Jorge Quereda

List of Publications by Year
in descending order

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23	1,137	687220 13	752573 20
papers	citations	h-index	g-index

23	23	23	2708
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Low-Temperature Photocurrent Spectrum of Monolayer MoSe2: Excitonic Features and Gate Voltage Dependence. Nanomaterials, 2022, 12, 322.	1.9	4
2	Stretching ReS2 along different crystal directions: Anisotropic tuning of the vibrational and optical responses. Applied Physics Letters, 2022, 120, .	1.5	6
3	Scalable and low-cost fabrication of flexible WS2 photodetectors on polycarbonate. Npj Flexible Electronics, 2022, 6, .	5.1	21
4	Fast response photogating in monolayer MoS₂ phototransistors. Nanoscale, 2021, 13, 16156-16163.	2.8	13
5	The role of device asymmetries and Schottky barriers on the helicity-dependent photoresponse of 2D phototransistors. Npj 2D Materials and Applications, 2021, 5, .	3.9	8
6	Ionic-Liquid Gating in Two-Dimensional TMDs: The Operation Principles and Spectroscopic Capabilities. Micromachines, 2021, 12, 1576.	1.4	5
7	Excitons, trions and Rydberg states in monolayer MoS2 revealed by low-temperature photocurrent spectroscopy. Communications Physics, 2020, 3, .	2.0	19
8	Semiconductor channel-mediated photodoping in h-BN encapsulated monolayer MoSe ₂ phototransistors. 2D Materials, 2019, 6, 025040.	2.0	12
9	Bilayer h-BN barriers for tunneling contacts in fully-encapsulated monolayer MoSe ₂ field-effect transistors. 2D Materials, 2019, 6, 015002.	2.0	21
10	Observation of bright and dark exciton transitions in monolayer MoSe ₂ by photocurrent spectroscopy. 2D Materials, 2018, 5, 015004.	2.0	21
11	Symmetry regimes for circular photocurrents in monolayer MoSe2. Nature Communications, 2018, 9, 3346.	5.8	53
12	Strain engineering of Schottky barriers in single- and few-layer MoS ₂ vertical devices. 2D Materials, 2017, 4, 021006.	2.0	54
13	Strong Modulation of Optical Properties in Black Phosphorus through Strain-Engineered Rippling. Nano Letters, 2016, 16, 2931-2937.	4.5	199
14	Strong Quantum Confinement Effect in the Optical Properties of Ultrathin Î±â€in₂Se₃. Advanced Optical Materials, 2016, 4, 1939-1943.	3.6	89
15	Enhanced superconductivity in atomically thin TaS2. Nature Communications, 2016, 7, 11043.	5.8	285
16	Spatially resolved optical absorption spectroscopy of single- and few-layer MoS₂by hyperspectral imaging. Nanotechnology, 2016, 27, 115705.	1.3	145
17	Enhanced Visibility of MoS2, MoSe2, WSe2 and Black-Phosphorus: Making Optical Identification of 2D Semiconductors Easier. Electronics (Switzerland), 2015, 4, 847-856.	1.8	44
18	Single-layer MoS2 roughness and sliding friction quenching by interaction with atomically flat substrates. Applied Physics Letters, 2014, 105, .	1.5	64

#	Article	IF	Citations
19	Mechanical Properties and Electric Field Screening of Atomically Thin MoS2 Crystals. Lecture Notes in Nanoscale Science and Technology, 2014, , 129-153.	0.4	0
20	Fast and reliable identification of atomically thin layers of TaSe2 crystals. Nano Research, 2013, 6, 191-199.	5.8	62
21	Calibrating the frequency of tuning forks by means of Lissajous figures. American Journal of Physics, 2011, 79, 517-520.	0.3	10
22	Fiber-coupled light-emitting diodes (LEDs) as safe and convenient light sources for the characterization of optoelectronic devices. Open Research Europe, 0, 1, 98.	2.0	2
23	Fiber-coupled light-emitting diodes (LEDs) as safe and convenient light sources for the characterization of optoelectronic devices. Open Research Europe, 0, 1, 98.	2.0	0