

Nikita Ter-Oganessian

List of Publications by Year in descending order

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37
papers

460
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758635

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38
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structure, and dielectric properties of the $0.91\text{NaNbO}_3/\text{0.09SrZrO}_3/\text{SrRuO}_3/\text{MgO}(001)$ heterostructure. <i>Ferroelectrics</i> , 2022, 590, 227-232.	0.3	0
2	Local environment of iron and tin ions, diffuse absorption, and giant dielectric response in $\text{BaFe}_{1/2}\text{Sn}_{1/2}\text{O}_3$ prepared by the sol-gel method. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158327.	2.8	2
3	The $\text{CdTiO}_3/\text{BaTiO}_3$ superlattice interface from first principles. <i>Nanoscale</i> , 2021, 13, 8506-8513.	2.8	3
4	Magnetolectric and multiferroic properties of spinels. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	26
5	Magnetolectric effect in a single crystal of the frustrated spinel Co_4O_7 . <i>Physical Review B</i> , 2021, 103, .	1.1	3
6	Predicting the structural, electronic and magnetic properties of few atomic-layer polar perovskite. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5578-5582.	1.3	8
7	Magnetic and dielectric properties of $\text{BaFe}_{1/2}\text{Sn}_{1/2}\text{O}_3$ ceramics. <i>Ceramics International</i> , 2021, , .	2.3	3
8	Magnetic and magnetolectric properties of AFFe_5 (A = Ca, Sr) spin-chain compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 493, 165720.	1.0	1
9	Structure and Ferroelectric Properties of Thin Heteroepitaxial NaNbO_3 Films Obtained by RF Cathode Sputtering. <i>Technical Physics Letters</i> , 2020, 46, 62-65.	0.2	2
10	Hidden improper ferroelectric phases for design of antiferroelectrics. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 275401.	0.7	2
11	Interplay of d - d interactions and spin-induced ferroelectricity in the green phase G_4O_7 . <i>Physical Review B</i> , 2019, 100, .	1.3	10
12	Linear magnetolectric effect in antiferromagnetic $\text{BaCu}_2\text{Sm}_2\text{O}_{10}$. <i>Physical Review B</i> , 2019, 100, .	1.2	18
13	Effect of pressure on the order-disorder phase transitions of B cations in $\text{AB}_{1/2}\text{B}_{1/2}\text{O}_3$ perovskites. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1034-1041.		11
14	Spin-driven ferroelectricity and large magnetolectric effect in monoclinic MnS_2 . <i>Physical Review B</i> , 2018, 98, .	1.1	10
15	Magnetic field-induced ferroelectricity in $1/2$ kagome staircase compound $\text{PbCu}_3\text{TeO}_7$. <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	25
16	Theory of order-disorder phase transitions of B -cations in $\text{AB}_{1/2}\text{B}_{1/2}\text{O}_3$ perovskites. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 264-273.	0.5	19
17	Linear antiferromagnetic ordering in the frustrated spinel CoAl_2O_4 . <i>Physical Review B</i> , 2017, 95, .	1.1	29
18	Linear magnetolectric effect in $\text{g}\ddot{\text{A}}\text{rthite}$, $\hat{1}\pm\text{-FeOOH}$. <i>Scientific Reports</i> , 2017, 7, 16410.	1.6	7

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19	Magnetoelectric effect in simple collinear antiferromagnetic spinels. Physical Review B, 2016, 94, .	1.1	20
20	Electric polarization of magnetic domain walls in magnetoelectrics. Journal of Physics Condensed Matter, 2015, 27, 246002.	0.7	6
21	Interrelation of ferroelectricity and tilting in perovskites using the phase transitions in $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ as an example. Solid State Sciences, 2015, 40, 105-110.	1.5	4
22	Cation-ordered magnetic spinels as magnetoelectrics. Journal of Magnetism and Magnetic Materials, 2014, 364, 47-54.	1.0	17
23	Interpretation of magnetoelectric phase states using the praphase concept and exchange symmetry. Journal of Physics Condensed Matter, 2014, 26, 036003.	0.7	6
24	Dielectric and Magnetic Properties of Magnetoelectric Delafossites. Ferroelectrics, 2012, 438, 101-106.	0.3	5
25	The magnetoelectric effect due to local noncentrosymmetry. Journal of Physics Condensed Matter, 2012, 24, 266002.	0.7	21
26	Praphase concept for the phenomenological description of magnetoelectrics. Crystallography Reports, 2012, 57, 112-117.	0.1	10
27	Exchange symmetry in description of magnetoelectrics. Physics of the Solid State, 2012, 54, 311-315.	0.2	6
28	Phenomenological theory of phase transitions in multiferroic MnWO_4 : magnetoelectricity and modulated magnetic order. Journal of Physics Condensed Matter, 2010, 22, 226002.	0.7	12
29	Improper Ferroelectric Antiferromagnetics. Ferroelectrics, 2010, 400, 12-18.	0.3	9
30	The rhombohedral phase with incommensurate modulation in $\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3$. Phase Transitions, 2006, 79, 163-173.	0.6	71
31	Active microrheology of networks composed of semiflexible polymers: Computer simulation of magnetic tweezers. Physical Review E, 2005, 72, 041510.	0.8	14
32	Viscoelasticity of entangled actin networks studied by long-pulse magnetic bead microrheometry. Physical Review E, 2005, 72, 061916.	0.8	17
33	Atomic Ordering and Ferroelectricity. Ferroelectrics, 2005, 314, 1-6.	0.3	2
34	Osmotic Force-Controlled Microrheometry of Entangled Actin Networks. Physical Review Letters, 2005, 94, 198102.	2.9	25
35	Active microrheology of networks composed of semiflexible polymers: Theory and comparison with simulations. Physical Review E, 2005, 72, 041511.	0.8	12
36	Ferroelectric and ferroelastic phase states of crystals caused by atomic ordering. Crystallography Reports, 2003, 48, 443-447.	0.1	6

#	ARTICLE	IF	CITATIONS
37	Observation of Spin-Induced Ferroelectricity in a Layered van der Waals Antiferromagnet CuCrP ₂ S ₆ . Advanced Electronic Materials, 0, , 2101072.	2.6	18