

Etienne Lorchat

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

669
citations

1040056

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1632
citing authors

#	ARTICLE	IF	CITATIONS
1	Picosecond energy transfer in a transition metal dichalcogenide-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
2	Single- and narrow-line photoluminescence in a boron nitride-supported MoSe ₂ /graphene heterostructure. Comptes Rendus Physique, 2021, 22, 77-88.	0.9	1
3	Filtering the photoluminescence spectra of atomically thin semiconductors with graphene. Nature Nanotechnology, 2020, 15, 283-288.	31.5	76
4	Charge Versus Energy Transfer in Atomically Thin Graphene-Transition Metal Dichalcogenide van der Waals Heterostructures. Physical Review X, 2018, 8, .	8.9	63
5	Room Temperature Chiral Coupling of Valley Excitons with Spin-Momentum Locked Surface Plasmons. ACS Photonics, 2018, 5, 1281-1287.	6.6	126
6	Rigid-layer Raman-active modes in <i>N</i> -layer transition metal dichalcogenides: interlayer force constants and hyperspectral Raman imaging. Journal of Raman Spectroscopy, 2018, 49, 91-99.	2.5	17
7	Room-Temperature Valley Polarization and Coherence in Transition Metal Dichalcogenide-Graphene van der Waals Heterostructures. ACS Photonics, 2018, 5, 5047-5054.	6.6	41
8	Direct versus indirect band gap emission and exciton-exciton annihilation in atomically thin molybdenum ditelluride MoTe ₂ . Physical Review B, 2016, 94, .	3.2	57
9	Splitting of Interlayer Shear Modes and Photon Energy Dependent Anisotropic Raman Response in <i>N</i> -Layer ReSe ₂ and ReS ₂ . ACS Nano, 2016, 10, 2752-2760.	14.6	150
10	Unified Description of the Optical Phonon Modes in <i>N</i> -Layer MoTe ₂ . Nano Letters, 2015, 15, 6481-6489.	9.1	122