Gholamreza Rashedi

List of Publications by Year
in descending order

36	344	933447 10	888059 17
papers	citations	h-index	g-index

37	37	37	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin-polarized Josephson current in superconductor/ferromagnet/superconductor junctions with inhomogeneous magnetization. Physical Review B, 2010, 81, .	3.2	82
2	Thermal transport properties of graphene-based ferromagnetic/singlet superconductor/ferromagnetic junctions. Journal of Applied Physics, 2010, 107, .	2.5	24
3	Signatures of d-wave symmetry on thermal Dirac fermions in graphene-based F|I|d junctions. Journal of Applied Physics, 2010, 108, .	2.5	20
4	In-plane magnetoresistance on the surface of topological insulator. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 966-970.	2.7	20
5	Spin polarized transport in the weak link between f-wave superconductors. Physica C: Superconductivity and Its Applications, 2007, 451, 31-37.	1.2	18
6	Spin-polarized conductance in graphene-based FSF junctions. Physica C: Superconductivity and Its Applications, 2010, 470, 703-708.	1.2	15
7	GMR effects in graphene-based Ferromagnetic/Normal/Ferromagnetic junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 44, 647-653.	2.7	13
8	Thermoelectric power generation efficiency of zigzag monolayer nanoribbon of bismuth. Nanotechnology, 2020, 31, 375403.	2.6	13
9	Spin-dependent transport properties through gapless graphene-based ferromagnet and gapped graphene-based superconductor junction. Journal of Applied Physics, 2012, 112, .	2.5	11
10	Thermoelectric properties of armchair phosphorene nanoribbons in the presence of vacancy-induced impurity band. Nanotechnology, 2021, 32, 375704.	2.6	11
11	Phase-controlled proximity effect in ferromagnetic Josephson junctions: Calculation of the density of states and the electronic specific heat. Physical Review B, 2010, 82, .	3.2	10
12	Spin and charge currents in SNS Josephson junction with f-wave pairing symmetry. Journal of Physics Condensed Matter, 2010, 22, 415701.	1.8	9
13	Control of entanglement between two dissipative non-interacting qubits in a common heat bath by a laser field. European Physical Journal D, 2013, 67, 1.	1.3	9
14	Transport of charge and spin in the weak link between misoriented PrOs4Sb12superconductors. Superconductor Science and Technology, 2005, 18, 482-488.	3.5	8
15	Valley polarized current and Fano factor in a ferromagnetic/normal/ferromagnetic silicene superlattice junction. Journal of Magnetism and Magnetic Materials, 2017, 442, 15-24.	2.3	8
16	Transport properties of silicene-based ferromagnetic-insulator-superconductor junction. Journal of Applied Physics, 2017, 122, 043906.	2.5	7
17	Transport properties in ferromagnetic Josephson junctions between triplet superconductors. Journal of Physics Condensed Matter, 2011, 23, 275702.	1.8	6
18	Tunneling transport in d-wave superconductor-silicene junction. Superlattices and Microstructures, 2017, 102, 202-211.	3.1	6

#	Article	IF	Citations
19	Perfect valley and spin polarizations in a superlattice of ferromagnetic gapped graphene with spin-orbit coupling. Journal of Magnetism and Magnetic Materials, 2019, 488, 165329.	2.3	6
20	Spin and charge zero-bias conductance peak in a graphene-based Fd junction. Journal of Applied Physics, 2012, 112, 113910.	2.5	5
21	Magnetoresistance in graphene-based ferromagnetic/ferromagnetic barrier/superconductor junction. Journal of Applied Physics, 2012, 111, .	2.5	5
22	Three dimensional topological insulators of CuxAu1â^'xInTe2 alloys. Journal of Alloys and Compounds, 2014, 593, 235-241.	5.5	5
23	Spin-dependent barrier effects on the transport properties of graphene-based normal metal/ferromagnetic barrier/d-wave superconductor junction. Journal of Magnetism and Magnetic Materials, 2014, 362, 36-41.	2.3	5
24	Conductance and Fano factor in normal/ferromagnetic/normal bilayer graphene junction. Journal of Physics Condensed Matter, 2014, 26, 255302.	1.8	5
25	Effect of d -orbitals on the energy gap of group-III nitrides nanostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 85, 324-333.	2.7	5
26	Charge and spin currents in a ballistic SNS Josephson junction between p-wave superconductors. Low Temperature Physics, 2010, 36, 205-209.	0.6	4
27	Analysis of electronical properties of Bismuth and Silicene antidot in the presence of strain using the four-orbital tight-binding method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126364.	2.1	4
28	Stationary Josephson effect in a weak link between nonunitary triplet superconductors. Low Temperature Physics, 2005, 31, 481-485.	0.6	3
29	Generation of entanglement in electro-mechanical systems: two micro-mechanical resonators coupled to a transmission-line resonator. European Physical Journal D, 2015, 69, 1.	1.3	3
30	Effect of d-wave pairing symmetry in transport properties of silicene-based superconductor junction. Physica C: Superconductivity and Its Applications, 2018, 549, 113-115.	1.2	2
31	Effect of parallel transport currents on the d-wave Josephson junction. Journal of Physics Condensed Matter, 2009, 21, 075704.	1.8	1
32	Analytical calculation of scattering from spin impurity and entanglement generation for edge states of Kaneâ€“Mele model. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 139, 115127.	2.7	1
33	Transport properties of a nonunitary SNS Josephson junction. Physica C: Superconductivity and Its Applications, 2012, 477, 1-5.	1.2	0
34	Charge and Spin Wiedemannâ€“Franz Law in Superconductorâ€“Ferromagnetâ€“Superconductor Junction. Journal of the Physical Society of Japan, 2013, 82, 064701.	1.6	0
35	Charge, spin and thermal transport of graphene-based FNF multilayer. Physica B: Condensed Matter, 2015, 468-469, 61-65.	2.7	0
36	Analysis of Optical Properties of MoS₂ Monolayer using Minimal-Basis Tight-Binding Models. Acta Physica Polonica A, 2017, 132, 313-315.	0.5	0