Hadi Goudarzi

List of Publications by Year
in descending order

45 papers	176 citations	1464605 7 h-index	1427216 11 g-index
45 all docs	45 docs citations	45 times ranked	121 citing authors

#	Article	IF	Citations
1	Superconductivity and magnetic exchange field coexistence in monolayer MoS2. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 125, 114388.	1.3	1
2	Higgs-mode signature in ultrafast electron dynamics in superconducting graphene. Physical Review B, 2021, 104, .	1.1	2
3	Coherent electron dynamics in monolayer MoS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e500" altimg="si14.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> under ultrashort optical pulse. Superlattices and Microstructures, 2020, 144, 106566.	1.4	2
4	Coulomb Blockade Effect in Well-Arranged 2D Arrays of Palladium Nano-Islands for Hydrogen Detection at Room Temperature: A Modeling Study. Nanomaterials, 2020, 10, 835.	1.9	0
5	Effect of torus-shape curved space on energy spectrum and magnetization of Dirac fermions in graphene. Physica Scripta, 2020, 95, 045226.	1.2	0
6	Ultrafast electron dynamics in monolayer MoS₂ interacting with optical pulse influenced by exchange field and waveform. Journal of Physics Condensed Matter, 2020, 32, 355403.	0.7	2
7	Carrier-envelope phase and off-resonant light-controlled electron dynamics in monolayer WSe₂. Journal Physics D: Applied Physics, 2020, 53, 465110.	1.3	2
8	Mass-like band-gap creation in superconducting topological insulator due to mixed singlet and triplet states. Journal of Physics Condensed Matter, 2019, 31, 415404.	0.7	2
9	Tunable superconducting effective gap in graphene-TMDC heterostructures. Physica B: Condensed Matter, 2019, 559, 32-37.	1.3	2
10	Asymmetric d -wave superconducting topological insulator in proximity with a magnetic order. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 351-356.	0.9	4
11	Asymmetric Andreev resonant state with a magnetic exchange field in spin-triplet superconducting monolayer MoS 2. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 97, 69-74.	1.3	1
12	Novel Majorana mode and magnetoresistance in ferromagnetic superconducting topological insulator. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 87, 155-160.	1.3	6
13	Spin-triplet f -wave symmetry in superconducting monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>M</mml:mi><mml:mi>o</mml:mi><mml:msub><mml:mi>S</mml:mi><mml:mn>2</mml:mn></mml:mr Superlattices and Microstructures, 2017, 104, 1-9.	1.4	5
14	Relativistic and noise effects on multiplayer Prisonersâ€™ dilemma with entangling initial states. Indian Journal of Physics, 2017, 91, 1381-1388.	0.9	0
15	Dominant Majorana bound energy and critical current enhancement in ferromagnetic-superconducting topological insulator. European Physical Journal B, 2017, 90, 1.	0.6	4
16	Magnetization of disclinated graphene in nonuniform magnetic field. International Journal of Modern Physics B, 2017, 31, 1750013.	1.0	1
17	Quantum Transport Mode in Graphene Nanoribbon Based Transistor. Journal of Nanoelectronics and Optoelectronics, 2017, 12, 886-890.	0.1	1
18	Geometry Effect on Graphene Nano Scroll Based Double Barrier Transistor. Journal of Computational and Theoretical Nanoscience, 2017, 14, 2442-2446.	0.4	0

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19	Conduction band population in graphene in ultrashort strong laser field: Case of massive Dirac particles. International Journal of Modern Physics B, 2016, 30, 1650122.	1.0	4
20	Pauli isotonic oscillatorwith an anomalous magnetic moment in the presence of the Aharonovâ€“Bohm effect: Laplace transform approach. Theoretical and Mathematical Physics(Russian Federation), 2016, 186, 286-293.	0.3	2
21	Transport properties of spin-triplet superconducting monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 93, .	1.1	15
22	Electrical Property Analytical Prediction on Archimedes Chiral Carbon Nanoscrolls. Journal of Electronic Materials, 2016, 45, 5404-5411.	1.0	10
23	Andreev reflection and subgap conductance in monolayer MoS 2 ferromagnet/ s and d -wave superconductor junction. Superlattices and Microstructures, 2016, 93, 73-81.	1.4	4
24	The effect of entanglement and non-inertial frame on four-qubit quantum game. Iranian Journal of Physics Research, 2016, 16, 111-121.	0.0	0
25	Suppressed Andreev reflection and helical Andreev bound states in triplet superconductor three-dimensional topological insulator. International Journal of Modern Physics B, 2015, 29, 1550018.	1.0	1
26	Strained graphene Josephson junction with anisotropic d-wave superconductivity. Superlattices and Microstructures, 2015, 83, 101-111.	1.4	12
27	Valley permitted Klein tunneling and magnetoresistance in ferromagnetic monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MoS</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Superlattices and Microstructures, 2015, 86, 243-249.	1.4	15
28	Helical Andreev bound states in topological insulator f-wave Josephson junction. Physica C: Superconductivity and Its Applications, 2015, 508, 6-11.	0.6	5
29	Tunneling of Dirac fermions in a magnetic-induced gapped topological insulator-based $$F/I/F$$ F / I / F junction. Indian Journal of Physics, 2015, 89, 55-60.	0.9	3
30	The Laplace transform approach for a Dirac isotonic oscillator with a tensor potential inD-dimensions. Physica Scripta, 2014, 89, 015001.	1.2	4
31	Effect of d-wave pair coupling on evanescent type of Andreev reflection. Physica C: Superconductivity and Its Applications, 2014, 502, 36-40.	0.6	1
32	Transport Properties of Topological Insulator-Based Ferromagnet/f-Wave Superconductor Junction. Journal of Superconductivity and Novel Magnetism, 2013, 26, 3355-3362.	0.8	7
33	T-matrix approach for graphene in 2-D scalar potential. Indian Journal of Physics, 2013, 87, 1105-1108.	0.9	3
34	Exact solutions of the Manningâ€“Rosen potential plus a ring-shaped like potential for the Dirac equation: spin and pseudospin symmetry. Physica Scripta, 2013, 87, 025703.	1.2	13
35	Effect of strain on doped graphene-based N/I/S junction with d-wave superconductivity. Superlattices and Microstructures, 2013, 63, 58-69.	1.4	2
36	Gapped graphene-based Josephson junction with d-wave pair coupling. Physica C: Superconductivity and Its Applications, 2013, 489, 8-12.	0.6	3

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37	Tunneling conductance in gapped graphene-based f-wave superconductor N/S and N/I/S junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 2082-2088.	1.3	6
38	Effect of uniform acceleration on multiplayer quantum game. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 225301.	0.7	11
39	p-Wave Asymmetry Pairing in Graphene-Superconductor Junction. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1635-1639.	0.8	0
40	Effect of p-pairing symmetry on tunneling conductance in a gapped grapheneâ€“superconductor junction. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1338-1342.	1.3	4
41	Solution of Dirac equation with spin and pseudospin symmetry for an anharmonic oscillator. Journal of Mathematical Physics, 2011, 52, 013506.	0.5	7
42	Pseudomagnetic Moment in Graphene in Time-Dependent Electric Field. Acta Physica Polonica A, 2011, 119, 424-427.	0.2	0
43	Tunneling conductance in gapped graphene-based normal metalâ€“insulatorâ€“superconductor junctions: Case of massive Dirac electrons. Physica C: Superconductivity and Its Applications, 2010, 470, 1981-1985.	0.6	4
44	Tunneling conductance in a gapped graphene-based normal metalâ€“insulatorâ€“d-wave superconductor junction: Case of massive Dirac electrons. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 43, 604-609.	1.3	8
45	Stability of QED Vacuum and 3+1 Dimensional Scattering Problem inÂtheÂPresence ofÂaÂCoulomb Scalar Potential and Vector Field. International Journal of Theoretical Physics, 2008, 47, 3121-3129.	0.5	1