

# Malek Zareyan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11703784/publications.pdf>

Version: 2024-02-01

19  
papers

499  
citations

840776

11  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercurrent reversal in Josephson junctions based on bilayer graphene flakes. Physical Review B, 2015, 92, .	3.2	6
2	Gate-controlled supercurrent reversal in MoS <sub>2</sub> -based Josephson junctions. Europhysics Letters, 2014, 108, 37002.	2.0	10
3	Quantum transport of pseudospin-polarized Dirac fermions in gapped graphene nanostructures. Journal of Computational Electronics, 2013, 12, 134-144.	2.5	8
4	Charge and spin Hall effect in spin chiral ferromagnetic graphene. Applied Physics Letters, 2013, 103, 132409.	3.3	5
5	Unconventional superconducting states of interlayer pairing in bilayer and trilayer graphene. Physical Review B, 2012, 86, .	3.2	14
6	Graphene-based ferromagnetic superconductors. Applied Physics Letters, 2012, 101, 252602.	3.3	8
7	Spin-Transfer and Exchange Torques in Ferromagnetic Superconductors. Physical Review Letters, 2012, 109, 237206.	7.8	20
8	Enhanced Andreev reflection in gapped graphene. Physical Review B, 2012, 86, .	3.2	19
9	Model of an Exotic Chiral Superconducting Phase in a Graphene Bilayer. Physical Review Letters, 2012, 108, 147001.	7.8	37
10	Spin supercurrent in Josephson contacts with noncollinear ferromagnets. New Journal of Physics, 2011, 13, 083033.	2.9	31
11	Pseudospin polarized quantum transport in monolayer graphene. Physical Review B, 2011, 83, .	3.2	37
12	Graphene-Based Electronic Spin Lenses. Physical Review Letters, 2010, 105, 146803.	7.8	70
13	Ferromagnet/superconductor heterostructures in graphene. Solid State Communications, 2009, 149, 1106-1110.	1.9	4
14	Spin-switch effect from crossed Andreev reflection in superconducting graphene spin valves. Physical Review B, 2009, 80, .	3.2	66
15	Long-range Josephson coupling through ferromagnetic graphene. Physical Review B, 2008, 78, .	3.2	34
16	Andreev-Klein reflection in graphene ferromagnet-superconductor junctions. Physical Review B, 2008, 78, .	3.2	65
17	Josephson effect in mesoscopic graphene strips with finite width. Physical Review B, 2006, 74, .	3.2	49
18	Ballistic four-terminal Josephson junction: bistable states and magnetic flux transfer. Physica B: Condensed Matter, 2000, 291, 81-88.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Coherent current states in a mesoscopic four-terminal Josephson junction. <i>Low Temperature Physics</i> , 1999, 25, 175-181.	0.6	5