

Philipp Nagler

List of Publications by Year in descending order

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30
papers

3,117
citations

304743

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26
g-index

30
all docs

30
docs citations

30
times ranked

3980
citing authors

#	ARTICLE	IF	CITATIONS
1	Interlayer exciton valley polarization dynamics in large magnetic fields. Physical Review B, 2022, 105, .	3.2	11
2	Moiré phonons in twisted MoSe ₂ /WSe ₂ heterobilayers and their correlation with interlayer excitons. 2D Materials, 2021, 8, 035030.	4.4	29
3	Ultrafast Charge-Transfer Dynamics in Twisted MoS ₂ /WSe ₂ Heterostructures. ACS Nano, 2021, 15, 14725-14731.	14.6	32
4	Low-frequency Raman scattering in WSe ₂ /MoSe ₂ heterobilayers: Evidence for atomic reconstruction. Applied Physics Letters, 2020, 117, .	3.3	30
5	Nanoscale force sensing of an ultrafast nonlinear optical response. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19773-19779.	7.1	7
6	Interlayer Excitons in Transition-Metal Dichalcogenide Heterobilayers. Physica Status Solidi (B): Basic Research, 2019, 256, 1900308.	1.5	15
7	Ultrafast Transition from Intra- to Interlayer Exciton Phases in a Van Der Waals Heterostructure. , 2019, , .		0
8	Internal structure and ultrafast dynamics of tailored excitons in van der Waals heterostructures. , 2019, , .		0
9	Dielectric Engineering of Electronic Correlations in a van der Waals Heterostructure. Nano Letters, 2018, 18, 1402-1409.	9.1	39
10	Momentum-space indirect interlayer excitons in transition-metal dichalcogenide van der Waals heterostructures. Nature Physics, 2018, 14, 801-805.	16.7	229
11	Spatial extent of the excited exciton states in WS_2 monolayers from diamagnetic shifts. Physical Review B, 2018, 98, .	3.2	10
12	Exciton Diffusion and Halo Effects in Monolayer Semiconductors. Physical Review Letters, 2018, 120, 207401.	7.8	193
13	Zeeman Splitting and Inverted Polarization of Biexciton Emission in Monolayer WS_2 . Physical Review Letters, 2018, 121, 057402.	7.8	70
14	Excitonic linewidth and coherence lifetime in monolayer transition metal dichalcogenides. Proceedings of SPIE, 2017, , .	0.8	0
15	Direct Observation of Ultrafast Exciton Formation in a Monolayer of WSe ₂ . Nano Letters, 2017, 17, 1455-1460.	9.1	171
16	Interlayer exciton dynamics in a dichalcogenide monolayer heterostructure. 2D Materials, 2017, 4, 025112.	4.4	146
17	Coulomb engineering of the bandgap and excitons in two-dimensional materials. Nature Communications, 2017, 8, 15251.	12.8	526
18	Valley dynamics of excitons in monolayer dichalcogenides. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700131.	2.4	19

#	ARTICLE	IF	CITATIONS
19	Direct Observation of the Band Gap Transition in Atomically Thin ReS ₂ . Nano Letters, 2017, 17, 5187-5192.	9.1	65
20	Giant magnetic splitting inducing near-unity valley polarization in van der Waals heterostructures. Nature Communications, 2017, 8, 1551.	12.8	105
21	Neutral and charged inter-valley biexcitons in monolayer MoSe ₂ . Nature Communications, 2017, 8, 15552.	12.8	159
22	Rotation of polarized light emission from monolayer WS ₂ induced by high magnetic fields. , 2017, , .		0
23	Trion valley coherence in monolayer semiconductors. 2D Materials, 2017, 4, 025105.	4.4	34
24	Observation of anisotropic interlayer Raman modes in few-layer ReS ₂ . Physica Status Solidi - Rapid Research Letters, 2016, 10, 185-189.	2.4	48
25	Magnetic-Field-Induced Rotation of Polarized Light Emission from Monolayer WS_2 . Physical Review Letters, 2016, 117, 077402.	7.8	76
26	Excitonic Valley Effects in Monolayer WS ₂ under High Magnetic Fields. Nano Letters, 2016, 16, 7899-7904.	9.1	114
27	Coherent and Incoherent Coupling Dynamics between Neutral and Charged Excitons in Monolayer MoSe ₂ . Nano Letters, 2016, 16, 5109-5113.	9.1	78
28	Trion fine structure and coupled spin-valley dynamics in monolayer tungsten disulfide. Nature Communications, 2016, 7, 12715.	12.8	239
29	Excitonic linewidth and coherence lifetime in monolayer transition metal dichalcogenides. Nature Communications, 2016, 7, 13279.	12.8	360
30	Identification of excitons, trions and biexcitons in single-layer WS ₂ . Physica Status Solidi - Rapid Research Letters, 2015, 9, 457-461.	2.4	282