

Wenbin Li

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,842
citations

471371

17
h-index

580701

25
g-index

28
all docs

28
docs citations

28
times ranked

3301
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental realization of two-dimensional boron sheets. <i>Nature Chemistry</i> , 2016, 8, 563-568.	6.6	1,398
2	Experimental realization of honeycomb borophene. <i>Science Bulletin</i> , 2018, 63, 282-286.	4.3	397
3	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. <i>Nature Astronomy</i> , 2021, 5, 378-384.	4.2	152
4	Synthesis of borophene nanoribbons on Ag(110) surface. <i>Physical Review Materials</i> , 2017, 1, .	0.9	113
5	Synthesis of bilayer borophene. <i>Nature Chemistry</i> , 2022, 14, 25-31.	6.6	105
6	Strain-induced band engineering in monolayer stanene on Sb(111). <i>Physical Review Materials</i> , 2017, 1, .	0.9	91
7	Metastable phases of 2D boron sheets on Ag(110). <i>Journal of Physics Condensed Matter</i> , 2017, 29, 095002.	0.7	78
8	Strained monolayer germanene with 1 Å ⁻¹ lattice on Sb(111). <i>2D Materials</i> , 2016, 3, 045005.	2.0	75
9	Vibrational Properties of a Monolayer Silicene Sheet Studied by Tip-Enhanced Raman Spectroscopy. <i>Physical Review Letters</i> , 2017, 119, 196803.	2.9	74
10	Raman Spectroscopy of Two-Dimensional Borophene Sheets. <i>ACS Nano</i> , 2019, 13, 4133-4139.	7.3	73
11	The Pentagonal Nature of Self-Assembled Silicon Chains and Magic Clusters on Ag(110). <i>Nano Letters</i> , 2018, 18, 2937-2942.	4.5	52
12	Delocalized Surface State in Epitaxial Si(111) Film with Spontaneous $\sqrt{3}\times\sqrt{3}$ Superstructure. <i>Scientific Reports</i> , 2015, 5, 13590.	1.6	37
13	Improved thermal stability of wet-oxidized AlAs. <i>Applied Physics Letters</i> , 2002, 80, 974-976.	1.5	32
14	Ordered chlorinated monolayer silicene structures. <i>Physical Review B</i> , 2016, 93, .	1.1	30
15	Recent advances of microbial breeding via heavy-ion mutagenesis at IMP. <i>Letters in Applied Microbiology</i> , 2017, 65, 274-280.	1.0	21
16	Experimental evidence of monolayer AlB ₂ with symmetry-protected Dirac cones. <i>Physical Review B</i> , 2020, 101, .	1.1	20
17	Physical origin of the non-physical spin evolution of MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	1.6	18
18	A Variable Ionized Disk Wind in the Black Hole Candidate EXO 1846-031. <i>Astrophysical Journal</i> , 2021, 906, 11.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Low-temperature, ultrahigh-vacuum tip-enhanced Raman spectroscopy combined with molecular beam epitaxy for in situ two-dimensional materialsâ€™ studies. <i>Review of Scientific Instruments</i> , 2018, 89, 053107.	0.6	10
20	Insight-HXMT observations of Swift J0243.6+6124: the evolution of RMS pulse fractions at super-Eddington luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5498-5506.	1.6	10
21	Abnormal phase transition between two-dimensional high-density liquid crystal and low-density crystalline solid phases. <i>Nature Communications</i> , 2018, 9, 198.	5.8	9
22	Search for gamma-ray bursts and gravitational wave electromagnetic counterparts with High Energy X-ray Telescope of <i>Insight</i>-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3910-3920.	1.6	9
23	Stacking-Dependent Spin Interactions in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{Pd} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle / \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Bilayers on Re(0001). <i>Physical Review Letters</i> , 2020, 125, 227205.	2.9	9
24	The 2018 failed outburst of H 1743 â€™ 322: <i>Insight-HXMT</i>, NuSTAR</i>, and <i>NICER</i> views. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4541-4555.	1.6	8
25	Nickel nanoparticles in fullerene matrix fabricated by co-evaporation: structural, magnetic, and magneto-optical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 103, 433-438.	1.1	7
26	QPOs and Orbital elements of X-ray binary 4U 0115+63 during the 2017 outburst observed by <i>Insight</i>-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	3
27	Improvement of wet oxidized AIs through the use of the In/sub 0.05/AIs/AIs/In/sub 0.05/AIs sandwich structure. , 0, , .		0
28	Fabrication, structural and magnetic properties of electrodeposited Fe<inf>80</inf>Pt<inf>20</inf> nanowires and nanotubes. , 2015, , .		0