

Dmitry D Khalyavin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The orthorhombic-tetragonal morphotropic phase boundary in high-pressure synthesized BiMg _{0.5} Ti _{0.5} O ₃ –BiZn _{0.5} Ti _{0.5} O ₃ perovskite solid solutions. Journal of Physics and Chemistry of Solids, 2022, 161, 110392.	1.9	3
2	Metamagnetism and crystal-field splitting in pseudo-hexagonal CeRh_2Sb_3 . Physical Review B, 2022, 105, .	1.1	6
3	Interplay between structural, magnetic, and electronic states in the pyrochlore iridate Eu_2O_7 . Physical Review B, 2022, 105, .	1.1	6
4	Multiple magnetic orders in LaFeAs _{1-x} PxO uncover universality of iron-pnictide superconductors. Communications Physics, 2022, 5, .	2.0	5
5	A plethora of structural transitions, distortions and modulations in Cu-doped BiMn ₇ O ₁₂ quadruple perovskites. Journal of Materials Chemistry C, 2021, 9, 10232-10242.	2.7	2
6	Diffraction by multipoles in a 5d ² rhenium double perovskite. Physical Review B, 2021, 103, .	1.1	4
7	Structural and magnetic properties of the quantum magnet BaCuTe ₂ O ₆ . Physical Review B, 2021, 103, .	1.1	3
8	Martensitic transition assisted modification of the antiferromagnetic ordering in Ge-site doped MnNiGe alloys. Physical Review B, 2021, 103, .	1.1	5
9	Extended d^0 orbital molecules and magnetic phase separation in Bi _{0.68} Ca _{0.32} MnO ₃ . Physical Review B, 2021, 103, .	1.1	2
10	Competing electronic instabilities in the quadruple perovskite manganite PbMn ₇ O ₁₂ . Physical Review B, 2021, 103, .	1.1	1
11	Fragile ground state and rigid field-induced structures in the zigzag ladder compound BaDy ₂ O ₄ . Physical Review B, 2021, 103, .	1.1	4
12	Orbital effects and Affleck-Haldane-type spin dimerization in Ba ₄ Ru ₃ O ₁₀ . Physical Review B, 2021, 103, .	1.1	1
13	Multipole orders and Bragg diffraction patterns for the chain ferrate $\text{Na}_2\text{Fe}_2\text{O}_6$. Physical Review B, 2021, 103, .	1.1	1
14	Dynamic spin fluctuations in the frustrated spin chain compound Li ₃ Cu ₂ SbO ₆ . Physical Review B, 2021, 103, .	1.1	4
15	Magnetic structure investigation of the intercalated transition metal dichalcogenide NbS_2V . Physical Review B, 2021, 103, .	1.1	1
16	Magnetic and electronic ordering phenomena in the Ru_2O_6 -layer honeycomb lattice compound. Physical Review B, 2021, 103, .	1.1	10
17	Magnetic order and multipoles in a rhenate double perovskite $\text{Ba}_2\text{Ru}_5\text{O}_{15}$. Physical Review B, 2021, 103, .	1.1	3
18	Field-induced magnetic states in geometrically frustrated SrEr ₂ O ₄ . SciPost Physics, 2021, 11, .	1.5	4

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19	Spontaneous and Induced Ferroelectricity in the BiFe _{1-x} Sc _x O ₃ Perovskite Ceramics. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100173.	0.8	3
20	The rich physics of A-site-ordered quadruple perovskite manganites AMn ₇ O ₁₂ . Dalton Transactions, 2021, 50, 15458-15472.	1.6	9
21	Planar triangular magnet S^3 AgCrSe ₂ : Magnetic frustration, short range correlations, and field-tuned anisotropic cycloidal magnetic order. Physical Review B, 2021, 104, .	1.1	13
22	Crossover from Kondo semiconductor to metallic antiferromagnet with 5d -electron doping in CeFe ₂ Al ₁₀ . Physical Review B, 2021, 104, .	1.1	1
23	Magnetic Behaviour of Perovskite Compositions Derived from BiFeO ₃ . Magnetochemistry, 2021, 7, 151.	1.0	3
24	Cationic Ordering, Solid Solution Domain, and Diffuse Reflectance in Fe ₂ WO ₆ Polymorphs. Journal of Physical Chemistry C, 2021, 125, 25907-25916.	1.5	5
25	Doping site induced alteration of incommensurate antiferromagnetic ordering in Fe-doped MnNiGe alloys. Physical Review B, 2021, 104, .	1.1	3
26	Quantum magnetism of ferromagnetic spin dimers in KVOPO ₄ . Physical Review B, 2021, 104, .	1.1	5
27	Heisenberg spins on an anisotropic triangular lattice: PdCrO ₂ under uniaxial stress. New Journal of Physics, 2021, 23, 123050.	1.2	1
28	Electric and antiferromagnetic chiral textures at multiferroic domain walls. Nature Materials, 2020, 19, 386-390.	13.3	64
29	Magnetic ground state of the ordered double-perovskite Sr ₂ YbRuO ₆ : Two magnetic transitions. Physical Review B, 2020, 102, .	1.1	7
30	Emergent helical texture of electric dipoles. Science, 2020, 369, 680-684.	6.0	36
31	Lone octupole and bulk magnetism in osmate 5d ² double perovskites. Physical Review B, 2020, 102, .	1.1	10
32	Origin of the large ferroelectric polarization enhancement under high pressure for multiferroic DyMn ₃ O ₇ studied by polarized and unpolarized neutron diffraction. Physical Review B, 2020, 102, .	1.1	5
33	Magnetic Diagram of the High-Pressure Stabilized Multiferroic Perovskites of the BiFe _{1-y} Sc _y O ₃ Series. Crystals, 2020, 10, 950.	1.0	7
34	Emergence of a Magnetostructural Dipolar Glass in the Quadruple Perovskite DyMn ₁₂ O ₁₂ . Physical Review Letters, 2020, 125, 097601.	2.9	4
35	Non-collinear Order and Spin-Orbit Coupling in Sr ₃ ZnIrO ₆ . Journal of the Physical Society of Japan, 2020, 89, 064703.	0.7	4
36	Magnetically driven loss of centrosymmetry in metallic Pb ₂ VO ₄ . Physical Review B, 2020, 102, .	1.0	1

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37	Magnetically induced metal-insulator transition in $\text{Pb}_{1-x}\text{Bi}_x\text{Te}$. Physical Review B, 2020, 102, .		
38	Evidence for a three-dimensional quantum spin liquid in $\text{PbCuTe}_2\text{O}_6$. Nature Communications, 2020, 11, 2348.	5.8	53
39	Phase Transitions in the Metastable Perovskite Multiferroics BiCrO_3 and $\text{BiCr}_{0.9}\text{Sc}_{0.1}\text{O}_3$: A Comparative Study. Inorganic Chemistry, 2020, 59, 8727-8735.	1.9	5
40	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{NaRMn}_2\text{Ti}_4\text{O}_{12}$ with R = Sm, Eu, Gd, Dy, Ho, Y. Inorganic Chemistry, 2020, 59, 9065-9076.	1.9	10
41	Nuclear and magnetic structures of KMnF_3 perovskite in the temperature interval 10 ÅK€105 ÅK. Journal of Alloys and Compounds, 2020, 842, 155935.	2.8	9
42	Neutron diffraction and symmetry analysis of the martensitic transformation in Co-doped $\text{Ni}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2020, 101, .		
43	Strong quantum fluctuations from competition between magnetic phases in a pyrochlore iridate. Physical Review B, 2020, 101, .	1.1	6
44	Spontaneous Rotation of Ferrimagnetism Driven by Antiferromagnetic Spin Canting. Physical Review Letters, 2020, 124, 127201.	2.9	18
45	Original Network of Zigzag Chains in the Fe_2WO_6 Polymorph: Crystal Structure and Magnetic Ordering. Inorganic Chemistry, 2020, 59, 9798-9806.	1.9	4
46	Emergent topological spin structures in the centrosymmetric cubic perovskite SrFeO_3 . Physical Review B, 2020, 101, .		
47	Exchange bias effect in bulk multiferroic $\text{BiFeO}_3\text{Sc}_0.5\text{O}_3$. AIP Advances, 2020, 10, 045102.	0.6	6
48	Spontaneous cycloidal order mediating a spin-reorientation transition in a polar metal. Physical Review B, 2020, 102, .	1.1	10
49	Magnetic structure of the quantum magnet $\text{SrCu}_2\text{TeO}_6$. Physical Review B, 2020, 101, .	1.1	8
50	Effects of magnetic dilution in the ferrimagnetic columnar ordered $\text{SmMn}_2\text{Mn}_4\text{O}_{12}$. Physical Review B, 2020, 101, .	1.1	6
51	The Biaxial Strain Dependence of Magnetic Order in Spin Frustrated Mn_3NiN Thin Films. Advanced Functional Materials, 2019, 29, 1902502.	7.8	23
52	Mn_2TeO_6 : Complex antiferromagnetism as a consequence of the Jahn-Teller distortion. Physical Review B, 2019, 100, .	1.1	2
53	Spin-Glass Magnetic Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{Y}_2\text{MnGa}(\text{Mn}_4-x\text{Gax})\text{O}_{12}$ with $0 \leq x \leq 3$. Inorganic Chemistry, 2019, 58, 14830-14841.	1.9	7
54	Field-Induced Transitions in Highly Frustrated SrHo_2O_4 Crystals, 2019, 9, 488.	1.0	5

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55	Magnetic frustration and spontaneous rotational symmetry breaking in PdCrO ₂ . Physical Review B, 2019, 100, .	1.1	6
56	Magnetic order and single-ion anisotropy in O_{12}Tb_3 . Physical Review B, 2019, 100, .	1.1	15
57	Magnetic states of Ni-Mn-Sn based shape memory alloy: A combined muon spin relaxation and neutron diffraction study. Physical Review B, 2019, 99, .	1.1	10
58	Magnetic multipoles in a ruthenate $\text{Ca}_3\text{Ru}_2\text{O}_{10}$. Physical Review B, 2019, 99, .	1.1	5
59	Colossal magnetoresistance in the insulating ferromagnetic double perovskites $\text{Ti}_2\text{NiMnO}_6$: A neutron diffraction study. Acta Materialia, 2019, 173, 20-26.	3.8	11
60	The phenomenon of conversion polymorphism in Bi-containing metastable perovskites. Chemical Communications, 2019, 55, 4683-4686.	2.2	12
61	Magnetic structure and spin-flop transition in the $\text{A}_{1-x}\text{B}_x\text{Mn}_3\text{O}_{10}$ -site columnar-ordered quadruple perovskite $\text{A}_{1-x}\text{B}_x\text{Mn}_3\text{O}_{10}$. Physical Review B, 2019, 99, .	1.1	14
62	Difference in magnetic and ferroelectric properties between rhombohedral and hexagonal polytypes of AgFeO_2 : A single-crystal study. Physical Review B, 2019, 99, .	1.1	6
63	Direct Observation of Anapoles by Neutron Diffraction. Physical Review Letters, 2019, 122, 047203.	2.9	15
64	Valence Variations by B-Site Doping in A-Site Columnar-Ordered Quadruple Perovskites $\text{Sm}_{2-x}\text{MnMn}(\text{Mn}_{4-x}\text{Ti}_x)\text{O}_{12}$ with 1 at% x . Inorganic Chemistry, 2019, 58, 3492-3501.	1.9	14
65	Field-induced magnetic charge in a cubic Laves compound UAl_2 . Journal of Physics: Conference Series, 2019, 1316, 012004.	0.3	3
66	Investigating the magnetic ground state of the skyrmion host material Cu_2OSeO_3 using long-wavelength neutron diffraction. AIP Advances, 2019, 9, 125228.	0.6	0
67	Anapole contributions in $\text{Sr}_2\text{Ir}_2\text{O}_7$. Physical Review B, 2019, 99, .	1.1	14
68	Displacive structural phase transitions and the magnetic ground state of quadruple perovskite $\text{YMn}_7\text{O}_{12}$. Physical Review B, 2019, 99, .	1.1	12
69	High-pressure neutron diffraction study of Pd_3Fe . Journal of Applied Physics, 2019, 125, .	1.1	3
70	Symmetry-determined antiferroelectricity in PbZrO_3 , NaNbO_3 , and PbHfO_3 . Physical Review B, 2019, 99, .	1.1	25
71	Spin Jahn-Teller antiferromagnetism in CoTi_2O_5 . Physical Review B, 2019, 99, .	1.1	10
72	Commensurate to incommensurate magnetic phase transition in honeycomb-lattice pyrovanadate $\text{Mn}_2\text{V}_2\text{O}_7$. Physical Review Materials, 2019, 3, .	0.9	9

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73	The stability domain of cubic perovskite $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$. Physical Chemistry Chemical Physics, 2018, 20, 4442-4454.	1.3	11
74	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites $\text{RMn}_7\text{O}_{12}$ (R = Sm, Eu, Gd, and Tb). Inorganic Chemistry, 2018, 57, 5987-5998.	1.9	20
75	Helical magnetism in Sr-doped $\text{CaMn}_7\text{O}_{12}$ films. Physical Review B, 2018, 98, .	1.1	2
76	Evolving spin periodicity and lock-in transition in the frustrated ordered ilmenite-type BaMn_2O_7 by the layered room-temperature antiferromagnets. Physical Review B, 2018, 98, .	1.1	6
77	Direct observation of electron density reconstruction at the metal-insulator transition in NaOsO_3 . Physical Review B, 2018, 98, .	2.9	31
78	Kagome Antiferromagnet with Dominant Third-Neighbor Exchange. Physical Review Letters, 2018, 121, 107203.	1.1	23
79	Magnetic structures of the rare-earth quadruple perovskite manganites $\text{R}_2\text{Mn}_2\text{O}_{12}$. Physical Review B, 2018, 98, .	1.1	10
80	Unraveling the complex magnetic structure of multiferroic pyroxene $\text{NaFeGe}_2\text{O}_6$: A combined experimental and theoretical study. Physical Review B, 2018, 98, .	1.1	10
81	Understanding the magnetism in noncentrosymmetric CeIrGe_3 : Muon spin relaxation and neutron scattering studies. Physical Review B, 2018, 97, .	1.0	14
82	Intrinsic Triple Order in A-site Columnar-Ordered Quadruple Perovskites: Proof of Concept. ChemPhysChem, 2018, 19, 2449-2452.	5.8	38
83	Spin-induced multiferroicity in the binary perovskite manganite Mn_2O_3 . Nature Communications, 2018, 9, 2996.	1.1	7
84	Magneto-orbital texture in the perovskite modification of Mn_2O_3 . Physical Review B, 2018, 98, .	1.0	3
85	Coupling between Spin and Charge Order Driven by Magnetic Field in Triangular Ising System LuFe_2O_4 . Crystals, 2018, 8, 88.	1.0	3
86	Temperature-Induced Reversible and Irreversible Transitions between Metastable Perovskite Phases in the $\text{BiFe}_{1-x}\text{YSc}_x\text{O}_3$ Solid Solutions. Crystals, 2018, 8, 91.	2.9	10
87	Evolution of Magneto-Orbital order Upon B-Site Electron Doping in $\text{Na}_{1-x}\text{Bi}_x\text{FeO}_3$. Physical Review Letters, 2018, 120, 257202.	5.2	11
88	Uncertainty of oxygen content in highly nonstoichiometric oxides from neutron diffraction data: example of perovskite-type $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$. Journal of Materials Chemistry A, 2017, 5, 3456-3463.	1.4	14
89	Phase formation in the $(1-y)\text{BiFeO}_3-y\text{BiScO}_3$ system under ambient and high pressure. Journal of Solid State Chemistry, 2017, 247, 90-96.		

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91	Unusual magnetic structure of the high-pressure synthesized perovskites $\text{A}_{1-x}\text{Bi}_x\text{CrO}_3$ Temperature-induced phase transition from cycloidal to collinear antiferromagnetism in multiferroic driven by Bi^{2+} lone pair. Physical Review B, 2017, 95, .	1.1	18
92	Metastable perovskite $\text{Bi}_{1-x}\text{La}_x\text{Fe}_{0.5}\text{Sc}_{0.5}\text{O}_3$ phases in the range of the compositional crossover. Phase Transitions, 2017, 90, 831-839.		2
94	Evolution of spin correlations in SrDy_2O_4 in an applied field. Applied Physics Letters, 2017, 111, 162401.	1.1	15
95	Phase diagram of multiferroic LaCu_3O_7 in the Cu^{2+} content. Physical Review B, 2017, 95, .	1.1	10
96	Neutron scattering by Dirac multipoles. Journal of Physics Condensed Matter, 2017, 29, 215603.	0.7	6
97	Magneto-orbital ordering in the divalent $\text{A}_{1-x}\text{Mn}_x\text{O}$ -site quadruple perovskite manganites $\text{A}_{1-x}\text{Mn}_x\text{O}$		
98			

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109	Magnetodielectric detection of magnetic quadrupole order in Ba(TiO)Cu ₄ (PO ₄) ₄ with Cu ₄ O ₁₂ square cupolas. Nature Communications, 2016, 7, 13039.	5.8	37
110	Bulk superconductivity at 84 K in the strongly overdoped regime of cuprates. Physical Review B, 2016, 94, .	1.1	25
111	Incommensurate spin-density-wave antiferromagnetism in CeRu ₂ Al ₂ B. Physical Review B, 2016, 93, .	1.1	7
112	Modulated spin helicity stabilized by incommensurate orbital density waves in a quadruple perovskite manganite. Physical Review B, 2016, 93, .	1.1	27
113	Magnetic ordering in pressure-induced phases with giant spin-driven ferroelectricity in multiferroic TbMnO ₃ . Physical Review B, 2016, 93, .	1.1	22
114	Long-range antiferromagnetic interactions in Ni-Co-Mn-Ga metamagnetic Heusler alloys: A two-step ordering studied by neutron diffraction. Physical Review B, 2016, 94, .	1.1	12
115	Charge ordering in Nd _{2/3} Ca _{1/3} MnO ₃ : ESR and magnetometry study. Journal of Magnetism and Magnetic Materials, 2016, 410, 109-115.	1.0	4
116	Contrasting effect of La substitution on the magnetic moment direction in the Kondo semiconductors CeT ₂ Al ₁₀ (T=Ru,Os). Physical Review B, 2015, 92, .	1.1	9
117	Tetragonal magnetic phase in Ba _x K _{1-x} Fe ₂ Mn ₂ . x-ray and neutron diffraction. Physical Review B, 2015, 92, .	1.1	5
118	Magnetic structure of an incommensurate phase of La-doped BiFe _{1-x} O ₃ : Role of antisymmetric exchange interactions. Physical Review B, 2015, 92, .	1.1	15
119	Anisotropy-Tuned Magnetic Order in Pyrochlore Iridates. Physical Review Letters, 2015, 114, 247202.	2.9	40
120	Antiferromagnetism at T > 500 K in the layered hexagonal ruthenate SrRu ₂ O ₆ . Physical Review B, 2015, 92, .	1.1	43
121	Antiferromagnetic structure in tetragonal CuMnAs thin films. Scientific Reports, 2015, 5, 17079.	1.6	68
122	Exchange bias phenomenon in (Nd _{1-x} Y _x) _{2/3} Ca _{1/3} MnO ₃ (x = 0, 0.1) perovskites. Low Temperature Physics, 2015, 41, 1001-1005.	0.2	1
123	A novel compact three-dimensional laser-sintered collimator for neutron scattering. Review of Scientific Instruments, 2015, 86, 095114.	0.6	12
124	Structural phase transition in La _{2/3} Ba _{1/3} MnO ₃ perovskite: Elastic, magnetic, and lattice anomalies and microscopic mechanism. AIP Advances, 2015, 5, 077189.	0.6	3
125	Two-Dimensional Charge Disproportionation of the Unusual High Valence State Fe ⁴⁺ in a Layered Double Perovskite. Journal of the American Chemical Society, 2015, 137, 7468-7473.	6.6	39
126	Field-tunable spin-density-wave phases in Sr ₃ Ru ₂ O ₇ . Nature Materials, 2015, 14, 373-378.	13.3	79

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127	Magnetic frustration, short-range correlations and the role of the paramagnetic Fermi surface of PdCrO ₂ . Scientific Reports, 2015, 5, 12428.	1.6	29
128	Sc ₂ NiMnO ₆ : A Double-Perovskite with a Magnetodielectric Response Driven by Multiple Magnetic Orders. Inorganic Chemistry, 2015, 54, 8012-8021.	1.9	35
129	Ferro-type order of magneto-electric quadrupoles as an order-parameter for the pseudo-gap phase of a cuprate superconductor. Journal of Physics Condensed Matter, 2015, 27, 292201.	0.7	33
130	Ferroelectricity induced by ferriaxial crystal rotation and spin helicity in a B-site-ordered double-perovskite multiferroic	1.1	17
131	Magnetic Ordering and Ferroelectricity in multiferroic AgFeO ₂ : Comparison between hexagonal and rhombohedral polytypes. Physical Review B, 2015, 91, .	1.1	18
132	High-temperature characterization of oxygen-deficient K ₂ NiF ₄ -type Nd _{2-2x} Sr _x NiO _{4-4x} (x = 1.0-1.6) for potential SOFC/SOEC applications. Journal of Materials Chemistry A, 2015, 3, 23852-23863.	5.2	24
133	Luttinger liquid behavior in the alternating spin-chain system copper nitrate. Physical Review B, 2015, 91, .	1.1	23
134	neutron diffraction investigations on the reentrant ferromagnetic superconductor		

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145	Magnetic and ferroelectric orderings in multiferroic NaFeO_2 . Physical Review B, 2014, 89, .	1.1	20
146	Strange magnetic multipoles and neutron diffraction by an iridate perovskite (Sr_2IrO_4). Journal of Physics Condensed Matter, 2014, 26, 322201.	0.7	17
147	Magnetic order in the frustrated Ising-like chain compound SrO_6 . Physical Review B, 2014, 90, .	1.1	27
148	Coupling of magnetic order to planar Bi electrons in the anisotropic Dirac metals $\text{MnBi}_2\hat{A}$. Physical Review B, 2014, 90, .	1.1	18
149	Ammonia-Rich High-Temperature Superconducting Intercalates of Iron Selenide Revealed through Time-Resolved <i>in Situ</i> X-ray and Neutron Diffraction. Journal of the American Chemical Society, 2014, 136, 630-633.	6.6	86
150	Pressure-induced polar phases in multiferroic delafossite CuFe_2O_6 . Physical Review B, 2014, 89, .	1.1	34
151	Antipolar $\text{P}\sqrt{2}\hat{A}$ with Pn in Mn_2O_7 . Physical Review B, 2014, 90, .	1.1	18
152	Determination of the crystal and magnetic structure of the DyCrO_4 -scheelite polymorph by neutron diffraction. Journal of Physics: Conference Series, 2014, 549, 012021.	0.3	7
153	Tetragonal phase of epitaxial room-temperature antiferromagnet CuMnAs . Nature Communications, 2013, 4, 2322.	5.8	123
154	A ferroelectric-like structural transition in a metal. Nature Materials, 2013, 12, 1024-1027.	13.3	343
155	Highly frustrated magnetism in SrHo_2O_7 . Physical Review B, 2013, 87, .	1.1	35
156	Field-induced long-range magnetic order in the spin-singlet ground-state system $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2013, 87, .	1.1	15
157	Neutron diffraction study of NaMn_3O_7 . Physical Review B, 2013, 87, .	1.1	62
158	Change of magnetic ground state by light electron doping in $\text{CeOs}_2\text{Al}_{10}$. Physical Review B, 2013, 88, .	1.1	36
159	Spin dynamics in $\text{IrSr}_2\text{Sm}_{1.15}\text{Ce}_{0.85}\text{Cu}_2\text{O}_{10}$: Complex magnetic behavior in a layered iridocuprate. Physical Review B, 2013, 88, .	1.1	1
160	X-ray Diffraction by Magnetic Charges (Monopoles). Journal of the Physical Society of Japan, 2013, 82, 103703.	0.7	5
161	Ferroelectricity and lattice distortion associated with spin orderings in a multiferroic delafossite AgFeO_2 . EPL Web of Conferences, 2013, 40, 15008.	0.1	7
162	Phase diagram of BaKFe_2O_7 . Physical Review B, 2013, 87, .	1.1	157

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163	Possible chiral spin-liquid phase in noncentrosymmetric RBaCo ₄ O ₇ . Physical Review B, 2012, 85, .	1.1	8
164	Publisher's Note: Spin-ordering and magnetoelastic coupling in the extended kagome system YBaCo ₄ O ₇ [Phys. Rev. B83, 094412 (2011)]. Physical Review B, 2012, 85, .	1.1	0
165	Magnetic symmetries in neutron and resonant x-ray Bragg diffraction patterns of four iridium oxides. Journal of Physics Condensed Matter, 2012, 24, 496003.	0.7	18
166	Giant Improper Ferroelectricity in the Ferroaxial Magnet $\text{CaMn}_7\text{O}_{12}$. Physical Review Letters, 2012, 108, 067201.	1.9	235
167	Spiral-Spin-Driven Ferroelectricity in a Multiferroic Delafossite AgFeO_2 . Physical Review Letters, 2012, 109, 097203.	2.9	57
168	Kinetic control of structural and magnetic states in LuBaCo ₄ O ₇ . Physical Review B, 2012, 85, .	1.1	11
169	First-order multi- RCo_3 phase transitions and magnetoelectric effects in multiferroic CoTeO_3 . Physical Review B, 2011, 83, .	1.1	15
170	Complex room-temperature ferrimagnetism induced by zigzag stripes of oxygen vacancies in $\text{Sr}_3\text{YCo}_4\text{O}_{10-x}$. Physical Review B, 2011, 83, .	1.1	33
171	Magnetoelastic coupling in the phase diagram of BaCoGeO_6 . Physical Review B, 2011, 83, .	1.1	36
172	Theory of High-Temperature Multiferroicity in Cupric Oxide. Physical Review Letters, 2011, 106, 257601.	2.9	42
173	Magnetoelastic coupling in the phase diagram of BaCoGeO_6 . Physical Review B, 2011, 83, .	1.1	36
174	Spin-ordering and magnetoelastic coupling in the extended kagome system YBaCo ₄ O ₇ . Physical Review B, 2011, 83, .	1.1	36
175	Spin correlations in the geometrically frustrated $\text{Er}_2\text{Ti}_2\text{O}_7$. Physical Review B, 2010, 82, .	1.1	4
176	Long-range magnetic order in CeRu_2Si_2 via muon spin relaxation and neutron diffraction. Physical Review B, 2010, 82, .	1.1	14
177	Spin correlations in the geometrically frustrated BaCo_2O_7 . Mean-field approach and Monte Carlo simulations. Physical Review B, 2010, 82, .	1.1	28
178	BROADBAND DIELECTRIC SPECTROSCOPY OF La _{1/3} NbO ₃ CERAMICS. Integrated Ferroelectrics, 2009, 109, 55-60.	0.3	2
179	Structural behavior of the kagome antiferromagnet $\text{TmBaCo}_4\text{O}_{14}$. Neutron diffraction study and group-theoretical consideration. Physical Review B, 2009, 80, .	1.1	39
180	Effect of Y-doping on the magnetic and charge orderings in Nd _{2/3} Ca _{1/3} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2009, 321, 316-320.	1.0	14

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181	Impedance spectroscopy of dielectric properties of perovskite ceramics $\text{Bi}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3$. <i>Physics of the Solid State</i> , 2009, 51, 582-588.	0.2	7
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