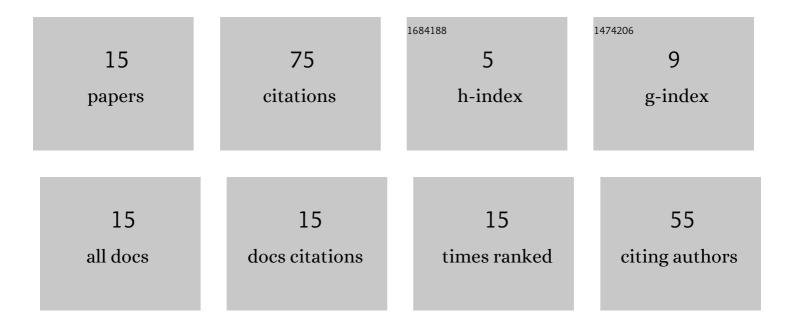
Sergii Kuplevakhsky

List of Publications by Year in descending order

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SEPCIL KIIDLEVAKHSKY

#	Article	IF	CITATIONS
1	Higgs mechanism in superconducting structures. Low Temperature Physics, 2017, 43, 329-342.	0.6	о
2	Oscillations of critical superconducting current in thin doubly-connected Sn films in an external perpendicular magnetic field. Low Temperature Physics, 2014, 40, 408-417.	0.6	6
3	Soliton states in mesoscopic two-band-superconducting cylinders. Low Temperature Physics, 2011, 37, 667-677.	0.6	32
4	Exact analytical solution of a classical Josephson tunnel junction problem. Low Temperature Physics, 2010, 36, 1012-1021.	0.6	6
5	Josephson Vortices in Weakly-Coupled Superconductors as Topological Solitons of the Sine-Gordon Equations for Phase Differences. Journal of Low Temperature Physics, 2005, 139, 141-154.	1.4	2
6	Topological solitons of the Lawrence–Doniach model as equilibrium Josephson vortices in layered superconductors. Low Temperature Physics, 2004, 30, 646-660.	0.6	3
7	Microscopic theory of weakly coupled superconducting multilayers in an external magnetic field. Physical Review B, 1999, 60, 7496-7511.	3.2	10
8	Current-carrying states in superconductor/insulator and superconductor/semiconductor superlattices in the mesoscopic regime. Superlattices and Microstructures, 1999, 25, 819-828.	3.1	1
9	Current-carrying states in superconducting multilayers with Josephson interlayer coupling for temperatures close toTc0:A microscopic theory. Physical Review B, 1997, 56, 2764-2778.	3.2	6
10	Microscopic theory of the dc Josephson effect in clean superconductor/insulator and superconductor/semiconductor multilayers. Physical Review B, 1997, 56, 7858-7861.	3.2	4
11	Flux quantization in inhomogeneous superconductors. European Physical Journal D, 1996, 46, 2825-2826.	0.4	1
12	Subgap excitations in an irregular superconductingS/I superlattice in the current-carrying state. European Physical Journal D, 1996, 46, 581-582.	0.4	0
13	Current-induced bound states in superconducting junctions of finite dimension. Physica B: Condensed Matter, 1996, 218, 138-140.	2.7	0
14	Influence of magnetic field and Pincus states in normal-metal—superconductor tunnel junctions. Physical Review B, 1996, 54, 6545-6556.	3.2	2
15	Effect of the exchange interaction on the Josephson current and the energy spectrum of a superconducting junction with a paramagnetic tunnel barrier. Journal of Magnetism and Magnetic Materials, 1995, 148, 218-220	2.3	2