

# Xu Chen

## List of Publications by Year in descending order

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25  
papers

637  
citations

933447

10  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843+033 Region. <i>Astrophysical Journal</i> , 2022, 932, 120.	4.5	4
2	Highly Active Sites in Quaternary LnPdAsO (Ln = La, Ce, Pr) with Excellent Catalytic Activity for Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 4302-4307.	5.1	2
3	First Detection of sub-PeV Diffuse Gamma Rays from the Galactic Disk: Evidence for Ubiquitous Galactic Cosmic Rays beyond PeV Energies. <i>Physical Review Letters</i> , 2021, 126, 141101.	7.8	120
4	B-Site Columnar-Ordered Halide Double Perovskites: Theoretical Design and Experimental Verification. <i>Journal of the American Chemical Society</i> , 2021, 143, 10275-10281.	13.7	43
5	Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. <i>Physical Review Letters</i> , 2021, 127, 031102.	7.8	16
6	Spin-flip-driven giant magnetotransport in A-type antiferromagnet $\text{NaCr}_2\text{Te}_3$ . <i>Physical Review Materials</i> , 2021, 5, .	7.8	12
7	Competition of Superconductivity and Charge Density Wave in Selective Oxidized $\text{CsV}_2\text{Se}_3$ Thin Flakes. <i>Physical Review Letters</i> , 2021, 127, 237001.	7.8	73
8	Intra-layer atomic ordering and semi-conductivity in $\text{CsAMS}_2$ (A = Li, Ag; M = Co, Fe). <i>Journal of Solid State Chemistry</i> , 2020, 283, 121134.	2.9	0
9	Calibration of the Yangbajing air-shower core detector. <i>Journal of Instrumentation</i> , 2020, 15, P07014-P07014.	1.2	0
10	Wavelength-Tunable Mid-Infrared Lasing from Black Phosphorus Nanosheets. <i>Advanced Materials</i> , 2020, 32, e1808319.	21.0	56
11	Ultrafast photonics of two dimensional $\text{AuTe}_2\text{Se}_4/3$ in fiber lasers. <i>Communications Physics</i> , 2020, 3, .	5.3	93
12	First Detection of Photons with Energy beyond 100 TeV from an Astrophysical Source. <i>Physical Review Letters</i> , 2019, 123, 051101.	7.8	120
13	Strong and Tunable Electrical Anisotropy in Type-II Weyl Semimetal Candidate $\text{WP}_2$ with Broken Inversion Symmetry. <i>Advanced Materials</i> , 2019, 31, e1903498.	21.0	13
14	$\text{Pd}_3\text{Te}_2$ : an s-wave superconductor with Pd atom coordinated by five Te atoms. <i>Journal of Physics Communications</i> , 2019, 3, 095008.	1.2	1
15	Structure and Transport Properties in Itinerant Antiferromagnet $\text{RE}_2(\text{Ni}_{1-x}\text{Cu}_x)_5\text{As}_3\text{O}_2$ (RE = Ce, Sm). <i>Inorganic Chemistry</i> , 2019, 58, 2770-2776.	4.0	2
16	Anomalous Dome-like Superconductivity in $\text{RE}_2(\text{Cu}_{1-x}\text{Ni}_x)_5\text{As}_3\text{O}_2$ (RE = La, Pr, Nd). <i>IScience</i> , 2019, 14, 171-179.	4.1	6
17	Large-area, lithography-free, narrow-band and highly directional thermal emitter. <i>Nanoscale</i> , 2019, 11, 19742-19750.	5.6	39
18	Nodeless superconductivity in a quasi-two-dimensional superconductor $\text{AuTe}_2\text{Se}_4/3$ . <i>Chinese Physics B</i> , 2018, 27, 067401.	1.4	1

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19	Quasi-two-dimensional superconductivity from dimerization of atomically ordered AuTe <sub>2</sub> Se <sub>4/3</sub> cubes. Nature Communications, 2017, 8, 871.	12.8	15
20	Direct response of the spin-density wave transition and superconductivity to anion height in SrFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2017, 96, .	3.2	2
21	Performance of new 8-inch photomultiplier tube used for the Tibet muon-detector array. Journal of Instrumentation, 2016, 11, P06016-P06016.	1.2	4
22	Performance of the Tibet hybrid experiment (YAC-II + Tibet-III + MD) to measure the energy spectra of the light primary cosmic rays at energies 50â€“10,000 TeV. Astroparticle Physics, 2015, 66, 18-30.	4.3	5
23	Sensitivity of YAC to measure the light-component spectrum of primary cosmic rays at the â€˜kneeâ€™™ energies. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 045201.	3.6	3
24	Development of Yangbajing air shower core detector for a new EAS hybrid experiment. Chinese Physics C, 2015, 39, 086004.	3.7	4
25	Synthesis and characterization of CoS ball in cage structures. Science China Chemistry, 2013, 56, 475-480.	8.2	3