

# Maria U Gutowska

## List of Publications by Year in descending order

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59  
papers

773  
citations

567281

15  
h-index

552781

26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific heat anomalies in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ( $0.12 \leq x \leq 0.2$ ). Physical Review B, 2005, 71, .	3.2	67
2	Electric-field and current-induced metastability and resistivity relaxation in $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ at low temperatures. Physical Review B, 2004, 70, .	3.2	62
3	Magnetic field-induced transitions in geometrically frustrated $\text{Co}_3\text{V}_2\text{O}_8$ single crystal. Physical Review B, 2006, 73, .	3.2	55
4	Thermal properties of monoclinic $\text{KLu}(\text{WO}_4)_2$ as a promising solid state laser host. Optics Express, 2008, 16, 5022.	3.4	47
5	Optical spectrum of $\text{Cr}^{3+}$ in the spinel $\text{LiGa}_5\text{O}_8$ . Journal of Physics C: Solid State Physics, 1975, 8, 3937-3943.	1.5	46
6	Microstructural magnetic phases in superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$ . Superconductor Science and Technology, 2012, 25, 065019.	3.5	39
7	Magnetic, thermodynamic, electronic, and transport properties of $\text{CeNi}_4\text{Al}$ . Physical Review B, 2004, 70, .	3.2	38
8	Giant magnetostriction and magnetostriction jumps in superconducting single crystalline. Superconductor Science and Technology, 1997, 10, 786-793.	3.5	36
9	Specific heat and phase diagram of heavily doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ( $0.45 \leq x \leq 1.0$ ). Physical Review B, 2005, 72, .	3.2	32
10	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet $\text{LuFe}_2\text{C}$ . Physical Review B, 2011, 84, .	3.2	30
11	Direct and specific heat study of magnetocaloric effect in $\text{La}_{0.845}\text{Sr}_{0.155}\text{MnO}_3$ . Journal of Applied Physics, 2003, 94, 1873-1876.	2.5	24
12	Experimental evidence for topological surface states wrapping around a bulk $\text{SnTe}$ crystal. Physical Review B, 2017, 96, .	3.2	20
13	Optical absorption spectra and crystal field parameters of dysprosium and erbium Germanates. Physica Status Solidi A, 1977, 40, 663-668.	1.7	19
14	Spectroscopic investigations of neodymium-doped $\text{BaLaGa}_3\text{O}_7$ single crystals. Journal of Luminescence, 1987, 36, 369-372.	3.1	18
15	Complex magnetic properties of $\text{Ho}_3\text{Cu}_4\text{Sn}_4$ . Intermetallics, 2007, 15, 583-592.	3.9	16
16	Phase transitions in single-crystalline magnetoelectric $\text{LiCoPO}_4$ . Physical Review B, 2011, 84, .	3.2	15
17	Structural, magnetic, and magnetocaloric properties of $\text{Fe}_7\text{Se}_8$ single crystals. Journal of Applied Physics, 2018, 124, .	2.5	15
18	Crystal structure and magnetic properties of potassium erbium double tungstate $\text{KEr}(\text{WO}_4)_2$ . Journal of Physics Condensed Matter, 2007, 19, 056206.	1.8	14

#	ARTICLE	IF	CITATIONS
19	properties of layered cobaltites $\text{BaCo}_2\text{O}_7$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 246225.	3.2	13
20	Multiple magnetic phase transitions in $\text{Tb}_3\text{Cu}_4\text{Si}_4$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 246225.	1.8	12
21	Electronic origin of the step-like character of the discharge curve for $\text{Na}_x\text{CoO}_2$ cathode. <i>Functional Materials Letters</i> , 2014, 07, 1440009.	1.2	11
22	Low-temperature magnetic phase transition in aluminum borate $\text{TbAl}_3(\text{BO}_3)_4$ . <i>Low Temperature Physics</i> , 2015, 41, 534-536.	0.6	11
23	Magnetostriction study of structural and magnetic transitions in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ( $0.1 < x < 0.2$ ). <i>Journal of Applied Physics</i> , 2000, 87, 3011-3017.	2.5	10
24	Magnetic phase transitions in $\text{TbAuIn}$ compound. <i>Solid State Communications</i> , 2005, 136, 26-31.	1.9	9
25	Specific heat in $\text{CeNi}_4\text{Cu}$ and $\text{YbNi}_4\text{Cu}$ . <i>Journal of Physics Condensed Matter</i> , 2006, 18, 3435-3441.	1.8	9
26	Correlation between electronic and electrochemical properties of $\text{Na}_x\text{CoO}_2$ . <i>Solid State Ionics</i> , 2014, 268, 179-184.	2.7	9
27	Crystal field in $\text{ThGeO}_4$ crystals. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 111, 257-266.	0.9	8
28	Magnetic, electronic and thermodynamic properties of the heavy fermion compound $\text{CeNiAl}_4$ . <i>Intermetallics</i> , 2009, 17, 603-606.	3.9	8
29	Heat capacity of $\text{InSe}$ single crystal layered semiconductor. <i>Journal of Applied Physics</i> , 2002, 92, 5110-5112.	2.5	7
30	Thickness dependence of magnetic anisotropy and magnetoelastic constants in epitaxial $\text{Fe}/\text{GaAs}$ (001) thin films. <i>European Physical Journal D</i> , 2002, 52, A169-A172.	0.4	7
31	Specific heat and magnetic order of $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2010, 107, 063907.	2.5	7
32	Magnetic susceptibility and phase transitions in $\text{LiNiPO}_4$ . <i>Physical Review B</i> , 2019, 99, .	3.2	7
33	Specific heat of $\text{RNi}_4\text{Al}$ ( $R = \text{Y, Ce, Nd}$ ) compounds. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, R40-R42.	1.5	6
34	Specific heat and the cooperative Jahn-Teller effect in. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 10539-10548.	1.8	5
35	Thermal properties of the $\text{Nd}_{1-x}\text{Ca}_x\text{BaCo}_2\text{O}_{5.5}$ compositions ( $0 < x < 0.2$ ). <i>Journal of Alloys and Compounds</i> , 2016, 670, 175-181.	5.5	5
36	Magnetic properties of $\text{TbPtGe}_2$ in high magnetic field. <i>Solid State Communications</i> , 2008, 147, 313-316.	1.9	4



#	ARTICLE	IF	CITATIONS
55	Magnetic phase transition in KGd(WO <sub>4</sub> ) <sub>2</sub> double tungstate. Open Physics, 2013, 11, 394-396.	1.7	0
56	Boundaries of the critical state stability in a hard superconductor Nb <sub>3</sub> Al in the H-T plane. Low Temperature Physics, 2013, 39, 329-337.	0.6	0
57	Manifestation of Spin-Glass-Like Behavior in the Organometallic Magnet. Acta Physica Polonica A, 2000, 97, 863-866.	0.5	0
58	Influence of Co Doping on Crystal and Magnetic Properties of Gd <sub>2</sub> Cu <sub>2</sub> In. Acta Physica Polonica A, 2012, 122, 216-219.	0.5	0
59	Magnetic Flux Density and Radial Distribution of Currents in HTSC Samples of Specific Shape Determined by Genetic Algorithm. Acta Physica Polonica A, 1997, 92, 259-262.	0.5	0