

Vy Tran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11797288/publications.pdf>

Version: 2024-02-01

11
papers

4,546
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

6421
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient electrical control of thin-film black phosphorus bandgap. Nature Communications, 2017, 8, 14474.	5.8	249
2	Widely tunable black phosphorus mid-infrared photodetector. Nature Communications, 2017, 8, 1672.	5.8	283
3	Host plant cyanotype determines degree of rhizobial symbiosis. Ecosphere, 2017, 8, e01929.	1.0	5
4	Low-symmetry two-dimensional materials for electronic and photonic applications. Nano Today, 2016, 11, 763-777.	6.2	113
5	A locally preferred structure characterises all dynamical regimes of a supercooled liquid. Philosophical Magazine, 2016, 96, 1212-1227.	0.7	47
6	Topologically protected Dirac cones in compressed bulk black phosphorus. Physical Review B, 2015, 91, .	1.1	90
7	Quasiparticle energies, excitons, and optical spectra of few-layer black phosphorus. 2D Materials, 2015, 2, 044014.	2.0	77
8	Highly anisotropic and robust excitons in monolayer black phosphorus. Nature Nanotechnology, 2015, 10, 517-521.	15.6	1,204
9	Quantum oscillations in a two-dimensional electron gas in black phosphorus thin films. Nature Nanotechnology, 2015, 10, 608-613.	15.6	282
10	Layer-controlled band gap and anisotropic excitons in few-layer black phosphorus. Physical Review B, 2014, 89, .	1.1	1,940
11	Scaling laws for the band gap and optical response of phosphorene nanoribbons. Physical Review B, 2014, 89, .	1.1	256