

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