Yakov Kopelevich

List of Publications by Year
in descending order

21	998	840776 11	713466 21
papers	citations	h-index	g-index

22	22	22	1517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase Analysis of Quantum Oscillations in Graphite. Physical Review Letters, 2004, 93, 166402.	7.8	234
2	Signatures of Electron Fractionalization in Ultraquantum Bismuth. Science, 2007, 317, 1729-1731.	12.6	144
3	Strong piezoelectricity in single-layer graphene deposited on SiO2 grating substrates. Nature Communications, 2015, 6, 7572.	12.8	141
4	Dirac and Normal Fermions in Graphite and Graphene: Implications of the Quantum Hall Effect. Physical Review Letters, 2006, 97, 256801.	7.8	95
5	Oscillating Nernst-Ettingshausen Effect in Bismuth across the Quantum Limit. Physical Review Letters, 2007, 98, 166602.	7.8	85
6	Nernst Effect in Semimetals: The Effective Mass and the Figure of Merit. Physical Review Letters, 2007, 98, 076603.	7.8	73
7	Nernst effect and dimensionality in the quantumÂlimit. Nature Physics, 2010, 6, 26-29.	16.7	68
8	Magnetization measurement of a possible high-temperature superconducting state in amorphous carbon doped with sulfur. Physical Review B, 2009, 79, .	3.2	39
9	Dirac Fermions in graphite: The state of art. Physica B: Condensed Matter, 2009, 404, 404-406.	2.7	20
10	Unstable and elusive superconductors. Physica C: Superconductivity and Its Applications, 2015, 514, 237-245.	1.2	17
11	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2001, 14, 41-46.	0.5	11
12	Comment on â€œConsistent Interpretation of the Low-Temperature Magnetotransport in Graphite Using the Slonczewski-Weiss-McClure 3D Band-Structure Calculationsâ€• Physical Review Letters, 2010, 104, 119701; author reply 119702.	7.8	9
13	Charge ordering in amorphous WOx films. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 419-422.	2.1	8
14	Unconventional spin-glass-like state in AgCo2V3O10, the novel magnetically frustrated material. Journal of Magnetism and Magnetic Materials, 2019, 491, 165623.	2.3	8
15	Local and global superconductivity in bismuth. Low Temperature Physics, 2011, 37, 889-892.	0.6	5
16	Piezoelectric Actuation of Graphene-Coated Polar Structures. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2142-2147.	3.0	4
17	Graphite as a bose metal. Brazilian Journal of Physics, 2003, 33, 737-739.	1.4	4
18	Correspondence: Reply to â€˜On the nature of strong piezoelectricity in graphene on SiO2â€™. Nature Communications, 2016, 7, 11571.	12.8	3

#	Article	IF	Citations
19	Anomalous Hall effect in bismuth. Journal of Magnetism and Magnetic Materials, 2021, 525, 167581.	2.3	3
20	SIGNATURES OF INHOMOGENEOUS ELECTRONIC STATE IN QUANTUM LIMIT IN GRAPHITE. International Journal of Modern Physics B, 2009, 23, 2723-2726.	2.0	2
21	Charge ordering in amorphous WOx films. Physica B: Condensed Matter, 2008, 403, 1211-1212.	2.7	0