

# Oleksiy Kashuba

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electronâ€™Hole Scattering Limited Transport of Dirac Fermions in a Topological Insulator. Nano Letters, 2021, 21, 5195-5200.	9.1	4
2	Semiclassical Conservation of Spin and Large Transverse Spin Current in Dirac Systems. Physical Review Letters, 2019, 122, 187703.	7.8	1
3	Probing chiral electronic excitations in bilayer graphene by Raman scattering. Physical Review Materials, 2019, 3, .	2.4	5
4	Auto- and cross-correlations in the spinful topological Kondo model. European Physical Journal: Special Topics, 2018, 227, 1413-1424.	2.6	1
5	Collective Yu-Shiba-Rusinov states in magnetic clusters at superconducting surfaces. Physical Review B, 2018, 97, .	3.2	11
6	Relativistic Gurzhi effect in channels of Dirac materials. Physical Review B, 2018, 97, .	3.2	27
7	Josephson junction dynamics in the presence of $2\pi\Phi_0$ - and $4\pi\Phi_0$ -periodic supercurrents. Physical Review B, 2017, 95, .	3.2	57
8	Dynamical transport measurement of the Luttinger parameter in helical edges states of two-dimensional topological insulators. Physical Review B, 2017, 95, .	3.2	12
9	Majorana STM as a perfect detector of odd-frequency superconductivity. Physical Review B, 2017, 95, .	3.2	27
10	Influence of spin dynamics of defects on weak localization in paramagnetic two-dimensional metals. Physical Review B, 2016, 93, .	3.2	2
11	Influence of Impurity Spin Dynamics on Quantum Transport in Epitaxial Graphene. Physical Review Letters, 2015, 115, 106602.	7.8	16
12	Topological Kondo Effect in Transport through a Superconducting Wire with Multiple Majorana End States. Physical Review Letters, 2015, 114, 116801.	7.8	23
13	Transient dynamics of open quantum systems. Physical Review B, 2013, 87, .	3.2	17
14	Oscillatory Dynamics and Non-Markovian Memory in Dissipative Quantum Systems. Physical Review Letters, 2013, 110, 100405.	7.8	35
15	Dynamical regimes of dissipative quantum systems. Physical Review B, 2013, 88, .	3.2	9
16	Interplay between uniaxial strain and magnetophonon resonance in graphene. Physical Review B, 2013, 87, .	3.2	6
17	Measurement of Filling-Factor-Dependent Magnetophonon Resonances in Graphene Using Raman Spectroscopy. Physical Review Letters, 2013, 110, 227402.	7.8	28
18	Quench dynamics of a dissipative quantum system: A renormalization group study. Physical Review B, 2013, 88, .	3.2	21

#	ARTICLE	IF	CITATIONS
19	Nonlinear adiabatic response of interacting quantum dots. <i>Europhysics Letters</i> , 2012, 98, 57003.	2.0	22
20	Role of electronic excitations in magneto-Raman spectra of graphene. <i>New Journal of Physics</i> , 2012, 14, 105016.	2.9	19
21	Selection rules for Raman-active electronic excitations in carbon nanotubes. <i>Physical Review B</i> , 2012, 85, .	3.2	4
22	Spectral features due to inter-Landau-level transitions in the Raman spectrum of bilayer graphene. <i>Physical Review B</i> , 2010, 82, .	3.2	28
23	Signature of electronic excitations in the Raman spectrum of graphene. <i>Physical Review B</i> , 2009, 80, .	3.2	47
24	Quantum kinetic equation and universal conductance fluctuations in graphene. <i>Physical Review B</i> , 2008, 77, .	3.2	64
25	Giant magnetothermopower and magnetoresistance in metals with embedded ferromagnetic nanoclusters. <i>Journal of Applied Physics</i> , 2007, 101, 014324.	2.5	2
26	$\sigma^{\pm}$ transition in superconductor-ferromagnet-superconductor junctions with strongly spin-dependent scattering. <i>Physical Review B</i> , 2007, 75, .	3.2	6
27	Thermally excited spin current and giant magnetothermopower in metals with embedded ferromagnetic nanoclusters. <i>Physical Review B</i> , 2006, 74, .	3.2	48