaSe ₂ phototransistors with broad-spectral response. <i>2D Materials</i> , 2017, 4, 035021.	2.0	22
97	Large enhancement of thermoelectric properties in n-type PbTe via dual-site point defects. <i>Energy and Environmental Science</i> , 2017, 10, 2030-2040.	15.6	194
98	Remarkable Roles of Cu To Synergistically Optimize Phonon and Carrier Transport in n-Type PbTe-Cu ₂ Te. <i>Journal of the American Chemical Society</i> , 2017, 139, 18732-18738.	6.6	230
99	Two-Dimensional CoS ₂ monolayer with robust ferromagnetism. <i>Scientific Reports</i> , 2017, 7, 15993.	1.6	23
100	Origin of polymorphism of the two-dimensional group-IV monochalcogenides. <i>Physical Review B</i> , 2017, 96, .	1.1	19
101	Enhanced Electrical and Optoelectronic Characteristics of Few-Layer Type-II SnSe/MoS ₂ van der Waals Heterojunctions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42149-42155.	4.0	54
102	Topological surface electronic states in candidate nodal-line semimetal CaAgAs. <i>Physical Review B</i> , 2017, 96, .	1.1	51
103	Thickness-dependent energetics for Pb adatoms on low-index Pb nanofilm surfaces: First-principles calculations. <i>Physical Review B</i> , 2017, 96, .	1.1	13
104	Synergistically optimizing thermoelectric transport properties of n-type PbTe via Se and Sn co-alloying. <i>Journal of Alloys and Compounds</i> , 2017, 724, 208-221.	2.8	59
105	Enhanced current rectification and self-powered photoresponse in multilayer p-MoTe ₂ /n-MoS ₂ van der Waals heterojunctions. <i>Nanoscale</i> , 2017, 9, 10733-10740.	2.8	75
106	Investigation into the extremely low thermal conductivity in Ba heavily doped BiCuSeO. <i>Nano Energy</i> , 2016, 27, 167-174.	8.2	40
107	Multiple Converged Conduction Bands in K ₂ Bi ₈ Se ₁₃ : A Promising Thermoelectric Material with Extremely Low Thermal Conductivity. <i>Journal of the American Chemical Society</i> , 2016, 138, 16364-16371.	6.6	130
108	Effects of Oxygen Impurities on Glass-Formation Ability in Zr ₂ Cu Alloy. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9223-9229.	1.2	18

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109	First-principles study of intercalation of alkali ions in FeSe for solid-state batteries. <i>Chemical Physics Letters</i> , 2016, 659, 230-233.	1.2	18
110	Submonolayer Ag films on Fe(100): A first-principles analysis of energetics controlling adlayer thermodynamics and kinetics. <i>Physical Review B</i> , 2016, 93, .	1.1	4
111	Transition metals doped CuAlSe ₂ for promising intermediate band materials. <i>Materials Research Express</i> , 2016, 3, 045905.	0.8	16
112	Controlling magnetic interfaces using ordered surface alloys. <i>Physical Review B</i> , 2016, 94, .	1.1	1
113	Induced effects by the substitution of Zn in Cu ₂ ZnSnX ₄ (X= S and Se). <i>Thin Solid Films</i> , 2016, 603, 224-229.	0.8	42
114	Ab initiomolecular dynamics simulations of short-range order in Zr ₅₀ Cu ₄₅ Al ₅ and Cu ₅₀ Zr ₄₅ Al ₅ metallic glasses. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 085102.	0.7	14
115	Comparative study of local atomic structures in Zr ₂ Cu _x Ni _{1-x} (x=0, 0.5, 1) metallic glasses. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	11
116	Graphene-Silicon Layered Structures on Single-Crystalline Ir(111) Thin Films. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400543.	1.9	12
117	Polarization-Mediated Thermal Stability of Metal/Oxide Heterointerface. <i>Advanced Materials</i> , 2015, 27, 6934-6938.	11.1	19
118	Superior thermoelectric performance in PbTe-PbS pseudo-binary: extremely low thermal conductivity and modulated carrier concentration. <i>Energy and Environmental Science</i> , 2015, 8, 2056-2068.	15.6	185
119	Growth morphology and properties of metals on graphene. <i>Progress in Surface Science</i> , 2015, 90, 397-443.	3.8	123
120	Role of Cooperative Interactions in the Intercalation of Heteroatoms between Graphene and a Metal Substrate. <i>Journal of the American Chemical Society</i> , 2015, 137, 7099-7103.	6.6	50
121	Structure of Cu _{64.5} Zr _{35.5} metallic glass by reverse Monte Carlo simulations. <i>Journal of Applied Physics</i> , 2014, 115, 053522.	1.1	6
122	Significantly Enhanced Thermoelectric Performance in n-type Heterogeneous BiAgSeS Composites. <i>Advanced Functional Materials</i> , 2014, 24, 7763-7771.	7.8	91
123	Epitaxial growth of large-area bilayer graphene on Ru(0001). <i>Applied Physics Letters</i> , 2014, 104, .	1.5	27
124	Coverage-Dependent Collective Diffusion of a Dense Pb Wetting Layer on Si(111). <i>Physical Review Letters</i> , 2012, 108, 026101.	2.9	15
125	Pressure-driven orbital selective insulator-to-metal transition and spin-state crossover in cubic CoO. <i>Physical Review B</i> , 2012, 85, .	1.1	28
126	Silicon layer intercalation of centimeter-scale, epitaxially grown monolayer graphene on Ru(0001). <i>Applied Physics Letters</i> , 2012, 100, .	1.5	101

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127	Structure and dynamics of liquid Ni $\langle \mathbb{Zr} \rangle$ Applied Physics Letters, 2011, 99, .	1.1	48
128	Intercalation of metal islands and films at the interface of epitaxially grown graphene and Ru(0001) surfaces. Applied Physics Letters, 2011, 99, .	1.5	83
129	Electronic localization of quantum-well states in Ag/Au(111) metallic heterostructures. Physical Review B, 2011, 84, .	1.1	15
130	Medium-range icosahedral order in quasicrystal-forming Zr ₂ Pd binary metallic glass. Applied Physics Letters, 2011, 98, .	1.5	13
131	Atomic size and chemical effects on the local order of Zr ₂ alloy. Physical Review B, 2010, 81, .	1.1	55
132	Short- and medium-range order in amorphous Zr ₂ alloy. Physical Review B, 2010, 81, .	1.1	38
133	Directed self-assembly of monodispersed platinum nanoclusters on graphene Moiré template. Applied Physics Letters, 2009, 95, .	1.5	119
134	Size- and Strain-Dependent Electronic Structures in H-Passivated Si [112] Nanowires. Journal of Physical Chemistry C, 2008, 112, 15680-15683.	1.5	25
135	Short- and medium-range order in a Zr ₂ alloy. Experimental and simulation studies. Physical Review B, 2008, 78, .	1.1	73
136	Evolution of a symmetry gap and synergetic quantum well states in ultrathin Ag films on Au(111) substrates. Europhysics Letters, 2007, 78, 57003.	0.7	14
137	First-principles study of adsorption and diffusion on Ge/Si(001)-(2Å-8) and Ge/Si(105)-(1Å-2) surfaces. Surface Science, 2007, 601, 3067-3072.	0.8	9
138	Structural and electronic properties of Al ₇ In (n=1,2,3). Chemical Physics Letters, 2006, 420, 125-129.	1.2	8
139	Surface Mobility Difference between Si and Ge and Its Effect on Growth of SiGe Alloy Films and Islands. Physical Review Letters, 2006, 96, 016103.	2.9	54
140	Investigation of phosphorus surface segregation by X-ray scattering measurements. Surface Science, 2005, 580, 51-56.	0.8	0
141	Strain effect on adatom binding and diffusion in homo- and heteroepitaxies of Si and Ge on (001) Surfaces. Physical Review B, 2004, 70, .	1.1	46
142	Coherent Transport Through a Quantum Dot Embedded in a Double-Slit-Like Aharonov-Bohm Ring. Chinese Physics Letters, 2002, 19, 1505-1508.	1.3	8
143	NBn-Doped Bis-Tetracene and Peri-Tetracene: Synthesis and Characterization. Angewandte Chemie, 0, , .	1.6	4