

Vladislav Kataev

List of Publications by Year in descending order

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200
docs citations

200
times ranked

5958
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#	ARTICLE	IF	CITATIONS
1	Prediction and observation of an antiferromagnetic topological insulator. <i>Nature</i> , 2019, 576, 416-422.	27.8	701
2	Paramagnetic Meissner effect in Bi high-temperature superconductors. <i>Physical Review Letters</i> , 1992, 68, 1908-1911.	7.8	316
3	A Phthalocyanine-Based Layered Two-Dimensional Conjugated Metal-Organic Framework as a Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10677-10682.	13.8	278
4	Paramagnetic Meissner effect in high-temperature superconductors. <i>Physical Review B</i> , 1993, 48, 4030-4042.	3.2	178
5	Evidence for Triplet Superconductivity in a Superconductor-Ferromagnet Spin Valve. <i>Physical Review Letters</i> , 2012, 109, 057005.	7.8	163
6	Chain-Growth Polymerization of Unusual Anion-Radical Monomers Based on Naphthalene Diimide: A New Route to Well-Defined n-Type Conjugated Copolymers. <i>Journal of the American Chemical Society</i> , 2011, 133, 19966-19970.	13.7	128
7	Local antiferromagnetic correlations in the iron pnictide superconductors $\text{LaFeAsO}_{1-x}\text{F}_x$. <i>Physical Review B</i> , 2010, 81, 020407.	3.2	98
8	Anisotropic exchange in LiCuVO_4 probed by ESR. <i>Physical Review B</i> , 2002, 65, 020407.	3.2	98
9	Topological Electronic Structure and Intrinsic Magnetization in MnBi . <i>Physical Review X</i> , 2019, 9, 011046.	7.8	76
10	Spin-State Polarons in Lightly-Hole-Doped LaCoO_3 . <i>Physical Review Letters</i> , 2008, 101, 247603.	7.8	76
11	Full spin switch effect for the superconducting current in a superconductor/ferromagnet thin film heterostructure. <i>Applied Physics Letters</i> , 2010, 97, 052601.	3.3	74
12	Manifestation of New Interference Effects in a Superconductor-Ferromagnet Spin Valve. <i>Physical Review Letters</i> , 2011, 106, 067005.	7.8	71
13	Effects of Zn substitution for Cu atoms in lanthanum-strontium superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1990, 168, 370-380.	1.2	70
14	Fishtail effect and vortex dynamics in LiFeAs single crystals. <i>Physical Review B</i> , 2011, 83, 020407.	3.2	69
15	A New Family of 1D Exchange Biased Heterometal Single-Molecule Magnets: Observation of Pronounced Quantum Tunneling Steps in the Hysteresis Loops of Quasi-Linear $\{\text{Mn}_2\text{Ni}_3\}$ Clusters. <i>Journal of the American Chemical Society</i> , 2011, 133, 3433-3443.	13.7	68
16	Tuning the magnetic ground state of a tetranuclear nickel(II) molecular complex by high magnetic fields. <i>Physical Review B</i> , 2006, 73, 020407.	3.2	61
17	Orbital reconstruction in nonpolar tetravalent transition-metal oxide layers. <i>Nature Communications</i> , 2015, 6, 7306.	12.8	60
18	Structural and magnetic properties of the new low-dimensional spin magnet $\text{La}_2\text{Ni}_2\text{O}_7$. <i>Physical Review B</i> , 2006, 73, 020407.	2.3	59

#	ARTICLE	IF	CITATIONS
19	Magnetic properties and exchange integrals of the frustrated chain cuprate linearite $\text{PbCuSO}_4(\text{OH})_2$. Physical Review B, 2012, 85, .	3.2	58
20	Mobility of holes and suppression of antiferromagnetic order in $\text{La}_2\text{SrxCuO}_4$. Physical Review B, 1999, 59, R725-R728.	3.2	56
21	Magnetic anisotropy and spin-polarized two-dimensional electron gas in the van der Waals ferromagnet CrI_2 . Physical Review B, 2019, 99, .	3.2	56
22	Orbital order in the low-dimensional quantum spin system TiOCl probed by ESR. Physical Review B, 2003, 68, .	3.2	55
23	ESR of single crystals of $\hat{\Gamma}^{\text{e}}\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2\text{X}]$ ($\text{X} = \text{Br}$ and I). Solid State Communications, 1992, 83, 435-439.	1.9	54
24	Crystal size versus paddle wheel deformability: selective gated adsorption transitions of the switchable metal-organic frameworks DUT-8(Co) and DUT-8(Ni). Journal of Materials Chemistry A, 2019, 7, 21459-21475.	10.3	54
25	Interplay between structure and magnetism in the spin-chain compound $(\text{Cu,Zn})_2\text{V}_2\text{O}_7$. Physical Review B, 2003, 67, .	3.2	48
26	Strong Anisotropy of Superexchange in the Copper-Oxygen Chains of $\text{La}_{14}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$. Physical Review Letters, 2001, 86, 2882-2885.	7.8	47
27	Interplay of spin and charge dynamics in $\text{Sr}_{14}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$. Physical Review B, 2001, 64, .	3.2	45
28	Interaction of an extended series of N-substituted di(2-picolyl)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. Dalton Transactions, 2009, , 4795.	3.3	45
29	Low-energy magnetic excitations in the spin-orbital Mott insulator $\text{Sr}_2\text{Cu}_2\text{O}_7$. Physical Review B, 2014, 89, .	3.2	45
30	Static and dynamic magnetic properties of the ferromagnetic coordination polymer $[\text{Co}(\text{NCS})_2(\text{py})_2]_n$. Physical Chemistry Chemical Physics, 2017, 19, 24534-24544.	2.8	44
31	Magnetic properties of vanadium oxide nanotubes probed by static magnetization and ^51V NMR. Physical Review B, 2006, 73, .	3.2	43
32	A Three-Pronged Attack To Investigate the Electronic Structure of a Family of Ferromagnetic Fe_4Ln_2 Cyclic Coordination Clusters: A Combined Magnetic Susceptibility, High-Field/High-Frequency Electron Paramagnetic Resonance, and ^{57}Fe Mössbauer Study. Inorganic Chemistry, 2017, 56, 4796-4806.	4.0	41
33	Zn and Co redox active coordination polymers as efficient electrocatalysts. Dalton Transactions, 2019, 48, 3601-3609.	3.3	41
34	New Dinuclear Nickel(II) Complexes: Synthesis, Structure, Electrochemical, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 4553-4558.	4.0	40
35	Magnetic superconductivity in single crystals of $\text{Ba}_{0.65}\text{NaFe}_2\text{As}_2$. Physical Review B, 2012, 85, .	3.2	40
36	Signatures of low-energy fractionalized excitations in BaFe_2As_2 from field-dependent microwave absorption. Physical Review B, 2018, 98, .	3.2	40

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37	Tetranuclear complexes in molecular magnetism: Targeted synthesis, high-field EPR and pulsed-field magnetization. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2261-2285.	18.8	39
38	Unraveling the Nature of Magnetism of the $\text{La}_5\text{Co}_2\text{Ba}$ Double Perovskite. <i>Physical Review Letters</i> , 2018, 120, 237204.	7.8	39
39	Magnetism of hole-doped CuO_2 spin chains in $\text{Sr}_{14}\text{Cu}_{24}\text{O}_{41}$: Experimental and numerical results. <i>Physical Review B</i> , 2006, 73, .	3.2	38
40	Superconducting spin-valve effect and triplet superconductivity in CoOx . <i>Physical Review B</i> , 2015, 91, .	3.2	38
41	Slow Magnetic Relaxations in Manganese(III) Tetra(meta-fluorophenyl)porphyrin-tetracyanoethenide. Comparison with the Relative Single Chain Magnet ortho Compound. <i>Inorganic Chemistry</i> , 2012, 51, 9983-9994.	4.0	34
42	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1'-ferrocenediyl-bis(H-phosphinate)). <i>Crystal Growth and Design</i> , 2016, 16, 5084-5090.	3.0	34
43	Single-crystal growth of LiMnPO_4 by the floating-zone method. <i>Journal of Crystal Growth</i> , 2009, 311, 1273-1277.	1.5	33
44	Physical properties of the superconducting spin-valve $\text{Fe}/\text{Cu}/\text{Fe}/\text{In}$ heterostructure. <i>Physical Review B</i> , 2012, 85, .	3.2	33
45	Noncollinear antiferromagnetism of coupled spins and pseudospins in the double perovskite LaCu_2O_6 . <i>Physical Review B</i> , 2016, 94, .	3.2	33
46	Synthesis, structure and electrochemical properties of the organonickel complex $[\text{NiBr}(\text{Mes})(\text{phen})]$ ($\text{Mes} = 2,4,6$ -trimethylphenyl, $\text{phen} = 1,10$ -phenanthroline). <i>Journal of Organometallic Chemistry</i> , 2014, 750, 59-64.	1.8	31
47	Magnetic properties of Eu-doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ studied by ESR. <i>Physical Review B</i> , 1998, 58, R11876-R11879.	3.2	30
48	Spin Gap in the Zigzag Spin La_2CuO_4 Chain Cuprate. <i>Physical Review Letters</i> , 2011, 107, 017203.	7.8	30
49	Rolled-Up Self-Assembly of Compact Magnetic Inductors, Transformers, and Resonators. <i>Advanced Electronic Materials</i> , 2018, 4, 1800298.	5.1	30
50	Evolution of the Kondo State of YbRh_2Si_2 by High-Field ESR. <i>Physical Review Letters</i> , 2009, 102, 076405.	7.8	29
51	La_2CuO_4 honeycomb-lattice compound. <i>Physical Review Letters</i> , 2004, 93, 017203.	3.2	29
52	Dzyaloshinsky-Moriya spin canting in the low-temperature tetragonal phase of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2004, 70, .	3.2	28
53	Consequences of stripe order for the transport properties of rare earth doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 1821-1824.	4.0	27
54	Isolation of proximity-induced triplet pairing channel in a superconductor/ferromagnet spin valve. <i>Physical Review B</i> , 2016, 93, .	3.2	27

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55	Slow antiferromagnetic dynamics in the low-temperature tetragonal phase of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ as revealed by ESR of Gd spin probes. <i>Physical Review B</i> , 1997, 55, R3394-R3397.	3.2	26
56	A Size-Dependent Analysis of the Structural, Surface, Colloidal, and Thermal Properties of Ti_2B_2 ($x = 0.03-0.08$) Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3460-3468.	2.0	26
57	Coupling constant versus density of states in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ as revealed by EPR of Gd spin probes. <i>Physical Review B</i> , 1993, 48, 13042-13050.	3.2	24
58	Flux dynamics and avalanches in the 122 pnictide superconductor $\text{Ba}_{0.65}\text{Na}_{0.35}\text{Fe}_2\text{As}_2$. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 495701.	1.8	24
59	Spin dynamics and magnetic interactions of Mn dopants in the topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2016, 94, .	3.2	24
60	Signatures of a magnetic field-induced unconventional nematic liquid in the frustrated and anisotropic spin-chain cuprate LiCuSbO_4 . <i>Scientific Reports</i> , 2017, 7, 6720.	3.3	24
61	Electron spin resonance and ferromagnetic resonance spectroscopy in the high-field phase of the van der Waals magnet CrCl_3 . <i>Physical Review Materials</i> , 2020, 4, .	2.4	24
62	Antiferromagnetic dimers of Ni(II) in the $S=1$ spin-ladder $\text{Na}_2\text{Ni}_2(\text{C}_2\text{O}_4)_3(\text{H}_2\text{O})_2$. <i>Physical Review B</i> , 2006, 73, .	3.2	23
63	A spin-frustrated star-shaped heterotetranuclear CrIII MnII_3 species and its magnetic and HF-EPR measurements. <i>Dalton Transactions</i> , 2007, , 481-487.	3.3	23
64	Realization of the Nersesyan-Tselvik model in NO_2 . <i>Physical Review B</i> , 2010, 82, .	3.2	23
65	Dimensional spin crossover in Mn^{II} complexes: $\text{Mn}^{II}(\text{C}_2\text{O}_4)_2 \cdot 2\text{H}_2\text{O}$ and $\text{Mn}^{II}(\text{C}_2\text{O}_4)_2 \cdot 4\text{H}_2\text{O}$. <i>Physical Review B</i> , 2010, 82, .	3.2	23
66	Interplay of Magnetic Exchange Interactions and $\text{Ni-}\epsilon\text{-Si-Ni}$ Bond Angles in Polynuclear Nickel(II) Complexes. <i>ChemPhysChem</i> , 2010, 11, 1961-1970.	2.1	22
67	Boosting the superconducting spin valve effect in a metallic superconductor/ferromagnet heterostructure. <i>Nano Research</i> , 2016, 9, 1005-1011.	10.4	22
68	ESR study of the electronic properties of the new organic conductors $\hat{\Gamma}^{\pm}(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{X}$, X = Br; I. <i>Physica B: Condensed Matter</i> , 1992, 179, 24-34.	2.7	21
69	Boosting the electron spin coherence in binuclear Mn complexes by multiple microwave pulses. <i>Physical Review B</i> , 2013, 88, .	3.2	21
70	Impact of dehydration and mechanical amorphization on the magnetic properties of $\text{Ni}(\text{SCPD})\text{-MOF-74}$. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7132-7142.	5.5	21
71	The anomalous valence state of Eu and magnetic order in Eu_2O_3 . <i>Journal of Physics Condensed Matter</i> , 1996, 8, 4055-4062.	1.8	20
72	Binuclear 1,2-Diphosphacyclopentadienyl Manganese(I) Complexes: Synthesis, Structure and Magnetic Properties. <i>Organometallics</i> , 2010, 29, 1339-1342.	2.3	20

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73	Electrochemical Behavior and Magnetic Properties of Vanadium Oxide Nanotubes. Journal of Physical Chemistry C, 2011, 115, 5265-5270. High-field electron spin resonance spectroscopy study of GdFeAsO	3.1	19
74	High-field electron spin resonance spectroscopy study of GdFeAsO	3.1	19
75	Magnetization, magnetic susceptibility and ESR in Tb ₃ Ga ₅ O ₁₂ . European Physical Journal B, 2013, 86, 1.	1.5	19
76	Inter- and intragranular effects in microwave absorption of (Bi, Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O _y . Physica C: Superconductivity and Its Applications, 1991, 184, 165-171.	1.2	18
77	Observation of the "inverse" spin valve effect in a Ni/V/Ni trilayer system. JETP Letters, 2009, 90, 59-63.	1.4	18
78	Pinning effects in ceramic revealed by microwave absorption. Physical Review B, 2010, 81, .	3.2	18
79	Peculiarities of performance of the spin valve for the superconducting current. JETP Letters, 2013, 97, 478-482.	1.4	18
80	Structure and properties of $\hat{\Gamma}$ -NaFeO ₂ -type ternary sodium iridates. Journal of Solid State Chemistry, 2014, 210, 195-205.	2.9	18
81	Giant positive magnetoresistance in metallic VO _x thin films. Physical Review B, 2003, 68, .	3.2	17
82	Nature of low-temperature phase transitions in CaMn ₇ O ₁₂ . JETP Letters, 2005, 82, 444-446.	1.4	17
83	Magnetic anisotropy and ferromagnetic correlations above the Curie temperature in Eu ₂ Cr ₂ Si ₂ O ₁₂ crystals. Physical Review B, 2010, 82, .	3.2	17
84	First Direct In Situ EPR Spectroelectrochemical Evidence of the Superoxide Anion Radical. Journal of Physical Chemistry B, 2011, 115, 12036-12039.	2.6	17
85	Preferential antiferromagnetic coupling of vacancies in graphene on SiO ₂ . Electron spin resonance and scanning tunneling spectroscopy. Physical Review B, 2014, 90, .	3.2	17
86	Ground state and low-energy magnetic dynamics in the frustrated magnet CoAl ₂ revealed by local spin probes. Physical Review B, 2015, 91, .	3.2	17
87	Magnetic superexchange interactions: trinuclear bis(oxamidato) versus bis(oxamato) type complexes. Dalton Transactions, 2015, 44, 8062-8079.	3.3	17
88	Quantum electric dipole glass and frustrated magnetism near a critical point in Li ₂ ZrCuO ₄ . Europhysics Letters, 2009, 88, 27001.	2.0	16
89	Orthogonal spin arrangement as possible ground state of three-dimensional Shastry-Sutherland network in Ba ₃ Cu ₃ Si ₆ O ₂₀ . Physical Review B, 2015, 91, .	3.2	16
90	An interplay between the spin density distribution and magnetic superexchange interactions: a case study of mononuclear [nBu ₄ N] ₂ [Cu(opooMe)] and novel asymmetric trinuclear [Cu ₃ (opooMe)(pmdta) ₂](NO ₃) ₂ ·3MeCN. Dalton Transactions, 2012, 41, 14657.	3.3	16

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91	Superconducting switching due to a triplet component in the Pb/Cu/Ni/Cu/Co ₂ Cr ₁ <i>x</i> Fe _x Al _y spin-valve structure. Beilstein Journal of Nanotechnology, 2019, 10, 1458-1463.		16
92	Unusually large hyperfine structure of the electron spin levels in an endohedral dimetallofullerene and its spin coherent properties. Nanoscale, 2020, 12, 20513-20521.	5.6	16
93	Pressure control of the magnetic anisotropy of the quasi-two-dimensional van der Waals ferromagnet Cr_2Te_3 . Physical Review B, 2021, 103, .	3.2	16
94	Interplay between Kondo-like behavior and short-range antiferromagnetism in EuCu ₂ Si ₂ single crystals. Physical Review B, 2008, 78, .	3.2	15
95	Frustration enhanced by Kitaev exchange in a triangular antiferromagnet. Physical Review B, 2021, 104, .	3.2	15
96	Das erste oxidische T5-Supertetraeder: Na ₂₆ Mn ₃₉ O ₅₅ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 890-894.	1.2	14
97	Electron spin coherence in antiferromagnetically coupled binuclear Mn complexes. Physical Review B, 2011, 84, .	3.2	14
98	The formation of overlooked compounds in the reaction of methyl amine with the diethyl ester of o-phenylenebis(oxamic acid) in MeOH. Dalton Transactions, 2013, 42, 1798-1809.	3.3	14
99	Superconducting spin-valve effect in heterostructures with ferromagnetic Heusler alloy layers. Physical Review B, 2019, 100, .	3.2	14
100	Wohleben effect in small grains of Bi-based high-temperature superconductors: evidence for intrinsic nature of spontaneous currents. Europhysics Letters, 1996, 35, 541-546.	2.0	13
101	Insulator to semiconductor transition and magnetic properties of the one-dimensional $\text{S}_2\text{S}_2\text{S}_2$ system. Physical Review B, 2021, 103, .	3.2	13
102	Electrochemical generation and observation by magnetic resonance of superparamagnetic cobalt nanoparticles. Electrochimica Acta, 2018, 260, 324-329.	5.2	13
103	Infrared study of the multiband low-energy excitations of the topological antiferromagnet MnBi_2Te_4 . Physical Review B, 2021, 103, .	3.2	13
104	Strongly anisotropic spin dynamics in magnetic topological insulators. Physical Review B, 2021, 103, .	3.2	13
105	ESR study of the electronic properties of ternary europium pnictides. Journal of Magnetism and Magnetic Materials, 1994, 137, 157-166.	2.3	12
106	Theory of the electron spin resonance in heavy fermion systems with non-Fermi-liquid behavior. Physical Review B, 2009, 80, .	3.2	12
107	Electron Spin Density on the N-Donor Atoms of Cu(II) (Bis)oxamidato Complexes As Probed by a Pulse ELDOR Detected NMR. Journal of Physical Chemistry B, 2015, 119, 13762-13770.	2.6	12
108	Paramagnetic Meissner effect in HTSC. Physica B: Condensed Matter, 1994, 194-196, 2229-2230.	2.7	11

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109	Magnetic Anisotropy of Cr(III) Ions in Polymeric Oxalate Complexes as Revealed by HF-ESR Spectroscopy. Applied Magnetic Resonance, 2015, 46, 309-321.	1.2	11
110	Magneto-structural correlations in oxalate-bridged Sr(Cr) coordination polymers: structure, magnetization, X-band, and high-field ESR studies. Dalton Transactions, 2018, 47, 3992-4000.	3.3	11
111	Characteristic microstructure in small Bi-2212 grains showing the Wohleben effect as revealed by High-Resolution Electron Microscopy. Europhysics Letters, 1999, 45, 393-398.	2.0	10
112	High-field ESR studies of the quantum spin magnet CaCu_2O_3 . New Journal of Physics, 2006, 8, 74-74.	2.9	10
113	Bulky Pyrazolate-Based Compartmental Ligand Scaffolds: Encapsulation of an Edge-Sharing Cu_6O_2 Tetrahedral Core. European Journal of Inorganic Chemistry, 2008, 2008, 5390-5396.	2.0	10
114	High-temperature ferromagnetism of Li-doped vanadium oxide nanotubes. Europhysics Letters, 2009, 88, 57002.	2.0	10
115	Electron spin resonance study of Si/SiGe quantum dots. Physical Review B, 2010, 81, .	3.2	10
116	The superconducting spin valve and triplet superconductivity. Journal of Magnetism and Magnetic Materials, 2015, 373, 18-22.	2.3	10
117	Cu^{II} bis(oxamato) end-grafted poly(amidoamine) dendrimers. Dalton Transactions, 2016, 45, 7960-7979.	3.3	10
118	Magnetic properties of the spin-1 chain compound $\text{NiCl}_2\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{NH}_3$. Low Temperature Physics, 2017, 43, 1298-1304.	0.6	10
119	Electron Transfer and Unusual Chemical Transformations of Fe^{II} in a Reaction with Mn^{II} Phthalocyanine. European Journal of Inorganic Chemistry, 2018, 2018, 3344-3353.	2.0	10
120	Magnetic interactions in the tripod kagome antiferromagnet Mg_2O_{14} probed by static magnetometry and high-field ESR spectroscopy. Physical Review B, 2020, 102, .	3.2	10
121	Grain size dependence of the Wohleben effect in Bi-2212 high temperature superconductors. Physica C: Superconductivity and Its Applications, 1998, 299, 125-135.	1.2	9
122	First coordination polymers on the bases of chiral thiophosphorylated thioureas. Inorganic Chemistry Communication, 2016, 66, 11-14.	3.9	9
123	Static and dynamic magnetism of the Ir-based double perovskites $\text{La}_2\text{B}_2\text{IrO}_6$ ($\text{B}=\text{Co}, \text{Zn}$) probed by magnetic resonance spectroscopies. Physical Review B, 2018, 98, .	3.2	9
124	Magnetic-field tuning of the spin dynamics in the magnetic topological insulators MnBi_2Te_4 . Physical Review B, 2021, 104, .	3.2	8
125	Electron spin dynamics of the superconductor CaC_6 by ESR. Physical Review B, 2008, 77, .	3.2	8
126	Synthesis and magnetic properties of manganese carbonyl complexes with different coordination modes of 3,4,5-triaryl-1,2-diphospholide ligands. Dalton Transactions, 2015, 44, 10259-10266.	3.3	8

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127	Ni ^{II} formate complexes with bi- and tridentate nitrogen-donor ligands: synthesis, characterization, and magnetic and thermal properties. Dalton Transactions, 2017, 46, 3963-3979.	3.3	8
128	Aligned cuboid iron nanoparticles by epitaxial electrodeposition. Nanoscale, 2017, 9, 5315-5322.	5.6	8
129	Proximity effect between a superconductor and a partially spin-polarized ferromagnet: Case study of the $\text{Pb}_{1-x}\text{Bi}_x\text{Sb}$ system. Physical Review B, 2017, 96, .	3.2	8
130	Increasing the performance of a superconducting spin valve using a Heusler alloy. Beilstein Journal of Nanotechnology, 2018, 9, 1764-1769.	2.8	8
131	ESR study of the nature of the anomalous suppression of superconductivity in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 1995, 246, 309-316.	1.2	7
132	Magnetism of the LTT phase of Eu-doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Journal of Superconductivity and Novel Magnetism, 1997, 10, 451-454.	0.5	7
133	Tuning the spin coherence time of $\text{Cu(II)}^{\text{bis(oxamato)}}$ and $\text{Cu(II)}^{\text{bis(oxamidato)}}$ complexes by advanced ESR pulse protocols. Beilstein Journal of Nanotechnology, 2017, 8, 943-955.	2.8	7
134	Superconducting spin-valve effect in a heterostructure containing the Heusler alloy as a ferromagnetic layer. Journal of Magnetism and Magnetic Materials, 2018, 459, 7-11.	2.3	7
135	Antiferromagnetism induced by hydrogen in La_2CuO_4 and hole neutralization in $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 635-636.	2.3	6
136	Magnetic exchange in a low-dimensional complex oxide (La_2CuO_4). Journal of Magnetism and Magnetic Materials, 2004, 272-276, 933-934.	2.3	6
137	Contrasting spin dynamics in Zn- and Ni-doped $\text{Nd}_{1-x}\text{Ba}_x\text{Cu}_2\text{O}_{7-y}$. Physical Review B, 2019, 99, .	3.2	6
138	Origin of a spin-state polaron in lightly hole doped LaCoO_3 . Journal of Physics: Conference Series, 2009, 150, 042003.	0.4	6
139	Chemisorption of Exchange-Coupled $[\text{Ni}_2\text{L}(\text{dppba})]^{+}$ Complexes on Gold by Using Ambidentate $\text{4-(Diphenylphosphino)benzoate}$ Co-Ligands. Chemistry - A European Journal, 2013, 19, 7787-7801.	3.3	6
140	Redox-Active Ferrocene as a Tuning Functionality for Magnetic Superexchange Interactions of Bis(oxamato) Type Complexes. Organometallics, 2013, 32, 5988-6003.	2.3	6
141	3D oxalate-based coordination polymers: Relationship between structure, magnetism and color, studied by high-field ESR spectroscopy. Polyhedron, 2017, 126, 120-126.	2.2	6
142	Magnetic interactions and spin dynamics in the bond-disordered pyrochlore fluoride $\text{NaCaCo}_2\text{F}_7$. Physical Review B, 2019, 99, .	3.2	6
143	Coherent spin dynamics of solitons in the organic spin chain compounds NiXCl_2 . Physical Review B, 2022, 105, .	3.2	6
144	Low-energy excitations and magnetic anisotropy of the layered van der Waals antiferromagnet $\text{Ni}_2\text{P}_2\text{S}_6$. Physical Review B, 2022, 105, .	3.2	6

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145	Microwave absorption study of pinning regimes in Ba(Fe _{1-x} Co _x) ₂ As ₂ single crystals. Superconductor Science and Technology, 2013, 26, 045015.	3.5	5
146	Anisotropic magnetic interactions and spin dynamics in the spin-chain compound Cu(py)2Br2: An experimental and theoretical study. Physical Review B, 2017, 96, .	3.2	5
147	Magnetic resonance spectroscopy on the spin-frustrated magnets YBaCo_3O_7 (Tj ETQq1 1:02784314rgBT /O		
148	Ground state and low-temperature magnetism of the quasi-two-dimensional honeycomb compound InCu_2V	3.2	5
149	Structure and Magnetic Properties of $[\text{Ln}_4(\text{H}_3\text{L})_2(\text{A}\mu\text{OH})_2(\text{NO}_3)_4]$ (Ln = Tb, Dy, Yb) and $[\text{Dy}_2(\text{H}_4\text{L})_2(\text{NO}_3)_3](\text{NO}_3)$. European Journal of Inorganic Chemistry, 2020, 2020, 4303-4314.	2.0	5
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