

Xu Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/822523/publications.pdf>

Version: 2024-02-01

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 | First Detection of Photons with Energy beyond 100 TeV from an Astrophysical Source. Physical Review Letters, 2019, 123, 051101. | 7.8 | 120 |
| 2 | First Detection of sub-PeV Diffuse Gamma Rays from the Galactic Disk: Evidence for Ubiquitous Galactic Cosmic Rays beyond PeV Energies. Physical Review Letters, 2021, 126, 141101. | 7.8 | 120 |
| 3 | Ultrafast photonics of two dimensional AuTe ₂ Se _{4/3} in fiber lasers. Communications Physics, 2020, 3, . | 5.3 | 93 |
| 4 | Competition of Superconductivity and Charge Density Wave in Selective Oxidized CsV_3Sb_5 Thin Flakes. Physical Review Letters, 2021, 127, 237001. | 7.8 | 73 |
| 5 | Wavelength-Tunable Mid-Infrared Lasing from Black Phosphorus Nanosheets. Advanced Materials, 2020, 32, e1808319. | 21.0 | 56 |
| 6 | B-Site Columnar-Ordered Halide Double Perovskites: Theoretical Design and Experimental Verification. Journal of the American Chemical Society, 2021, 143, 10275-10281. | 13.7 | 43 |
| 7 | Large-area, lithography-free, narrow-band and highly directional thermal emitter. Nanoscale, 2019, 11, 19742-19750. | 5.6 | 39 |
| 8 | Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. Physical Review Letters, 2021, 127, 031102. | 7.8 | 16 |
| 9 | Quasi-two-dimensional superconductivity from dimerization of atomically ordered AuTe ₂ Se _{4/3} cubes. Nature Communications, 2017, 8, 871. | 12.8 | 15 |
| 10 | Strong and Tunable Electrical Anisotropy in Type-II Weyl Semimetal Candidate WP_2 with Broken Inversion Symmetry. Advanced Materials, 2019, 31, e1903498. | 21.0 | 13 |
| 11 | Spin-flip-driven giant magnetotransport in A-type antiferromagnet NaCr_2Te . Physical Review Materials, 2021, 5, . | 21.0 | 12 |
| 12 | Anomalous Dome-like Superconductivity in $\text{RE}_2(\text{Cu}_1\text{-Ni})_5\text{As}_3\text{O}_2$ (RE= La, Pr, Nd). IScience, 2019, 14, 171-179. | 4.1 | 6 |
| 13 | Performance of the Tibet hybrid experiment (YAC-II + Tibet-III + MD) to measure the energy spectra of the light primary cosmic rays at energies 50–10,000 TeV. Astroparticle Physics, 2015, 66, 18-30. | 4.3 | 5 |
| 14 | Development of Yangbajing air shower core detector for a new EAS hybrid experiment. Chinese Physics C, 2015, 39, 086004. | 3.7 | 4 |
| 15 | Performance of new 8-inch photomultiplier tube used for the Tibet muon-detector array. Journal of Instrumentation, 2016, 11, P06016-P06016. | 1.2 | 4 |
| 16 | Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843+033 Region. Astrophysical Journal, 2022, 932, 120. | 4.5 | 4 |
| 17 | Synthesis and characterization of CoS ball in cage structures. Science China Chemistry, 2013, 56, 475-480. | 8.2 | 3 |
| 18 | Sensitivity of YAC to measure the light-component spectrum of primary cosmic rays at the knee energies. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 045201. | 3.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Direct response of the spin-density wave transition and superconductivity to anion height in SrFe ₂ As ₂ . Physical Review B, 2017, 96, . | 3.2 | 2 |
| 20 | Structure and Transport Properties in Itinerant Antiferromagnet RE ₂ (Ni ^{1-x} Cu ^x) ₅ As ₃ O ₂ (RE = Ce, Sm). Inorganic Chemistry, 2019, 58, 2770-2776. | 4.0 | 2 |
| 21 | Highly Active Sites in Quaternary LnPdAsO (Ln = La, Ce, Pr) with Excellent Catalytic Activity for Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2021, 4, 4302-4307. | 5.1 | 2 |
| 22 | Nodeless superconductivity in a quasi-two-dimensional superconductor AuTe ₂ Se _{4/3} . Chinese Physics B, 2018, 27, 067401. | 1.4 | 1 |
| 23 | Pd ₃ Te ₂ : an s-wave superconductor with Pd atom coordinated by five Te atoms. Journal of Physics Communications, 2019, 3, 095008. | 1.2 | 1 |
| 24 | Intra-layer atomic ordering and semi-conductivity in CsAMS ₂ (A = Li, Ag; M = Co, Fe). Journal of Solid State Chemistry, 2020, 283, 121134. | 2.9 | 0 |
| 25 | Calibration of the Yangbajing air-shower core detector. Journal of Instrumentation, 2020, 15, P07014-P07014. | 1.2 | 0 |