

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 | 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 | 23 |
| 2 | Optical Detection of Long Electron Spin Transport Lengths in a Monolayer Semiconductor. Physical Review Letters, 2022, 129, . | 7.8 | 2 |
| 3 | Guide to optical spectroscopy of layered semiconductors. Nature Reviews Physics, 2021, 3, 39-54. | 26.6 | 41 |
| 4 | Spin/valley pumping of resident electrons in WSe_2 and WS_2 monolayers. Nature Communications, 2021, 12, 5455. | 12.8 | 30 |
| 5 | Unveiling the Optical Emission Channels of Monolayer Semiconductors Coupled to Silicon Nanoantennas. ACS Photonics, 2020, 7, 3106-3115. | 6.6 | 16 |
| 6 | Measurement of the spin-forbidden dark excitons in MoS_2 and MoSe_2 monolayers. Nature Communications, 2020, 11, 4037. | 12.8 | 86 |
| 7 | Exciton valley depolarization in monolayer transition-metal dichalcogenides. Physical Review B, 2020, 101, . | 3.2 | 23 |
| 8 | Control of the Exciton Radiative Lifetime in van der Waals Heterostructures. Physical Review Letters, 2019, 123, 067401. | 7.8 | 85 |
| 9 | Revealing exciton masses and dielectric properties of monolayer semiconductors with high magnetic fields. Nature Communications, 2019, 10, 4172. | 12.8 | 179 |
| 10 | When bright and dark bind together. Nature Nanotechnology, 2018, 13, 982-983. | 31.5 | 7 |
| 11 | Gate-Controlled Spin-Valley Locking of Resident Carriers in WSe_2 Monolayers. Physical Review Letters, 2017, 119, 137401. | 7.8 | 107 |
| 12 | Fine structure and lifetime of dark excitons in transition metal dichalcogenide monolayers. Physical Review B, 2017, 96, . | 3.2 | 141 |
| 13 | In-Plane Propagation of Light in Transition Metal Dichalcogenide Monolayers: Optical Selection Rules. Physical Review Letters, 2017, 119, 047401. | 7.8 | 257 |
| 14 | Charged excitons in monolayer WSe_2 : Experiment and theory. Physical Review B, 2017, 96, . | 3.2 | 200 |
| 15 | Exciton radiative lifetime in transition metal dichalcogenide monolayers. Physical Review B, 2016, 93, . | 3.2 | 335 |
| 16 | Excitonic properties of semiconducting monolayer and bilayer MoT_2 . Physical Review B, 2016, 94, . | 3.2 | 60 |
| 17 | Spin-orbit engineering in transition metal dichalcogenide alloy monolayers. Nature Communications, 2015, 6, 10110. | 12.8 | 176 |