



проф. дфн Т. Мишоноф

Списък на цитатите на научните трудове (без самоцитиране) в
научни публикации у нас и в чужбина, включително h-индекс
29 октомври 2014 г.

№	Публикация	Брой цитирания
1	Z.D. Dimitrov, Y.G. Maneva, T. S. Hristov and T.M. Mishonov. <i>Over-reflection of Slow Magnetosonic Waves by Homogeneous Shear Flow. Analytical Solution</i> , Phys. Plasmas 18 , (8), (2011) 082110.	1
2	V.F. Kozhevnikov, C.V. Giuraniuc, M.J. Van Bael, K.Temst, C.Van Haesendonck, T.M. Mishonov, T. Charlton, R.M. Dalgliesh, Yu. N. Khaidukov, Yu. V. Nikitenko, V.L. Aksenov, V.N. Gladilin, V.M. Fomin, J.T. Devreese, and J.O. Indekeu, <i>Evidence for nonmonotonic magnetic field penetration in a type-I superconductor</i> , http://dx.doi.org/10.1103/PhysRevB.78.012502 ; Phys.Rev. B 78 (1), 012502 (2008);	4
3	T. M. Mishonov, S. I. Klenov and E. S. Penev, "Temperature dependence of specific heat and penetration depth of anisotropic-gap BCS superconductors for a factorizable pairing potential", cond-mat/0212491 (2002), Phys. Rev. B 71 (2), 024520 (2005).	3
4	T.M. Mishonov, V.L. Pokrovsky and H. Wei, "Thermodynamics of MgB ₂ described by the weak-coupling two-band BCS model", cond-mat/0312210 (2003); Phys. Rev. B 71 (1), 012514 (2005).	6
5	A. Lascialfari, T. Mishonov, A. Rigamonti, I. Zucca, G. Behr, W. Loser, and S.-L. Drechsler, "Precursor diamagnetism above the superconducting transition in YNi ₂ B ₂ C", Journal of Magnetism and Magnetic Materials, 272 , Supplem.1, E155-E157 (2004)	4
6	S.-L. Drechsler, H. Rosner, J.M. An, W.E. Pickett, V.D.P. Servedio, T. Mishonov, and K. Winzer, "Conventional Electronic Structure of MgB ₂ and ZrB ₂ : LDA vs de Haas-v. Alphen & ARPES data", J. Low Temp. Phys. 131 , (5-6) 1175-1180 (2003).	2
7	T. M. Mishonov, G. V. Pachov, I. N. Genchev, L. A. Atanasova and D. C. Damianov, "Kinetics and Boltzmann kinetic equation for fluctuation Cooper pairs", Phys. Rev. B 68 , No. 5, 054525 (2003); cond-mat/0302046; (original first manuscript: T.M. Mishonov and D. Ch. Damianov, "Fluctuation conductivity of superconductors within the framework of time-dependent Ginzburg-Landau theory", Submitted to Phys. Rev. B, (1996) Ms. Code: Bu 5876).	6
8	T. M. Mishonov, E. S. Penev, J. O. Indekeu and V. L. Pokrovsky, "Specific heat discontinuity in impure two band superconductors", cond-mat/0209342, Phys. Rev. B 68 , 10, 104517 (2003).	9
9	T. Mishonov, S.-L. Drechsler and E. Penev, "Influence of the Van Hove singularity on the specific heat jump in BCS superconductors", cond-mat/0209192, Mod. Phys. Lett. B 17 , No.13-14, 755-762 (2003).	5
10	Cheenne, N, Mishonov, T, Indekeu, JO, "Observation of a sharp lambda peak in the third harmonic voltage response of high-T-c superconductor thin films", Eur. Pys. Journal B 32 (4) 437-444 (2003).	4
11	T. M. Mishonov, J. O. Indekeu and E. S. Penev, "Superconductivity of overdoped cuprates: the modern face of the ancestral two-electron exchange", cond-mat/0209191, J. Phys.: Condens. Matter 15 , No. 25, 4429-4456 (2003).	3
12	T. M. Mishonov, J. P. Wallington, E. S. Penev and J. O. Indekeu, "Reduced pairing Hamiltonian for interatomic two-electron exchange in layered cuprates", cond-mat/0205616, Mod. Phys. Lett. B 16 (19), 693-699 (2002).	1
13	T. Mishonov and E. Penev, "Thermodynamics of anisotropic-gap and multiband clean BCS superconductors", cond-mat/0206118, IJMPB, 16 , No. 24 (2002) 3573-3586.	14
14	T. M. Mishonov, E. S. Penev and J. O. Indekeu, <i>Comment on "Anisotropic s-wave superconductivity in MgB₂"</i> , cond-mat/0204545 [S. Haas and K. Maki, cond-mat/0104207; Phys. Rev. B 65 , 020502 (R) 2001], Phys. Rev. B, 66 , (6) 066501 (2002);	4
15	T. M. Mishonov, E. S. Penev and J. O. Indekeu, <i>Comment on "Anisotropic s-wave superconductivity: comparison with experiments on MgB₂"</i> [A. I. Posazhennikova, T. Dahm and K. Maki, cond-mat/0204545; Europhys. Lett. 60	2

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	(2002) 134], cond-mat/0205104, Europhys. Lett. 61 (4), pp. 577-578 (2003).	
16	V. D. Servedio, S.-L. Drechsler, and T. Mishonov, "Surface states, interpretation of ARPES data, and possible consequences for the superconductivity in MgB_2 " IJMPB 16 , Nos. 11 & 12 (2002) 1613-1617.	5
17	A. Lascialfari, T. Mishonov, A. Rigamonti, P. Tedesco, and A. Varlamov, "Superconducting Diamagnetic Fluctuations in MgB_2 ", cond-mat/0109404, Phys. Rev. B 65 , 180501 (R) (2002).	13
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19	T. M. Mishonov, N. Chéenne, D. Robbes and J. O. Indekeu, "Generation of 3rd and 5th harmonics in a thin superconducting film by temperature oscillations and isothermal nonlinear current response", cond-mat/0109478, Eur. Phys. J. B 26 , (3) 291-296 (2002).	3
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23	A. Lozev, S. Vlaev and T. Mishonov, "Local density of states for solids in an electric field", Conference: XVth Latin American Symposium on Solid State Physics (SLAFES XV), Cartagena de Indias, Colombia, Nov 01-05, 1999, Phys. Status Solidi B 220 , (1) 747-752 (2000).	2
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29	T.M. Mishonov and D.Ch. Damianov, "Kinetic equation for fluctuation Cooper pairs applied to fluctuation Hall effect in thin superconducting films", Czechoslovak Journal of Physics Vol. 46 -Suppl. Part S2 (1997) 631, Proceedings of the 21st International Conference on Low Temperature Physics, Prague, August 8-14, 1996.	1
30	T. Mishonov, "Theory of Cooper-pair mass spectroscopy by current-induced contact potential difference", Phys. Rev. B 50 , No. 6 (1994) 4009-4014. http://journals.aps.org/prb/abstract/10.1103/PhysRevB.50.4009	4
31	T. Mishonov, "Technique for measuring the Cooper pair velocity, density and mass using Doppler splitting of plasmons in low-dimensional superconductor microstructures", Phys. Rev. B 50 , (1994), 4004. http://journals.aps.org/prb/abstract/10.1103/PhysRevB.50.4004	16
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33	T. Mishonov, " <i>Predicted Plasma Oscillations in the $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ High-Temperature Superconductor</i> ", Phys. Rev. B 44 (1991) 12033.	40
34	T. Mishonov and A. Groshev, " <i>Plasmon Excitations in Josephson Arrays and Thin Superconducting Layers</i> ", Phys. Rev. Lett. 64 , No. 18 (1990) 2199.	11
35	T. Mishonov, " <i>On the theory of type-I superconductor surface-tension and twinning-plane-superconductivity</i> ", Journal de Physique 51 No. 5 (1990) 447-457.	9
36	T. Mishonov and A. Groshev, " <i>Plasmon Excitations in Josephson Arrays</i> ", Poster in Conference on Physics and Materials Science of High Temperature Superconductors, Bad Windsheim, FRG, 13-26 August 1989.	11
37	N.B. Ivanov and T.M. Mishonov, " <i>Heat capacity of a Thick Superconducting Plate with Proximity Effect</i> ", Phys. Stat. Sol. B 142 (1) K49-K52 (1987).	4
38	Al. Blagoev, Iv. Ivanov, T. Mishonov and Tc. Popov, " <i>Absolute calibration of arbitrary total cross-sections for electron-impact excitation of Xe metastable states in the near-threshold region</i> ", J. Phys. B: At. Mol. Opt. Phys. 17 (1984) L647-L652.	12
39	Al. Blagoev, T. Mishonov and Tc. Popov, " <i>Superelastic collisions between slow electrons and excited Kr and Xe atoms. Possible reaction mechanism for rare-gas atoms</i> ", J. Phys. B: At. Mol. Phys. 17 (1984) 435-441.	4
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Списание	Импакт фактор 2013 / 2014	Брой статии	Общ IF
1 Physical Review B	3.664	15	54.96
2 Physical Review Letters	7.728	2	15.456
3 Physics Letters A	1.626	1	1.626
4 Physics of Plasmas	2.249	1	2.249
5 Physica A - Statistical Mechanics And Its Applications	1.722	1	1.722
6 Physica B - Condensed Matter	1.276	1	1.276
7 Physica C- Superconductivity And Its Applications	1.11	1	1.11
8 European Physical Journal B	1.463	5	7.315
9 European Physical Journal D	1.398	1	1.398
10 Superconductor Science & Technology	2.796	1	2.796
11 Superlattices And Microstructures	1.979	6	11.874
12 Journal of Low Temperature Physics	1.036	3	3.108
13 Journal of Physics B - Atomic Molecular & Optical Physics	1.916	2	3.832
14 International Journal of Modern Physics B	0.455	5	2.275
15 Modern Physics Letters B	0.687	2	1.374
16 Journal of Physics - Condensed Matter	2.223	4	8.892
17 Europhysics Letters	2.269	2	4.538
18 Physica Status Solidi B	1.605	2	3.21
19 Czechoslovak Journal of Physics	0.574	4	2.296
20 Journal De Physique Paris	0.351	1	0.351
21 Journal of Magnetism and Magnetic Materials	2.002	1	2.002
Общо:		61	133.7