Haowei Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11860639/publications.pdf

Version: 2024-02-01

13	386	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Light speed variation from gamma-ray bursts. Astroparticle Physics, 2016, 82, 72-76.	4.3	65
2	Light speed variation from gamma ray burst GRB 160509A. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 602-604.	4.1	61
3	Pure spin photocurrent in non-centrosymmetric crystals: bulk spin photovoltaic effect. Nature Communications, 2021, 12, 4330.	12.8	51
4	Opto-Mechanics Driven Fast Martensitic Transition in Two-Dimensional Materials. Nano Letters, 2018, 18, 7794-7800.	9.1	38
5	Regularity of high energy photon events from gamma ray bursts. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 050-050.	5.4	34
6	Colossal switchable photocurrents in topological Janus transition metal dichalcogenides. Npj Computational Materials, 2021, 7, .	8.7	27
7	Terahertz Driven Reversible Topological Phase Transition of Monolayer Transition Metal Dichalcogenides. Advanced Science, 2021, 8, e2003832.	11.2	25
8	Optomechanical control of stacking patterns of h-BN bilayer. Nano Research, 2019, 12, 2634-2639.	10.4	20
9	Near-infrared optical properties and proposed phase-change usefulness of transition metal disulfides. Applied Physics Letters, 2019, 115, .	3.3	19
10	Giant Photonic Response of Mexican-Hat Topological Semiconductors for Mid-infrared to Terahertz Applications. Journal of Physical Chemistry Letters, 2020, 11, 6119-6126.	4.6	18
11	Light-induced static magnetization: Nonlinear Edelstein effect. Physical Review B, 2021, 103, .	3.2	11
12	Lightâ€Induced Quantum Anomalous Hall Effect on the 2D Surfaces of 3D Topological Insulators. Advanced Science, 2021, 8, e2101508.	11.2	11
13	Abnormal nonlinear optical responses on the surface of topological materials. Npj Computational Materials, 2022, 8, .	8.7	6