Giovanni Scuri

List of Publications by Year
in descending order

15 papers	1,451 citations	623734 14 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2421 citing authors

#	Article	IF	Citations
1	Probing dark excitons in atomically thin semiconductors via near-field coupling to surface plasmon polaritons. Nature Nanotechnology, 2017, 12, 856-860.	31.5	270
2	Electrical control of interlayer exciton dynamics in atomically thin heterostructures. Science, 2019, 366, 870-875.	12.6	255
3	Large Excitonic Reflectivity of Monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> in Hexagonal Boron Nitride. Physical Review Letters, 2018, 120, 037402.	7.8	165
4	Electrical control of charged carriers and excitons in atomically thin materials. Nature Nanotechnology, 2018, 13, 128-132.	31.5	142
5	Excitons in a reconstructed moirÃ© potential in twisted WSe2/WSe2 homobilayers. Nature Materials, 2021, 20, 480-487.	27.5	109
6	Broken mirror symmetry in excitonic response of reconstructed domains in twisted MoSe2/MoSe2 bilayers. Nature Nanotechnology, 2020, 15, 750-754.	31.5	106
7	Bilayer Wigner crystals in a transition metal dichalcogenide heterostructure. Nature, 2021, 595, 48-52.	27.8	98
8	Electrically Tunable Valley Dynamics in Twisted <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Bilayers. Physical Review Letters, 2020, 124, 217403.	7.8	89
9	Controlling Excitons in an Atomically Thin Membrane with a Mirror. Physical Review Letters, 2020, 124, 027401.	7.8	55
10	Single Electron Transistor with Single Aromatic Ring Molecule Covalently Connected to Graphene Nanogaps. Nano Letters, 2017, 17, 5335-5341.	9.1	50
11	Electrically Tunable Excitonâ€“Plasmon Coupling in a WSe₂ Monolayer Embedded in a Plasmonic Crystal Cavity. Nano Letters, 2019, 19, 3543-3547.	9.1	32
12	Probing dark exciton navigation through a local strain landscape in a WSe2 monolayer. Nature Communications, 2022, 13, 232.	12.8	32
13	Electrically controlled emission from singlet and triplet exciton species in atomically thin light-emitting diodes. Physical Review B, 2021, 103, .	3.2	26
14	Liquid Salt Transport Growth of Single Crystals of the Layered Dichalcogenides MoS₂ and WS₂. Crystal Growth and Design, 2019, 19, 5762-5767.	3.0	16
15	Beam steering at the nanosecond time scale with an atomically thin reflector. Nature Communications, 2022, 13, .	12.8	6