

Dean Moldovan

List of Publications by Year in descending order

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