Yingchun Cheng

List of Publications by Year
in descending order

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		53751	39638
144	9,449	45	94
papers	citations	h-index	g-index

145	145	145	12683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Giant spin-orbit-induced spin splitting in two-dimensional transition-metal dichalcogenide semiconductors. Physical Review B, 2011, 84, .	1.1	1,306
2	Doping Monolayer Graphene with Single Atom Substitutions. Nano Letters, 2012, 12, 141-144.	4.5	533
3	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor In₂Se₃. Nano Letters, 2018, 18, 1253-1258.	4.5	509
4	Prediction of two-dimensional diluted magnetic semiconductors: Doped monolayer MoS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>systems. Physical Review B, 2013, 87, .	1.1	494
5	Borophene as an extremely high capacity electrode material for Li-ion and Na-ion batteries. Nanoscale, 2016, 8, 15340-15347.	2.8	396
6	Enhanced valley splitting in monolayer WSe2 due to magnetic exchange field. Nature Nanotechnology, 2017, 12, 757-762.	15.6	340
7	Spin-orbitâ€“induced spin splittings in polar transition metal dichalcogenide monolayers. Europhysics Letters, 2013, 102, 57001.	0.7	334
8	Recent Progress of Janus 2D Transition Metal Chalcogenides: From Theory to Experiments. Small, 2018, 14, e1802091.	5.2	247
9	Large Spinâ€Valley Polarization in Monolayer MoTe₂ on Top of EuO(111). Advanced Materials, 2016, 28, 959-966.	11.1	239
10	Raman scattering study of zinc blende and wurtzite ZnS. Journal of Applied Physics, 2009, 106, .	1.1	235
11	Efficient and High-Color-Purity Light-Emitting Diodes Based on In Situ Grown Films of CsPbX₃ (X = Br, I) Nanoplates with Controlled Thicknesses. ACS Nano, 2017, 11, 11100-11107.	7.3	190
12	Valley polarization in magnetically doped single-layer transition-metal dichalcogenides. Physical Review B, 2014, 89, .	1.1	181
13	Effects of strain on electronic and optic properties of holey two-dimensional C2N crystals. Applied Physics Letters, 2015, 107, .	1.5	144
14	Highly crystallized Î±-FeOOH for a stable and efficient oxygen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 2021-2028.	5.2	140
15	Photovoltaic Heterojunctions of Fullerenes with MoS₂ and WS₂ Monolayers. Journal of Physical Chemistry Letters, 2014, 5, 1445-1449.	2.1	139
16	Atomic-Scale Observation of Lithiation Reaction Front in Nanoscale SnO₂ Materials. ACS Nano, 2013, 7, 6203-6211.	7.3	134
17	Hole doped Dirac states in silicene by biaxial tensile strain. Journal of Applied Physics, 2013, 113, .	1.1	117
18	Origin of the Phase Transition in Lithiated Molybdenum Disulfide. ACS Nano, 2014, 8, 11447-11453.	7.3	111

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19	Intrinsic point defects in inorganic perovskite CsPbI3 from first-principles prediction. Applied Physics Letters, 2017, 111, .	1.5	109
20	Topological Phase Transition in Layered GaS and GaSe. Physical Review Letters, 2012, 108, 266805.	2.9	105
21	Electronic structure of superlattices of graphene and hexagonal boron nitride. Journal of Materials Chemistry, 2012, 22, 919-922.	6.7	90
22	Band inversion mechanism in topological insulators: A guideline for materials design. Physical Review B, 2012, 85, .	1.1	85
23	Oxidation of graphene in ozone under ultraviolet light. Applied Physics Letters, 2012, 101, 073110.	1.5	82
24	Ultrafast and Highly Reversible Sodium Storage in Zincâ€Antimony Intermetallic Nanomaterials. Advanced Functional Materials, 2016, 26, 543-552.	7.8	81
25	Twin Boundary-Assisted Lithium Ion Transport. Nano Letters, 2015, 15, 610-615.	4.5	80
26	GrÃ¼neisen parameter of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>G</mml:mi></mml:mrow></mml:math>mode of strained monolayer graphene. Physical Review B, 2011, 83, .	1.1	79
27	Selective Ionic Transport Pathways in Phosphorene. Nano Letters, 2016, 16, 2240-2247.	4.5	79
28	First Principles Prediction of the Magnetic Properties of Fe-X6 (X = S, C, N, O, F) Doped Monolayer MoS2. Scientific Reports, 2014, 4, 3987.	1.6	78
29	Interaction between single gold atom and the graphene edge: A study via aberration-corrected transmission electron microscopy. Nanoscale, 2012, 4, 2920.	2.8	70
30	Enhanced Valley Zeeman Splitting in Fe-Doped Monolayer MoS₂. ACS Nano, 2020, 14, 4636-4645.	7.3	69
31	Doped silicene: Evidence of a wide stability range. Europhysics Letters, 2011, 95, 17005.	0.7	65
32	Optical properties of rocksalt and zinc blende AlN phases: First-principles calculations. Journal of Applied Physics, 2008, 103, .	1.1	61
33	Quasi-Two-Dimensional Se-Terminated Bismuth Oxychalcogenide (Bi₂O₂Se). ACS Nano, 2019, 13, 13439-13444.	7.3	61
34	Spin-Valley Locking Effect in Defect States of Monolayer MoS₂. Nano Letters, 2020, 20, 2129-2136.	4.5	61
35	Photophysics of 2D Organicâ€“Inorganic Hybrid Lead Halide Perovskites: Progress, Debates, and Challenges. Advanced Science, 2021, 8, 2001843.	5.6	59
36	Two-dimensional ferromagnet/semiconductor transition metal dichalcogenide contacts:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-type Schottky barrier and spin-injection control. Physical Review B, 2013, 88, .	1.1	58

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37	Synergistic effect of anions and cations in additives for highly efficient and stable perovskite solar cells. Journal of Materials Chemistry A, 2018, 6, 9264-9270.	5.2	58
38	Sodium-Induced Reordering of Atomic Stacks in Black Phosphorus. Chemistry of Materials, 2017, 29, 1350-1356.	3.2	55
39	Magnetism by Interfacial Hybridization and p-type Doping of MoS₂ in Fe₄N/MoS₂ Superlattices: A First-Principles Study. ACS Applied Materials & Interfaces, 2014, 6, 4587-4594.	4.0	54
40	Order-disorder phase transitions in the two-dimensional semiconducting transition metal dichalcogenide alloys Mo1â^'xWxX2 (X = S, Se and Te). Scientific Reports, 2014, 4, 6691.	1.6	54
41	Origin of the improved reactivity of MoS2 single crystal by confining lattice Fe atom in peroxymonosulfate-based Fenton-like reaction. Applied Catalysis B: Environmental, 2021, 298, 120537.	10.8	53
42	Triferroic Material and Electrical Control of Valley Degree of Freedom. ACS Applied Materials & Interfaces, 2019, 11, 12675-12682.	4.0	52
43	Oxidation of monovacancies in graphene by oxygen molecules. Journal of Materials Chemistry, 2011, 21, 18284.	6.7	50
44	Atomic Bonding between Metal and Graphene. Journal of Physical Chemistry C, 2013, 117, 4632-4638.	1.5	49
45	Alloy Engineering in Fewâ€Layer Manganese Phosphorus Trichalcogenides for Surfaceâ€Enhanced Raman Scattering. Advanced Functional Materials, 2020, 30, 1910171.	7.8	48
46	Giant valley drifts in uniaxially strained monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	47
47	Electric Field Effects on Spin Splitting of Two-Dimensional van der Waals Arsenene/FeCl₂ Heterostructures. Journal of Physical Chemistry C, 2016, 120, 5613-5618.	1.5	46
48	Inclined Ultrathin Bi₂O₂Se Films: A Building Block for Functional van der Waals Heterostructures. ACS Nano, 2020, 14, 16803-16812.	7.3	45
49	Observation of superconductivity in structure-selected Ti2O3 thin films. NPG Asia Materials, 2018, 10, 522-532.	3.8	43
50	Vacancy induced half-metallicity in half-Heusler semiconductors. Physical Review B, 2011, 84, .	1.1	42
51	Grain-boundary-rich polycrystalline monolayer WS2 film for attomolar-level Hg2+ sensors. Nature Communications, 2021, 12, 3870.	5.8	42
52	Van der Waals epitaxial growth of MoS2 on SiO2/Si by chemical vapor deposition. RSC Advances, 2013, 3, 17287.	1.7	41
53	Topological Phase Diagrams of Bulk and Monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TiS</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>. Physical Review Letters, 2013, 110, 077202.	2.9	41
54	Switching of the magnetic anisotropy via strain in two dimensional multiferroic materials: CrSX (Xâ€‰=â€‰Cl, Br, I). Applied Physics Letters, 2020, 116, .	1.5	40

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55	Superior Properties of Energetically Stable La_{2/3}Sr_{1/3}MnO₃/Tetragonal BiFeO₃ Multiferroic Superlattices. ACS Applied Materials & Interfaces, 2015, 7, 10612-10616.	4.0	38
56	Ligand-Size Related Dimensionality Control in Metal Halide Perovskites. ACS Energy Letters, 2019, 4, 1830-1838.	8.8	38
57	Charge carrier density in Li-intercalated graphene. Chemical Physics Letters, 2012, 534, 29-33.	1.2	37
58	Observation of nonreciprocal magnetophonon effect in nonencapsulated few-layered CrI ₃. Science Advances, 2020, 6, .	4.7	37
59	Low-defect-density WS2 by hydroxide vapor phase deposition. Nature Communications, 2022, 13, .	5.8	37
60	Role of interlayer coupling in ultra thin MoS2. RSC Advances, 2012, 2, 7798.	1.7	36
61	Tunable Linearity of Highâ€Performance Vertical Dualâ€Gate vdW Phototransistors. Advanced Materials, 2021, 33, e2008080.	11.1	36
62	Epitaxial TiO2/SnO2 coreâ€“shell heterostructure by atomic layer deposition. Journal of Materials Chemistry, 2012, 22, 10665.	6.7	34
63	Physics of intrinsic point defects in bismuth oxychalcogenides: A first-principles investigation. Journal of Applied Physics, 2018, 124, .	1.1	34
64	Fabrication and characterization of anodic ZnO nanoparticles. Applied Physics A: Materials Science and Processing, 2007, 86, 463-467.	1.1	33
65	Highly efficient broadband photodetectors based on lithography-free Au/Bi₂O₂Se/Au heterostructures. Nanoscale, 2019, 11, 20707-20714.	2.8	32
66	Gateâ€Switchable Photovoltaic Effect in BP/MoTe₂ van der Waals Heterojunctions for Selfâ€Driven Logic Optoelectronics. Advanced Optical Materials, 2021, 9, 2001802.	3.6	32
67	Origin of the charge density wave in 1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math>-TiSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	31
68	Spin polarization driven by a charge-density wave in monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi></mml:mrow><mml:m mathvariant="normal">TaS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	1.1	31
69	Auâ€“InSe van der Waals Schottky junctions with ultralow reverse current and high photosensitivity. Nanoscale, 2020, 12, 4094-4100.	2.8	31
70	Origin of the high p-doping in F intercalated graphene on SiC. Applied Physics Letters, 2011, 99, 053117.	1.5	29
71	Series of topological phase transitions in TiTe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>under strain. Physical Review B, 2013, 88, .	1.1	29
72	Enhanced Valley Splitting of Transition-Metal Dichalcogenide by Vacancies in Robust Ferromagnetic Insulating Chromium Trihalides. ACS Applied Materials & Interfaces, 2019, 11, 18858-18864.	4.0	28

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73	Layer dependence of stacking order in nonencapsulated few-layer CrI3. Science China Materials, 2020, 63, 413-420.	3.5	27
74	K-intercalated carbon systems: Effects of dimensionality and substrate. Europhysics Letters, 2012, 98, 67003.	0.7	26
75	Strain-activated edge reconstruction of graphene nanoribbons. Physical Review B, 2012, 85, .	1.1	25
76	Mechanism of Si intercalation in defective graphene on SiC. Journal of Materials Chemistry, 2012, 22, 23340.	6.7	25
77	Unraveling the Atomic Structure of Ultrafine Iron Clusters. Scientific Reports, 2012, 2, 995.	1.6	25
78	Recent Advances in van der Waals Heterojunctions Based on Semiconducting Transition Metal Dichalcogenides. Advanced Electronic Materials, 2018, 4, 1800270.	2.6	25
79	Electronic and optical properties of new multifunctional materials via half-substituted hematite: first principles calculations. RSC Advances, 2012, 2, 10708.	1.7	24
80	Thinning and functionalization of few-layer graphene sheets by CF4 plasma treatment. Nanoscale Research Letters, 2012, 7, 268.	3.1	24
81	Proximity Enhanced Hydrogen Evolution Reactivity of Substitutional Doped Monolayer WS₂. ACS Applied Materials & Interfaces, 2021, 13, 19406-19413.	4.0	24
82	A novel hydrothermal route to synthesize solid SnO2 nanospheres and their photoluminescence property. Applied Physics A: Materials Science and Processing, 2009, 97, 581-585.	1.1	23
83	Fabrication and field emission property of a Si nanotip array. Nanotechnology, 2006, 17, 5573-5576.	1.3	22
84	A route to strong p-doping of epitaxial graphene on SiC. Applied Physics Letters, 2010, 97, 193304.	1.5	22
85	A global view of the phase transitions of SnO₂ in rechargeable batteries based on results of high throughput calculations. Journal of Materials Chemistry A, 2015, 3, 19483-19489.	5.2	21
86	Exchange between Interlayer and Intralayer Exciton in WSe₂/WS₂ Heterostructure by Interlayer Coupling Engineering. Nano Letters, 2022, 22, 4528-4534.	4.5	21
87	The Interface between Gd and Monolayer MoS2: A First-Principles Study. Scientific Reports, 2014, 4, 7368.	1.6	20
88	Directâ€“Indirect Transition of Pressurized Two-Dimensional Halide Perovskite: Role of Benzene Ring Stack Ordering. Journal of Physical Chemistry Letters, 2019, 10, 5687-5693.	2.1	20
89	Lithiation-Induced Shuffling of Atomic Stacks. Nano Letters, 2014, 14, 5301-5307.	4.5	18
90	Wafer-Scale Ultrathin Two-Dimensional Conjugated Microporous Polymers: Preparation and Application in Heterostructure Devices. ACS Applied Materials & Interfaces, 2018, 10, 4010-4017.	4.0	18

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91	Orbital-dependent Rashba coupling in bulk BiTeCl and BiTeI. New Journal of Physics, 2013, 15, 023010.	1.2	17
92	Lead monoxide: a two-dimensional ferromagnetic semiconductor induced by hole-doping. Journal of Materials Chemistry C, 2017, 5, 4520-4525.	2.7	17
93	Reconfigurable InSe Electronics with van der Waals Integration. Advanced Electronic Materials, 2022, 8, .	2.6	17
94	In situ fabrication of alumina nanotube array and photoluminescence. Applied Physics Letters, 2006, 89, 073114.	1.5	16
95	Emergence of topological and topological crystalline phases in TlBiS2 and TlSbS2. Scientific Reports, 2015, 5, 8379.	1.6	15
96	Edge structures and properties of triangular antidots in single-layer MoS2. Applied Physics Letters, 2016, 109, 091603.	1.5	15
97	Stability and Phase Transition of Metastable Black Arsenic under High Pressure. Journal of Physical Chemistry Letters, 2020, 11, 93-98.	2.1	15
98	Defect Origin of Emission in CsCu₂I₃ and Pressure-Induced Anomalous Enhancement. Journal of Physical Chemistry Letters, 2021, 12, 317-323.	2.1	15
99	All roads lead to Rome: Sodiation of different-stacked SnS2. Nano Energy, 2020, 67, 104276.	8.2	14
100	Silver nanocrystal superlattices: Self-assembly and optical emission. Applied Physics Letters, 2006, 88, 143111.	1.5	12
101	Fluorinated monovacancies in graphene: Even-odd effect. Europhysics Letters, 2012, 100, 37003.	0.7	12
102	Enhancement in anomalous Hall resistivity of Co/Pd multilayer and CoPd alloy by Ga ⁺ ion irradiation. Europhysics Letters, 2014, 105, 46005.	0.7	12
103	First-principles prediction of Tl/SiC for valleytronics. Journal of Materials Chemistry C, 2017, 5, 10427-10433.	2.7	12
104	Ab initio determination of lattice dynamics and thermodynamics of Î² - BC2N. Solid State Communications, 2008, 146, 69-72.	0.9	11
105	Optical and vibrational properties of 2H-, 4H-, and 6H-AlN: First-principle calculations. Journal of Applied Physics, 2009, 105, 083511.	1.1	11
106	Mechanical failure of zigzag graphene nanoribbons under tensile strain induced by edge reconstruction. Journal of Materials Chemistry, 2012, 22, 24676.	6.7	11
107	Cl-intercalated graphene on SiC: Influence of van der Waals forces. Europhysics Letters, 2013, 101, 27008.	0.7	11
108	Synthesis of 2D Li₄Ti₅O₁₂ Nanosheets via the â€œInsertionâ€“Exfoliationâ€“Lithiationâ€•Process. ACS Applied Energy Materials, 2019, 2, 7321-7329.	2.5	11

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109	Half-metal to magnetic semiconductor transition in Mn-doped monolayer Bi2O2Se tuned by strain. Journal of Magnetism and Magnetic Materials, 2019, 480, 73-78.	1.0	11
110	Catalytic growth of clusters of wurtzite ZnS nanorods through co-deposition of ZnS and Zn on Au film. CrystEngComm, 2009, 11, 2260.	1.3	10
111	Ge-intercalated graphene: The origin of the p-type to n-type transition. Europhysics Letters, 2012, 99, 57002.	0.7	10
112	Ferromagnetic half-metallic characteristic in bulk Ni0.5M0.5O (M=Cu, Zn and Cd): A GGA+U study. Solid State Communications, 2012, 152, 1108-1111.	0.9	10
113	Role of Buffer Layer and Building Unit in the Monolayer CrI₃ Growth: A First-Principles Perspective. Journal of Physical Chemistry Letters, 2020, 11, 9453-9460.	2.1	10
114	Pressure controlled transition into a self-induced topological superconducting surface state. Scientific Reports, 2015, 4, 4025.	1.6	9
115	Metal doped black phosphorene for gas sensing and catalysis: A first-principles perspective. Applied Surface Science, 2022, 586, 152743.	3.1	9
116	Coordination Reactions of 5-(2-(4-Bromophenyl)ethynyl)pyrimidine in On-Surface Synthesis. Journal of Physical Chemistry C, 2018, 122, 8954-8959.	1.5	8
117	The mechanism of alkali doping in CsPbBr3: A first-principles perspective. Journal of Applied Physics, 2021, 129, .	1.1	7
118	Overturned Loading of Inert CeO₂to Active Co₃O₄for Unusually Improved Catalytic Activity in Fentonâ€Like Reactions. Angewandte Chemie, 2022, 134, .	1.6	7
119	Damping of surface acoustic vibration induced by electrons trapped on SnO2 nanocrystal surface. Applied Physics Letters, 2009, 95, 211903.	1.5	6
120	Magnetic and electronic properties of Fe3O4/graphene heterostructures: First principles perspective. Journal of Applied Physics, 2013, 113, .	1.1	6
121	Optimized Parameters for Identifying the Layer Number of Few Layer Chromium Tri-iodide from a Theoretical Perspective: Implications for Two-Dimensional Spintronics. ACS Applied Nano Materials, 2020, 3, 8382-8388.	2.4	5
122	Epitaxial growth of large-grain-size ferromagnetic monolayer CrI₃ for valley Zeeman splitting enhancement. Nanoscale, 2021, 13, 2955-2962.	2.8	5
123	Alloy engineered germanium monochalcogenide with tunable bandgap for broadband optoelectrical applications. Physical Review Materials, 2020, 4, .	0.9	5
124	Ultrasensitive biochemical sensors based on controllably grown films of high-density edge-rich multilayer WS2 islands. Sensors and Actuators B: Chemical, 2022, 353, 131081.	4.0	5
125	The origin of the pseudogap in Î±-Ga. Journal of Physics Condensed Matter, 2011, 23, 475502.	0.7	4
126	MoS2: A First-Principles Perspective. Lecture Notes in Nanoscale Science and Technology, 2014, , 103-128.	0.4	4

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127	In situ growth of monocrystal p-CuGaO₂ nanosheet as a hole transfer layer in a photoelectrode for solar hydrogen production. Journal Physics D: Applied Physics, 2019, 52, 405501.	1.3	4
128	Pressure Tunable van Hove Singularities of Twisted Bilayer Graphene. Nano Letters, 2022, 22, 5841-5848.	4.5	4
129	Effective passivation on Si nanocrystal surface by peroxide. Journal of Crystal Growth, 2007, 304, 86-89.	0.7	3
130	Magnetic and electronic properties of Cu1â^'xFexO from first principles calculations. RSC Advances, 2013, 3, 4447.	1.7	3
131	Influence of contact height on the performance of vertically aligned carbon nanotube field-effect transistors. Nanoscale, 2013, 5, 2476.	2.8	3
132	Modulation of electronic and magnetic properties of monolayer chromium trihalides by alloy and strain engineering. Journal of Applied Physics, 2021, 129, 155104.	1.1	3
133	Recent advances of substitutionally doped tin dichalcogenides. Journal of Materials Chemistry C, 0, , .	2.7	3
134	Stress influence on band-edge luminescence properties of 4H-AlN. Applied Physics Letters, 2009, 95, 121902.	1.5	2
135	Can Na+ Transport Faster Than Li+ inside Zn-Sb Intermetallic Nanomaterials?. Microscopy and Microanalysis, 2015, 21, 1195-1196.	0.2	2
136	Bandgap engineering of layered mono-chalcogenides via pressure. Journal of Applied Physics, 2021, 129, 155703.	1.1	2
137	Ultrafast electron energy-dependent delocalization dynamics in germanium selenide. Communications Physics, 2021, 4, .	2.0	2
138	Carrier and magnetism engineering for monolayer SnS₂ by high throughput first-principles calculations*. Chinese Physics B, 2021, 30, 117105.	0.7	2
139	Site-selective growth of two-dimensional materials: strategies and applications. Nanoscale, 2022, 14, 9946-9962.	2.8	2
140	Role of anion doping on electronic structure and magnetism of GdN by first principles calculations. RSC Advances, 2014, 4, 1180-1184.	1.7	1
141	Pressure-induced metallization of black arsenic. Journal of Physics Condensed Matter, 2019, 31, 505501.	0.7	1
142	Pressure Effect on Electronic and Excitonic Properties of Purely J-Aggregated Monolayer Organic Semiconductor. Journal of Physical Chemistry Letters, 2020, 11, 5896-5901.	2.1	1
143	The influence of Ca doping in Bi2O2Se: A first-principles investigation. Computational Materials Science, 2020, 179, 109684.	1.4	1
144	Efficiency at maximum power of thermoelectric heat engines with the symmetric semiconductor superlattice. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 129, 114657.	1.3	1