

# Mohsen Amini

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

377  
citations

1163117

8  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct mapping of edge states in bilayer zigzag phosphorene nanoribbons into a SSH ladder model and optimizing their thermoelectric performance via edge state engineering. <i>European Physical Journal Plus</i> , 2022, 137, .	2.6	2
2	Double-Fano resonance in a two-level quantum system coupled to zigzag Phosphorene nanoribbon. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 387, 127012.	2.1	1
3	Thermoelectric properties of armchair phosphorene nanoribbons in the presence of vacancy-induced impurity band. <i>Nanotechnology</i> , 2021, 32, 375704.	2.6	11
4	Two-spin entanglement induced by scattering of backscattering-free chiral electrons in a Chern insulator. <i>Physical Review B</i> , 2020, 101, .	3.2	3
5	Quantum transport through the edge states of zigzag phosphorene nanoribbons in presence of a single point defect: analytic Green's function method. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 215301.	1.8	9
6	Two-impurity entanglement generation by electron scattering in zigzag phosphorene nanoribbons. <i>Quantum Information Processing</i> , 2019, 18, 1.	2.2	6
7	Vacancy-induced Fano resonances in zigzag phosphorene nanoribbons. <i>Physical Review B</i> , 2019, 99, .	3.2	14
8	Tunable transmission due to defects in zigzag phosphorene nanoribbons. <i>Europhysics Letters</i> , 2019, 125, 67001.	2.0	9
9	Molecular dynamics study of gold nano-clusters aggregation on a model defected graphene. <i>Indian Journal of Physics</i> , 2019, 93, 733-738.	1.8	0
10	Survival probability in Generalized Rosenzweig-Porter random matrix ensemble. , 2019, 6, .		51
11	2-[2-Methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrrol-3-yl]-2-oxo-N-(pyridin-4-yl) acetamide. <i>MolBank</i> , 2018, 2018, 1002.	0.5	6
12	Spread of wave packets in disordered hierarchical lattices. <i>Europhysics Letters</i> , 2017, 117, 30003.	2.0	20
13	Casimir torque between two inhomogeneous semi-transparent concentric cylinders. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	2
14	A random matrix model with localization and ergodic transitions. <i>New Journal of Physics</i> , 2015, 17, 122002.	2.9	157
15	Multifractality and quantum-to-classical crossover in the Coulomb anomaly at the Mott-Anderson metal-insulator transition. <i>New Journal of Physics</i> , 2014, 16, 015022.	2.9	37
16	The effects of temperature and vacancies on dynamics of crack in graphene sheet. <i>AIP Advances</i> , 2014, 4, .	1.3	14
17	Reply to the Comment by J. Schleede et al.. <i>Europhysics Letters</i> , 2010, 90, 17003.	2.0	3
18	Anderson transition in disordered bilayer graphene. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 255503.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Anderson transition in disordered graphene. Europhysics Letters, 2009, 87, 37002.	2.0	31