

Dominik S Wild

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1434498/publications.pdf>

Version: 2024-02-01

18
papers

1,871
citations

623188

14
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

2837
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-frequency hyperbolic metasurface. <i>Nature</i> , 2015, 522, 192-196.	13.7	453
2	Probing dark excitons in atomically thin semiconductors via near-field coupling to surface plasmon polaritons. <i>Nature Nanotechnology</i> , 2017, 12, 856-860.	15.6	270
3	Electrical control of interlayer exciton dynamics in atomically thin heterostructures. <i>Science</i> , 2019, 366, 870-875.	6.0	255
4	Cooperative Resonances in Light Scattering from Two-Dimensional Atomic Arrays. <i>Physical Review Letters</i> , 2017, 118, 113601.	2.9	196
5	Large Excitonic Reflectivity of Monolayer MoSe_2 in Hexagonal Boron Nitride. <i>Physical Review Letters</i> , 2018, 120, 037402.	2.9	165
6	Excitons in a reconstructed moiré potential in twisted $\text{WSe}_2/\text{WSe}_2$ homobilayers. <i>Nature Materials</i> , 2021, 20, 480-487.	13.3	109
7	Broken mirror symmetry in excitonic response of reconstructed domains in twisted $\text{MoSe}_2/\text{MoSe}_2$ bilayers. <i>Nature Nanotechnology</i> , 2020, 15, 750-754.	15.6	106
8	Electrically Tunable Valley Dynamics in Twisted WSe_2 Bilayers. <i>Physical Review Letters</i> , 2020, 124, 217403.	2.9	89
9	Controlling Excitons in an Atomically Thin Membrane with a Mirror. <i>Physical Review Letters</i> , 2020, 124, 027401.	2.9	55
10	Quantum Nonlinear Optics in Atomically Thin Materials. <i>Physical Review Letters</i> , 2018, 121, 123606.	2.9	39
11	Electrically Tunable Exciton-Plasmon Coupling in a WSe_2 Monolayer Embedded in a Plasmonic Crystal Cavity. <i>Nano Letters</i> , 2019, 19, 3543-3547.	4.5	32
12	Electrically controlled emission from singlet and triplet exciton species in atomically thin light-emitting diodes. <i>Physical Review B</i> , 2021, 103, .	1.1	26
13	Controlling Interactions between Quantum Emitters Using Atom Arrays. <i>Physical Review Letters</i> , 2021, 126, 223602.	2.9	22
14	Adiabatic Quantum Search in Open Systems. <i>Physical Review Letters</i> , 2016, 117, 150501.	2.9	21
15	Rotons in optical excitation spectra of monolayer semiconductors. <i>Physical Review B</i> , 2020, 101, .	1.1	11
16	Quantum Sampling Algorithms for Near-Term Devices. <i>Physical Review Letters</i> , 2021, 127, 100504.	2.9	10
17	Quantum sampling algorithms, phase transitions, and computational complexity. <i>Physical Review A</i> , 2021, 104, .	1.0	6
18	Beam steering at the nanosecond time scale with an atomically thin reflector. <i>Nature Communications</i> , 2022, 13, .	5.8	6