

V N Kushnir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10678216/publications.pdf>

Version: 2024-02-01

23
papers

158
citations

1307594

7
h-index

1281871

11
g-index

23
all docs

23
docs citations

23
times ranked

118
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Critical temperature and interface transparency of N/S/N triple layers: theory and experiment. European Physical Journal B, 2006, 52, 9-14. | 1.5 | 18 |
| 2 | Proximity effect and interface transparency in Nb/Cu multilayers. Journal of Applied Physics, 2009, 106, 113917. | 2.5 | 18 |
| 3 | Multiple order parameter configurations in superconductor/ferromagnet multilayers. Physical Review B, 2011, 84, . | 3.2 | 13 |
| 4 | Evaluation of the specific boundary resistance of superconducting/weakly ferromagnetic hybrids by critical temperature measurements. Journal of Applied Physics, 2011, 110, 113904. | 2.5 | 12 |
| 5 | Temperature scaling of the flux pinning force in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} thin films. Journal of Applied Physics, 1996, 79, 4228. | 2.5 | 10 |
| 6 | Resistive transitions in Nb/Cu _{0.41} Ni _{0.59} /Nb trilayers. JETP Letters, 2008, 88, 375-379. | 1.4 | 10 |
| 7 | Effect of the variation of the exchange energy on the superconducting critical temperature of S/F/S trilayers. European Physical Journal B, 2011, 80, 445-449. | 1.5 | 10 |
| 8 | Effect of symmetry on the resistive characteristics of proximity coupled metallic multilayers. Physical Review B, 2003, 68, . | 3.2 | 8 |
| 9 | Nucleation of superconductivity in finite metallic multilayers: Effect of the symmetry. European Physical Journal B, 2004, 41, 439-444. | 1.5 | 8 |
| 10 | Effect of geometrical symmetry on the angular dependence of the critical magnetic field in superconductor/normal metal multilayers. Physical Review B, 2005, 72, . | 3.2 | 7 |
| 11 | Basic Superconducting Spin Valves. Nanoscience and Technology, 2018, , 1-29. | 1.5 | 7 |
| 12 | Upper critical fields in superconductorâ€œnormal metal type superlattices in the Ginzburgâ€œLandau approximation. Low Temperature Physics, 1999, 25, 948-952. | 0.6 | 6 |
| 13 | Critical states of superconductivity and their crossover in multilayer superconductor/ferromagnet structures. JETP Letters, 2011, 93, 539-544. | 1.4 | 5 |
| 14 | Superconducting Triplet Proximity and Josephson Spin Valves. Nanoscience and Technology, 2018, , 31-47. | 1.5 | 5 |
| 15 | Crossover from thermally activated to steady flow in the vortex dynamics of Bi ₂ Sr ₂ CaCu ₂ O _{8+x} thin films. Superconductor Science and Technology, 1999, 12, 533-537. | 3.5 | 4 |
| 16 | Interface Properties of Superconductor-Based Heterostructures from Critical Temperature Measurements. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2861-2862. | 1.8 | 4 |
| 17 | Proximity Effect in a Superconducting Triplet Spin Valve S ₁ /F ₁ /S ₂ /F ₂ . Physics of the Solid State, 2019, 61, 1535-1538. | 0.6 | 4 |
| 18 | Pinning force and peak effect in superconductor/normal-metal multilayers. Physical Review B, 2001, 63, . | 3.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The influence of a submicrometre antidot array on the vortex topology and the pinning mechanism in layered superconductors. Superconductor Science and Technology, 2005, 18, 152-157. | 3.5 | 3 |
| 20 | Parametric spin-valve effect in superconductor/ferromagnet structures. Low Temperature Physics, 2016, 42, 900-904. | 0.6 | 3 |
| 21 | EFFECT OF THE SYMMETRY ON THE PROPERTIES OF SUPERCONDUCTOR/NORMAL METAL NANOSTRUCTURES. , 2001, , . | | 0 |
| 22 | Superconducting Critical Temperature and Magnetic Inhomogeneities in Superconductor/Ferromagnet/Superconductor Trilayers. Solid State Phenomena, 0, 190, 409-412. | 0.3 | 0 |
| 23 | SUPERCritical STATES OF SUPERCONDUCTIVITY IN THE SUPERCONDUCTOR/FERROMAGNET MULTILAYERED NANOSTRUCTURES. , 2013, , . | | 0 |