Zhesheng Chen

List of Publications by Year
in descending order

14	363	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electron Dynamics in Hybrid Perovskites Reveal the Role of Organic Cations on the Screening of Local Charges. Nano Letters, 2022, 22, 2065-2069.	9.1	3
2	Ultrafast dynamics with time-resolved ARPES: photoexcited electrons in monochalcogenide semiconductors. Comptes Rendus Physique, 2021, 22, 103-110.	0.9	0
3	Ultrafast electron energy-dependent delocalization dynamics in germanium selenide. Communications Physics, 2021, 4, .	5.3	2
4	Phase transition from Auâ€“Te surface alloy towards tellurene-like monolayer. 2D Materials, 2021, 8, 015029.	4.4	4
5	Ultrafast dynamics of hot carriers in a quasiâ€“two-dimensional electron gas on InSe. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21962-21967.	7.1	10
6	Spectroscopy of buried states in black phosphorus with surface doping. 2D Materials, 2020, 7, 035027.	4.4	13
7	Evidence of new 2D material: Cu₂Te. 2D Materials, 2020, 7, 035010.	4.4	16
8	Direct Observation of Band Gap Renormalization in Layered Indium Selenide. ACS Nano, 2019, 13, 13486-13491.	14.6	13
9	Band Gap Renormalization, Carrier Multiplication, and Stark Broadening in Photoexcited Black Phosphorus. Nano Letters, 2019, 19, 488-493.	9.1	26
10	A high performance self-driven photodetector based on a graphene/InSe/MoS₂ vertical heterostructure. Journal of Materials Chemistry C, 2018, 6, 12407-12412.	5.5	31
11	Ultrafast electron dynamics reveal the high potential of InSe for hot-carrier optoelectronics. Physical Review B, 2018, 97, .	3.2	15
12	A high performance graphene/few-layer InSe photo-detector. Nanoscale, 2015, 7, 5981-5986.	5.6	143
13	Onset of two-dimensional superconductivity in space charge doped few-layer molybdenum disulfide. Nature Communications, 2015, 6, 8826.	12.8	46
14	High quality 2D crystals made by anodic bonding: a general technique for layered materials. Nanotechnology, 2012, 23, 505709.	2.6	41