

Malek Zareyan

List of Publications by Year in descending order

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19
papers

499
citations

840776

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h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Electronic Spin Lenses. Physical Review Letters, 2010, 105, 146803.	7.8	70
2	Spin-switch effect from crossed Andreev reflection in superconducting graphene spin valves. Physical Review B, 2009, 80, .	3.2	66
3	Andreev-Klein reflection in graphene ferromagnet-superconductor junctions. Physical Review B, 2008, 78, .	3.2	65
4	Josephson effect in mesoscopic graphene strips with finite width. Physical Review B, 2006, 74, .	3.2	49
5	Pseudospin polarized quantum transport in monolayer graphene. Physical Review B, 2011, 83, .	3.2	37
6	Model of an Exotic Chiral Superconducting Phase in a Graphene Bilayer. Physical Review Letters, 2012, 108, 147001.	7.8	37
7	Long-range Josephson coupling through ferromagnetic graphene. Physical Review B, 2008, 78, .	3.2	34
8	Spin supercurrent in Josephson contacts with noncollinear ferromagnets. New Journal of Physics, 2011, 13, 083033.	2.9	31
9	Spin-Transfer and Exchange Torques in Ferromagnetic Superconductors. Physical Review Letters, 2012, 109, 237206.	7.8	20
10	Enhanced Andreev reflection in gapped graphene. Physical Review B, 2012, 86, .	3.2	19
11	Unconventional superconducting states of interlayer pairing in bilayer and trilayer graphene. Physical Review B, 2012, 86, .	3.2	14
12	Ballistic four-terminal Josephson junction: bistable states and magnetic flux transfer. Physica B: Condensed Matter, 2000, 291, 81-88.	2.7	11
13	Gate-controlled supercurrent reversal in MoS ₂ -based Josephson junctions. Europhysics Letters, 2014, 108, 37002.	2.0	10
14	Graphene-based ferromagnetic superconductors. Applied Physics Letters, 2012, 101, 252602.	3.3	8
15	Quantum transport of pseudospin-polarized Dirac fermions in gapped graphene nanostructures. Journal of Computational Electronics, 2013, 12, 134-144.	2.5	8
16	Supercurrent reversal in Josephson junctions based on bilayer graphene flakes. Physical Review B, 2015, 92, .	3.2	6
17	Coherent current states in a mesoscopic four-terminal Josephson junction. Low Temperature Physics, 1999, 25, 175-181.	0.6	5
18	Charge and spin Hall effect in spin chiral ferromagnetic graphene. Applied Physics Letters, 2013, 103, 132409.	3.3	5

#	ARTICLE	IF	CITATIONS
19	Ferromagnet/superconductor heterostructures in graphene. Solid State Communications, 2009, 149, 1106-1110.	1.9	4