AÃ¯da Hichri

List of Publications by Year
in descending order

10 papers	108 citations	1478280 6 h-index	1372474 10 g-index
10 all docs	10 docs citations	10 times ranked	185 citing authors

#	Article	IF	Citations
1	Manipulating single-photon emitter radiative lifetime in transition-metal dichalcogenides through FÃ¶rster resonance energy transfer to graphene. Physical Review B, 2021, 104, .	1.1	2
2	Resonance energy transfer from moirÃ©-trapped excitons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Mo</mml:mi><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi mathvariant="normal">W</mml:mi><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> heterobilayers to	0.9	4
3	On the role of nano-confined water at the 2D/SiO₂ interface in layer number engineering of exfoliated MoS₂ via thermal annealing. 2D Materials, 2020, 7, 025001.	2.0	12
4	Trion fine structure and anomalous Hall effect in monolayer transition metal dichalcogenides. Physical Review B, 2020, 102, .	1.1	6
5	Charged excitons in two-dimensional transition metal dichalcogenides: Semiclassical calculation of Berry curvature effects. Physical Review B, 2019, 100, .	1.1	14
6	Radiative lifetime of localized excitons in transition-metal dichalcogenides. Physical Review B, 2018, 98, .	1.1	22
7	Exciton center-of-mass localization and dielectric environment effect in monolayer WS2. Journal of Applied Physics, 2017, 121, 235702.	1.1	20
8	Dielectric environment and/or random disorder effects on free, charged and localized excitonic states in monolayer WS₂. Journal of Physics Condensed Matter, 2017, 29, 435305.	0.7	17
9	Indium selenide monolayer: strain-enhanced optoelectronic response and dielectric environment-tunable 2D exciton features. Journal of Physics Condensed Matter, 2017, 29, 505302.	0.7	2
10	Comparative study of the exciton binding energies of thin and ultrathin organic-inorganic perovskites due to dielectric mismatch effects. Journal of Applied Physics, 2017, 122, .	1.1	9