

Cedric Robert

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,778
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2379
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton radiative lifetime in transition metal dichalcogenide monolayers. Physical Review B, 2016, 93, .	3.2	335
2	In-Plane Propagation of Light in Transition Metal Dichalcogenide Monolayers: Optical Selection Rules. Physical Review Letters, 2017, 119, 047401.	7.8	257
3	Charged excitons in monolayer WSe_2 : Experiment and theory. Physical Review B, 2017, 96, .	3.2	205
4	Revealing exciton masses and dielectric properties of monolayer semiconductors with high magnetic fields. Nature Communications, 2019, 10, 4172.	12.8	179
5	Spin-orbit engineering in transition metal dichalcogenide alloy monolayers. Nature Communications, 2015, 6, 10110.	12.8	176
6	Fine structure and lifetime of dark excitons in transition metal dichalcogenide monolayers. Physical Review B, 2017, 96, .	3.2	141
7	Gate-Controlled Spin-Valley Locking of Resident Carriers in WSe_2 Monolayers. Physical Review Letters, 2017, 119, 137401.	7.8	107
8	Measurement of the spin-forbidden dark excitons in MoS2 and MoSe2 monolayers. Nature Communications, 2020, 11, 4037.	12.8	86
9	Control of the Exciton Radiative Lifetime in van der Waals Heterostructures. Physical Review Letters, 2019, 123, 067401.	7.8	85
10	Excitonic properties of semiconducting monolayer and bilayer MoT_e . Physical Review B, 2016, 94, .	3.2	60
11	Guide to optical spectroscopy of layered semiconductors. Nature Reviews Physics, 2021, 3, 39-54.	26.6	41
12	Spin/valley pumping of resident electrons in WSe_2 and WS_2 monolayers. Nature Communications, 2021, 12, 5455.	12.8	30
13	Relaxation and darkening of excitonic complexes in electrostatically doped monolayer WSe_2 : Roles of exciton-electron and trion-electron interactions. Physical Review B, 2022, 105, .	3.2	25
14	Exciton valley depolarization in monolayer transition-metal dichalcogenides. Physical Review B, 2020, 101, .	3.2	23
15	Unveiling the Optical Emission Channels of Monolayer Semiconductors Coupled to Silicon Nanoantennas. ACS Photonics, 2020, 7, 3106-3115.	6.6	16
16	When bright and dark bind together. Nature Nanotechnology, 2018, 13, 982-983.	31.5	7
17	Optical Detection of Long Electron Spin Transport Lengths in a Monolayer Semiconductor. Physical Review Letters, 2022, 129, .	7.8	2