

Dean Moldovan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1362089/publications.pdf>

Version: 2024-02-01

11
papers

487
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular collapse in monolayer graphene. 2D Materials, 2019, 6, 045047.	4.4	9
2	Magnetic field dependence of the atomic collapse state in graphene. 2D Materials, 2018, 5, 015017.	4.4	15
3	Electronic properties of bilayer phosphorene quantum dots in the presence of perpendicular electric and magnetic fields. Physical Review B, 2017, 96, .	3.2	31
4	Tuning a circular p-n junction in graphene from quantum confinement to optical guiding. Nature Nanotechnology, 2017, 12, 1045-1049.	31.5	79
5	Aharonov-Bohm oscillations in phosphorene quantum rings. Physical Review B, 2017, 95, .	3.2	19
6	Strain engineering of the electronic properties of bilayer graphene quantum dots. Physica Status Solidi - Rapid Research Letters, 2016, 10, 39-45.	2.4	9
7	Realization of a tunable artificial atom at a supercritically charged vacancy in graphene. Nature Physics, 2016, 12, 545-549.	16.7	110
8	Veselago lensing in graphene with a p-n junction: Classical versus quantum effects. Journal of Applied Physics, 2015, 118, .	2.5	20
9	Electronic states in a graphene flake strained by a Gaussian bump. Physical Review B, 2013, 88, .	3.2	50
10	Pseudo magnetic field in strained graphene: Revisited. Solid State Communications, 2013, 175-176, 76-82.	1.9	90
11	Resonant valley filtering of massive Dirac electrons. Physical Review B, 2012, 86, .	3.2	55