Mariia I Pashchenko

List of Publications by Year
in descending order

19	90	1478505 6	1474206 9
papers	citations	h-index	g-index

19	19	19	144
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum versus classical nature of the low-temperature magnetic phase transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>TbAl</mml:mi><mml:mn>3</mml:mn> Physical Review B, 2022, 105, .	3.23	1
2	Magnetic, FMR and mÃ¶ssbauer studies of nanocrystalline greigite. Journal of Alloys and Compounds, 2021, 857, 157569.	5.5	3
3	Peculiar Magnetic and Transport Properties of CuFeS₂: Defects Play a Key Role. Journal of Physical Chemistry C, 2020, 124, 20773-20783.	3.1	9
4	Nanograined n- and p-Type Chalcopyrite CuFeS₂ Prepared by Mechanochemical Synthesis and Sintered by SPS. Acta Physica Polonica A, 2020, 137, 904-907.	0.5	9
5	Microwave Investigation of Greigite Nanoparticles Magnetic Properties. , 2020, , .		0
6	Rod-like particles of silica-coated maghemite: Synthesis via akaganeite, characterization and biological properties. Journal of Magnetism and Magnetic Materials, 2019, 476, 149-156.	2.3	4
7	Spin Seebeck effect in É-Fe2O3 thin films with high coercive field. Journal of Applied Physics, 2018, 124, .	2.5	12
8	Transverse Relaxivity of Nanoparticle Contrast Agents for MRI: Different Magnetic Cores and Coatings. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	9
9	The Pockels effect in TmAl3(BO3)4. Ferroelectrics, 2017, 506, 152-158.	0.6	0
10	Rotational magnetocaloric effect in TbAl3(BO3)4. Low Temperature Physics, 2017, 43, 631-635.	0.6	7
11	Electric-field-induced linear birefringence in TmAl₃(BO₃)₄. Applied Optics, 2016, 55, B11.	1.8	3
12	Low-temperature magnetic phase transition in aluminum borate TbAl3(BO3)4. Low Temperature Physics, 2015, 41, 534-536.	0.6	11
13	Magneto-optical properties of terbium iron borate. Applied Optics, 2014, 53, B116.	1.8	0
14	The Faraday effect in and borates. Journal of Magnetism and Magnetic Materials, 2014, 362, 150-153.	2.3	6
15	Magnetoresonance properties of antiferromagnetic TbFe3(BO3)4at low temperatures. Low Temperature Physics, 2013, 39, 167-171.	0.6	3
16	Magnetic field-induced rotation of the plane of polarization of light in the antiferromagnetic ferroborate TbFe3(BO3)4. Low Temperature Physics, 2011, 37, 476-479.	0.6	1
17	Spectroscopic and magnetooptical investigations of spin-reorientation phase transition in TbFe3(BO3)4. Low Temperature Physics, 2011, 37, 693-698.	0.6	3
18	IR active vibrations of a TbFe3(BO3)4 crystal. Low Temperature Physics, 2010, 36, 638-641.	0.6	6

#	Article	IF	Citations
19	Structural phase transition in two-dimensional tetramer-cuprate Na5RbCu4(AsO4)4Cl2. Low Temperature Physics, 2007, 33, 684-687.	0.6	3