

# Mariia I Pashchenko

## List of Publications by Year in descending order

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19  
papers

90  
citations

1478505

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h-index

1474206

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin Seebeck effect in $\text{Fe}_2\text{O}_3$ thin films with high coercive field. Journal of Applied Physics, 2018, 124, .	2.5	12
2	Low-temperature magnetic phase transition in aluminum borate $\text{TbAl}_3(\text{BO}_3)_4$ . Low Temperature Physics, 2015, 41, 534-536.	0.6	11
3	Transverse Relaxivity of Nanoparticle Contrast Agents for MRI: Different Magnetic Cores and Coatings. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	9
4	Peculiar Magnetic and Transport Properties of $\text{CuFeS}_2$ : Defects Play a Key Role. Journal of Physical Chemistry C, 2020, 124, 20773-20783.	3.1	9
5	Nanograined n- and p-Type Chalcopyrite $\text{CuFeS}_2$ Prepared by Mechanochemical Synthesis and Sintered by SPS. Acta Physica Polonica A, 2020, 137, 904-907.	0.5	9
6	Rotational magnetocaloric effect in $\text{TbAl}_3(\text{BO}_3)_4$ . Low Temperature Physics, 2017, 43, 631-635.	0.6	7
7	IR active vibrations of a $\text{TbFe}_3(\text{BO}_3)_4$ crystal. Low Temperature Physics, 2010, 36, 638-641.	0.6	6
8	The Faraday effect in and borates. Journal of Magnetism and Magnetic Materials, 2014, 362, 150-153.	2.3	6
9	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
10	Structural phase transition in two-dimensional tetramer-cuprate $\text{Na}_5\text{RbCu}_4(\text{AsO}_4)_4\text{Cl}_2$ . Low Temperature Physics, 2007, 33, 684-687.	0.6	3
11	Spectroscopic and magneto-optical investigations of spin-reorientation phase transition in $\text{TbFe}_3(\text{BO}_3)_4$ . Low Temperature Physics, 2011, 37, 693-698.	0.6	3
12	Magnetoresonance properties of antiferromagnetic $\text{TbFe}_3(\text{BO}_3)_4$ at low temperatures. Low Temperature Physics, 2013, 39, 167-171.	0.6	3
13	Magnetic, FMR and Mössbauer studies of nanocrystalline greigite. Journal of Alloys and Compounds, 2021, 857, 157569.	5.5	3
14	Electric-field-induced linear birefringence in $\text{TmAl}_3(\text{BO}_3)_4$ . Applied Optics, 2016, 55, B11.	1.8	3
15	Magnetic field-induced rotation of the plane of polarization of light in the antiferromagnetic ferroborate $\text{TbFe}_3(\text{BO}_3)_4$ . Low Temperature Physics, 2011, 37, 476-479.	0.6	1
16	Quantum versus classical nature of the low-temperature magnetic phase transition in $\text{TbAl}_3(\text{BO}_3)_4$ . Physical Review B, 2022, 105, .	0.23	1
17	Magneto-optical properties of terbium iron borate. Applied Optics, 2014, 53, B116.	1.8	0
18	The Pockels effect in $\text{TmAl}_3(\text{BO}_3)_4$ . Ferroelectrics, 2017, 506, 152-158.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Microwave Investigation of Greigite Nanoparticles Magnetic Properties. , 2020, , .		0