Giovanni Scuri

List of Publications by Year in Descending Order

14 papers	830 citations	11 h-index	15 g-index
15 ext. papers	1,114 ext. citations	18.3 avg, IF	3.91 L-index

#	Paper	IF	Citations
14	Probing dark exciton navigation through a local strain landscape in a WSe monolayer.. *Nature Communications*, **2022**, 13, 232	17.4	8
13	Electrically controlled emission from singlet and triplet exciton species in atomically thin light-emitting diodes. *Physical Review B*, **2021**, 103,	3.3	10
12	Bilayer Wigner crystals in a transition metal dichalcogenide heterostructure. *Nature*, **2021**, 595, 48-52	50.4	16
11	Excitons in a reconstructed moir potential in twisted WSe/WSe homobilayers. *Nature Materials*, **2021**, 20, 480-487	27	44
10	Electrically Tunable Valley Dynamics in Twisted WSe_{2}/WSe_{2} Bilayers. *Physical Review Letters*, **2020**, 124, 217403	7.4	50
9	Controlling Excitons in an Atomically Thin Membrane with a Mirror. *Physical Review Letters*, **2020**, 124, 027401	7.4	36
8	Broken mirror symmetry in excitonic response of reconstructed domains in twisted MoSe/MoSe bilayers. *Nature Nanotechnology*, **2020**, 15, 750-754	28.7	46
7	Liquid Salt Transport Growth of Single Crystals of the Layered Dichalcogenides MoS2 and WS2. *Crystal Growth and Design*, **2019**, 19, 5762-5767	3.5	9
6	Electrically Tunable Exciton-Plasmon Coupling in a WSe Monolayer Embedded in a Plasmonic Crystal Cavity. *Nano Letters*, **2019**, 19, 3543-3547	11.5	15
5	Electrical control of interlayer exciton dynamics in atomically thin heterostructures. *Science*, **2019**, 366, 870-875	33.3	135
4	Large Excitonic Reflectivity of Monolayer MoSe_{2} Encapsulated in Hexagonal Boron Nitride. *Physical Review Letters*, **2018**, 120, 037402	7.4	117
3	Electrical control of charged carriers and excitons in atomically thin materials. *Nature Nanotechnology*, **2018**, 13, 128-132	28.7	113
2	Single Electron Transistor with Single Aromatic Ring Molecule Covalently Connected to Graphene Nanogaps. *Nano Letters*, **2017**, 17, 5335-5341	11.5	39
1	Probing dark excitons in atomically thin semiconductors via near-field coupling to surface plasmon polaritons. *Nature Nanotechnology*, **2017**, 12, 856-860	28.7	191