Etienne Lorchat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10659070/publications.pdf

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10	669	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	1632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Splitting of Interlayer Shear Modes and Photon Energy Dependent Anisotropic Raman Response in N-Layer ReSe₂ and ReS₂. ACS Nano, 2016, 10, 2752-2760.	14.6	150
2	Room Temperature Chiral Coupling of Valley Excitons with Spin-Momentum Locked Surface Plasmons. ACS Photonics, 2018, 5, 1281-1287.	6.6	126
3	Unified Description of the Optical Phonon Modes in N-Layer MoTe₂. Nano Letters, 2015, 15, 6481-6489.	9.1	122
4	Filtering the photoluminescence spectra of atomically thin semiconductors with graphene. Nature Nanotechnology, 2020, 15, 283-288.	31.5	76
5	Charge Versus Energy Transfer in Atomically Thin Graphene-Transition Metal Dichalcogenide van der Waals Heterostructures. Physical Review X, 2018, 8, .	8.9	63
6	Direct versus indirect band gap emission and exciton-exciton annihilation in atomically thin molybdenum ditelluride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>)</mml:mo></mml:math>. Physical Review B, 2016, 94, .	3.2	57
7	Room-Temperature Valley Polarization and Coherence in Transition Metal Dichalcogenideâ€“Graphene van der Waals Heterostructures. ACS Photonics, 2018, 5, 5047-5054.	6.6	41
8	Rigidâ€layer Ramanâ€active modes in Nâ€layer transition metal dichalcogenides: interlayer force constants and hyperspectral Raman imaging. Journal of Raman Spectroscopy, 2018, 49, 91-99.	2.5	17
9	Picosecond energy transfer in a transition metal dichalcogenideâ€“graphene heterostructure revealed by transient Raman spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119726119.	7.1	16
10	Single- and narrow-line photoluminescence in a boron nitride-supported MoSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /> <mml:mn>2</mml:mn></mml:msub></mml:math>/graphene heterostructure. Comptes Rendus Physique, 2021, 22, 77-88.	0.9	1