

# JÃ¼rgen Schnack

## List of Publications by Year in descending order

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136  
papers

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136885

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docs citations

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times ranked

3009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frustrated magnetism of spin- $\frac{1}{2}$ Heisenberg diamond and octahedral chains as a statistical mechanical monomer-dimer problem. Physical Review B, 2022, 105, .	1.1	5
2	Electric field driven flat bands: Enhanced magnetoelectric and electrocaloric effects in frustrated quantum magnets. Physical Review B, 2022, 105, .	1.1	3
3	Thermodynamics of the spin-half square kagome lattice antiferromagnet. Physical Review B, 2022, 105, .	1.1	18
4	Hendecanuclear [Cu <sub>6</sub> Gd <sub>5</sub> ] magnetic cooler with high molecular symmetry of D <sub>3h</sub> . Chinese Chemical Letters, 2021, 32, 838-841.	4.8	5
5	Floquet theory of the analytical solution of a periodically driven two-level system. Applicable Analysis, 2021, 100, 992-1009.	0.6	7
6	[Fe <sub>15</sub> ]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.	2.2	14
7	The Synthesis and Characterisation of a Molecular Sea-Serpent: Studies of a {Cr <sub>24</sub> Cu <sub>7</sub> } Chain. Angewandte Chemie - International Edition, 2021, 60, 9489-9492.	7.2	2
8	Supersymmetric spin-phonon coupling prevents odd integer spins from quantum tunneling. European Physical Journal B, 2021, 94, 1.	0.6	4
9	Theoretical formation of carbon nanomembranes under realistic conditions using classical molecular dynamics. Physical Review B, 2021, 103, .	1.1	4
10	Stochastic thermodynamics of a finite quantum system coupled to a heat bath. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, 76, 731-745.	0.7	1
11	Accuracy of the typicality approach using Chebyshev polynomials. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, 76, 823-834.	0.7	6
12	Gd <sub>3</sub> Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd <sub>30</sub> M <sub>8</sub> } Polyoxometalate/Cluster Hybrids Through Variation of M <sup>2+</sup> . Small Structures, 2021, 2, 2100052.	6.9	13
13	Rational Design of a Confacial Pentaoctahedron Anisotropic Exchange in a Linear ZnIIFeIII <sub>3</sub> FeIII <sub>3</sub> ZnII Complex. Chemistry - A European Journal, 2021, 27, 15239-15250.	1.7	2
14	Observation of phase synchronization and alignment during free induction decay of quantum spins with Heisenberg interactions. New Journal of Physics, 2021, 23, 083038.	1.2	5
15	Ni <sub>36</sub> -Containing 54-Tungsto-6-Silicate: Synthesis, Structure, Magnetic and Electrochemical Studies. Chemistry - A European Journal, 2021, 27, 15081-15085.	1.7	12
16	Gd <sub>3</sub> Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd <sub>30</sub> M <sub>8</sub> } Polyoxometalate/Cluster Hybrids Through Variation of M <sup>2+</sup> . Small Structures, 2021, 2, 2170029.	6.9	2
17	An [FeIII <sub>30</sub> ] molecular metal oxide. Chemical Communications, 2021, 58, 52-55.	2.2	9
18	Optimization of Single-Molecule Magnets by Suppression of Quantum Tunneling of the Magnetization. European Journal of Inorganic Chemistry, 2020, 2020, 3222-3235.	1.0	5

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19	Spin-phonon interaction induces tunnel splitting in single-molecule magnets. <i>Physical Review B</i> , 2020, 102, .	1.1	17
20	Inorganic Approach to Stabilizing Nanoscale Toroidicity in a Tetraicosanuclear Fe <sub>18</sub> Dy <sub>6</sub> Single Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2020, 142, 14838-14842.	6.6	32
21	Flat-band physics in the spin-1/2 sawtooth chain. <i>European Physical Journal B</i> , 2020, 93, 1.	0.6	10
22	Magnon Crystallization in the Kagome Lattice Antiferromagnet. <i>Physical Review Letters</i> , 2020, 125, 117207.	2.9	20
23	Adapting Planck's route to investigate the thermodynamics of the spin-half pyrochlore Heisenberg antiferromagnet. <i>Physical Review B</i> , 2020, 101, .	1.1	15
24	Decoherence of a singlet-triplet superposition state under dipolar interactions of an uncorrelated environment. <i>Physical Review B</i> , 2020, 101, .	1.1	6
25	Accuracy of the finite-temperature Lanczos method compared to simple typicality-based estimates. <i>Physical Review Research</i> , 2020, 2, .	1.3	38
26	Environment-controlled Floquet-state paramagnetism. <i>Physical Review Research</i> , 2020, 2, .	1.3	3
27	Finite-Size Scaling of Typicality-Based Estimates. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 465-473.	0.7	6
28	Phase diagrams of Heisenberg chains with different cell spins: role of the tree-site exchange interactions. <i>Journal of Physics: Conference Series</i> , 2019, 1186, 012014.	0.3	0
29	Periodic thermodynamics of the Rabi model with circular polarization for arbitrary spin quantum numbers. <i>Physical Review E</i> , 2019, 100, 042141.	0.8	10
30	Local entanglement and string order parameter in dimerized models. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 505602.	0.7	6
31	An [Fe III 34 ] Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 17059-17062.	1.6	4
32	An [Fe <sup>III</sup> ] <sub>34</sub> Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16903-16906.	7.2	24
33	Large magnetic molecules and what we learn from them. <i>Contemporary Physics</i> , 2019, 60, 127-144.	0.8	32
34	Thermal density matrix renormalization group for highly frustrated quantum spin chains: A user perspective. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 487, 165327.	1.0	1
35	Rational Improvement of Single-Molecule Magnets by Enforcing Ferromagnetic Interactions. <i>Chemistry - A European Journal</i> , 2019, 25, 4992-5004.	1.7	8
36	Magnetization curves of deposited finite spin chains. <i>European Physical Journal B</i> , 2019, 92, 1.	0.6	2

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37	Combined use of translational and spin-rotational invariance for spin systems. <i>Physical Review B</i> , 2019, 99, .	1.1	13
38	Rotational magnetocaloric effect of anisotropic giant-spin molecular magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 113-119.	1.0	14
39	High spin cycles: topping the spin record for a single molecule verging on quantum criticality. <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	86
40	Young's moduli of carbon materials investigated by various classical molecular dynamics schemes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 99, 215-219.	1.3	12
41	Order in disorder: solution and solid-state studies of [MIII <sub>2</sub> MII <sub>5</sub> ] wheels (M <sup>sup</sup> = Cr, Al); T <sub>J</sub> = 0.784314 K. <i>Physical Review B</i> , 2018, 98, 120401.	1.6	12
42	Magnetism of the N <sub>2</sub> lattice antiferromagnet. <i>Physical Review B</i> , 2018, 98, .	1.1	12
43	Magneto-Structural Analysis of Iron(III) Keggin Polyoxometalates. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1310-1318.	1.1	10
44	Investigation of thermalization in giant-spin models by different Lindblad schemes. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 437, 7-11.	1.0	2
45	Suppression of Magnetic Quantum Tunneling in a Chiral Single-Molecule Magnet by Ferromagnetic Interactions. <i>Inorganic Chemistry</i> , 2017, 56, 15119-15129.	1.9	25
46	Alternating-spin S = 3/2 and S = 1/2 Heisenberg chain with isotropic three-body exchange interactions. <i>European Physical Journal B</i> , 2016, 89, 1.	0.6	7
47	Observation of the influence of dipolar and spin frustration effects on the magnetocaloric properties of a trigonal prismatic {Gd <sub>7</sub> } molecular nanomagnet. <i>Chemical Science</i> , 2016, 7, 4891-4895.	3.7	42
48	Structurally Flexible and Solution Stable [Ln <sub>4</sub> TM <sub>8</sub> (OH) <sub>8</sub> (L) <sub>8</sub> (O <sub>2</sub> CR) <sub>8</sub> (MeOH) <sub>8</sub> ]·xH <sub>2</sub> O: A Playground for Magnetic Refrigeration. <i>Inorganic Chemistry</i> , 2016, 55, 10535-10546.	1.9	26
49	Influence of intermolecular interactions on magnetic observables. <i>Physical Review B</i> , 2016, 93, .	1.1	16
50	Hydrophobicity-Driven Self-Assembly of an Eighteen-Membered Honeycomb Lattice with Almost Classical Spins. <i>Chemistry - A European Journal</i> , 2016, 22, 14846-14850.	1.7	12
51	Copper Keplerates: High-Symmetry Magnetic Molecules. <i>ChemPhysChem</i> , 2016, 17, 55-60.	1.0	19
52	Thermodynamic observables of Mn <sub>12</sub> calculated for the full spin Hamiltonian. <i>Physical Review B</i> , 2015, 92, .	1.1	15
53	Copper Lanthanide Phosphonate Cages: Highly Symmetric {Cu <sub>3</sub> Ln <sub>9</sub> P <sub>6</sub> } and {Cu <sub>6</sub> Ln <sub>6</sub> P <sub>6</sub> } Clusters with C <sub>3v</sub> and D <sub>3h</sub> Symmetry. <i>Inorganic Chemistry</i> , 2015, 54, 6331-6337.	1.9	20
54	Carboxylate free 1/4-oxo bridged ferric wheel with a record exchange coupling. <i>Dalton Transactions</i> , 2015, 44, 18743-18747.	1.6	13

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55	Quantum tunneling of the magnetization in [MnIII6M]3+ (M=CrIII, MnIII) SMMs: Impact of molecular and crystal symmetry. <i>Coordination Chemistry Reviews</i> , 2015, 289-290, 261-278.	9.5	33
56	Combining Complementary Ligands into one Framework for the Construction of a Ferromagnetically Coupled [Mn<sup>III</sup><sub>12</sub>] Wheel. <i>Chemistry - A European Journal</i> , 2014, 20, 3010-3013.	1.7	20
57	Response to "Comment on "Theoretical design of molecular nanomagnets for magnetic refrigeration" [Appl. Phys. Lett. 105, 046101 (2014)]. <i>Applied Physics Letters</i> , 2014, 105, 046102.	1.5	3
58	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. <i>Nature Communications</i> , 2014, 5, 5321.	5.8	115
59	Phase diagram of the alternating-spin Heisenberg chain with extra isotropic three-body exchange interactions. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	11
60	Unconventional phases of the alternating-spin Heisenberg chain with extra three-body exchange terms. <i>Journal of Physics: Conference Series</i> , 2014, 558, 012015.	0.3	2
61	Classical molecular dynamics investigations of biphenyl-based carbon nanomembranes. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 865-871.	1.5	10
62	Strong and Anisotropic Superexchange in the Single-Molecule Magnet (SMM) [Mn<sup>III</sup><sub>6</sub>Os<sup>III</sup><sub>3</sub>]+: Promoting SMM Behavior through 3d-5d Transition Metal Substitution. <i>Inorganic Chemistry</i> , 2014, 53, 257-268.	1.9	38
63	Centred nine-metal rings of lanthanides. <i>Chemical Communications</i> , 2014, 50, 1438-1440.	2.2	39
64	Switching from antiferromagnetic to ferromagnetic coupling in heptanuclear [M<sup>t</sup><sub>6</sub>M<sup>c</sup><sub>n</sub>]+ complexes by going from an achiral to a chiral triplesalen ligand. <i>Dalton Transactions</i> , 2014, 43, 9690-9703.	1.6	11
65	A truncated [MnIII12] tetrahedron from oxime-based [MnIII3O] building blocks. <i>Dalton Transactions</i> , 2014, 43, 10690-10694.	1.6	17
66	Advanced finite-temperature Lanczos method for anisotropic spin systems. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	26
67	Iron Lanthanide Phosphonate Clusters: {Fe<sub>6</sub>Ln<sub>6</sub>P<sub>6</sub>} Wells- Dawson-like Structures with <i>D</i><sub>3</sub><i>d</i> Symmetry. <i>Inorganic Chemistry</i> , 2014, 53, 3032-3038.	1.9	52
68	Systematic Study of the Interaction Between VIV Centres and LnIII Ions in Well Defined {V 2 IV LnIII}-{AsIIIW9O33}2 Sandwich-Type Clusters: Part 2. <i>Journal of Cluster Science</i> , 2013, 24, 979-988.	1.7	8
69	Application of the finite-temperature Lanczos method for the evaluation of magnetocaloric properties of large magnetic molecules. <i>European Physical Journal B</i> , 2013, 86, 1.	0.6	18
70	A Comprehensive Study on Triplesalen-Based [Mn<sup>III</sup><sub>6</sub>Fe<sup>III</sup><sub>3</sub>]+ and [Mn<sup>III</sup><sub>6</sub>Fe<sup>II</sup><sub>2</sub>]+ Complexes: Redox-Induced Variation of Molecular Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4398-4409.	1.0	17
71	Octametallic 4f-phosphonate horseshoes. <i>Dalton Transactions</i> , 2013, 42, 14045.	1.6	39
72	Molybdate templated assembly of Ln12Mo4-type clusters (Ln = Sm, Eu, Gd) containing a truncated tetrahedron core. <i>Chemical Communications</i> , 2013, 49, 36-38.	2.2	72

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73	Advanced quantum methods for the largest magnetic molecules. <i>Polyhedron</i> , 2013, 66, 28-33.	1.0	13
74	An {Fe <sub>16</sub> } barrel: Synthesis, structural and magnetic characterisation of an {Fe <sub>8</sub> } ring and its dimer. <i>Polyhedron</i> , 2013, 64, 59-62.	1.0	3
75	Large-scale numerical investigations of the antiferromagnetic Heisenberg icosidodecahedron. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 327, 103-109.	1.0	22
76	Theoretical design of molecular nanomagnets for magnetic refrigeration. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	24
77	Numerical renormalization group calculations of the magnetization of Kondo impurities with and without uniaxial anisotropy. <i>Physical Review B</i> , 2013, 87, .	1.1	19
78	Determination of exchange energies in the sawtooth spin ring {Mo <sub>75</sub> V <sub>20</sub> } by ESR. <i>Physical Review B</i> , 2012, 85, .	1.1	3
79	Environmental Influence on the Single-Molecule Magnet Behavior of [Mn <sup>III</sup> <sub>6</sub> Cr <sup>III</sup> ] <sup>3+</sup> : Molecular Symmetry versus Solid-State Effects. <i>Inorganic Chemistry</i> , 2012, 51, 10929-10954.	1.9	33
80	Discrete antiferromagnetic spin-wave excitations in the giant ferric wheel Fe <sub>18</sub> . <i>Physical Review B</i> , 2012, 86, .	1.1	38
81	Structural influences on the exchange coupling and zero-field splitting in the single-molecule magnet [Mn <sup>III</sup> <sub>6</sub> Mn <sup>III</sup> ] <sub>3</sub> <sup>+</sup> . <i>Dalton Transactions</i> , 2012, 41, 12942.	1.6	34
82	The Importance of Being Exchanged: [Gd <sup>III</sup> <sub>4</sub> M <sup>II</sup> <sub>8</sub> (OH) <sub>8</sub> (L) <sub>8</sub> (O) <sub>2</sub> CR) <sub>8</sub> Clusters for Magnetic Refrigeration. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4633-4636.	1.7	18
83	Hysteresis in the ground and excited spin state up to 10 T of a [Mn <sup>III</sup> <sub>6</sub> Mn <sup>III</sup> ] <sub>3</sub> <sup>+</sup> triple-salen single-molecule magnet. <i>Chemical Science</i> , 2012, 3, 2868.	3.7	37
84	Linking [Fe <sup>III</sup> ] <sub>3</sub> triangles with "double-headed" phenolic oximes. <i>Chemical Communications</i> , 2011, 47, 6018.	2.2	11
85	Thermodynamics of the one-dimensional frustrated Heisenberg ferromagnet with arbitrary spin. <i>Physical Review B</i> , 2011, 84, .	1.1	21
86	Cubic assembly of a geometrically frustrated {Fe <sub>12</sub> } spin cluster. <i>Dalton Transactions</i> , 2011, 40, 12271.	1.6	13
87	Inelastic neutron scattering study and Hubbard model description of the antiferromagnetic tetrahedral molecule Ni <sub>4</sub> Mo <sub>12</sub> . <i>European Physical Journal B</i> , 2010, 73, 515-526.	0.6	12
88	Properties of highly frustrated magnetic molecules studied by the finite-temperature Lanczos method. <i>European Physical Journal B</i> , 2010, 78, 535-541.	0.6	70
89	Calculating the energy spectra of magnetic molecules: application of real- and spin-space symmetries. <i>International Reviews in Physical Chemistry</i> , 2010, 29, 403-452.	0.9	56
90	Effects of frustration on magnetic molecules: a survey from Olivier Kahn until today. <i>Dalton Transactions</i> , 2010, 39, 4677.	1.6	156

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91	Heat Capacity Reveals the Physics of a Frustrated Spin Tube. <i>Physical Review Letters</i> , 2010, 105, 037206.	2.9	45
92	Synthesis and Characterization of the Heptanuclear $[Mn^{III}]_3Co^{III}_3$ Triplesalen Complex: Evidence for Exchange Pathways Involving Low-spin $Co^{III}$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 295-303.	0.3	31
93	A Star-Shaped Heteronuclear $Cr^{III}Mn^{II}_3$ Species and Its Precise Electronic and Magnetic Structure: Spin Frustration Studied by X-Ray Spectroscopic, Magnetic, and Theoretical Methods. <i>Inorganic Chemistry</i> , 2010, 49, 2093-2102.	1.9	35
94	A Mn <sup>III</sup> triplesalen-based 1D pearl necklace: exchange interactions and zero-field splittings in a $C_3$ -symmetric $Mn^{III}_6$ complex. <i>Dalton Transactions</i> , 2010, 39, 192-199.	1.6	30
95	Evaluation of Magnetic Spectra Using the Irreducible Tensor Operator Approach. , 2010, , 575-588.		0
96	Numerically exact and approximate determination of energy eigenvalues for antiferromagnetic molecules using irreducible tensor operators and general point-group symmetries. <i>Physical Review B</i> , 2009, 79, .	1.1	49
97	Frustration effects in antiferromagnetic molecules: The cuboctahedron. <i>Polyhedron</i> , 2009, 28, 1620-1623.	1.0	21
98	Polyoxometalates: Fascinating structures, unique magnetic properties. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2315-2327.	9.5	508
99	Tri-, tetra- and octa-metallic vanadium(III) clusters from new, simple starting materials: interplay of exchange and anisotropy effects. <i>Dalton Transactions</i> , 2009, , 9402.	1.6	23
100	Exchange Interactions and Zero-Field Splittings in $C_3$ -Symmetric $Mn^{III}_6Fe^{III}$ : Using Molecular Recognition for the Construction of a Series of High Spin Complexes Based on the Triplesalen Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 607-620.	1.9	75
101	van der Waals revisited. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 4581-4588.	1.2	2
102	Efficient implementation of the Lanczos method for magnetic systems. <i>Journal of Computational Physics</i> , 2008, 227, 4512-4517.	1.9	25
103	Sampling the two-dimensional density of states $g(E,M)$ of a giant magnetic molecule using the Wang-Landau method. <i>Physical Review B</i> , 2007, 75, .	1.1	18
104	Revisiting and modeling the magnetism of hole-doped spin chains in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e397-e399.	1.0	0
105	Enhanced magnetocaloric effect in frustrated magnetic molecules with icosahedral symmetry. <i>Physical Review B</i> , 2007, 76, .	1.1	88
106	Exact diagonalization of a one-dimensional Hubbard model at density $\rho = 0.4$ : Effects of Coulomb repulsions and distant transfer. <i>Physical Review B</i> , 2007, 76, .	1.1	1
107	Frustration-induced exotic properties of magnetic molecules. <i>Comptes Rendus Chimie</i> , 2007, 10, 15-20.	0.2	5
108	Frustration Effects in Magnetic Molecules. <i>Journal of Low Temperature Physics</i> , 2007, 142, 283-288.	0.6	6

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109	Solitary waves on finite-size antiferromagnetic quantum Heisenberg spin rings. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 306, 79-84.	1.0	4
110	Frustration effects in magnetic molecules. <i>Journal of Low Temperature Physics</i> , 2006, 142, 279-284.	0.6	16
111	Theoretical estimates for proton-NMR spin-lattice relaxation rates of heterometallic spin rings. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 206-210.	1.0	9
112	Magnetic and electronic properties of the iron-containing polyoxotungstate $[\text{Fe}_4(\text{H}_2\text{O})_{10}(\mu_2\text{-SbW}_9\text{O}_{33})_2]_6$ . <i>Journal of Applied Physics</i> , 2006, 99, 08J505.	1.1	7
113	Observation of field-dependent magnetic parameters in the magnetic molecule $\{\text{Ni}_4\text{Mo}_{12}\}$ . <i>Physical Review B</i> , 2006, 73, .	1.1	35
114	Exact diagonalization studies of doped Heisenberg spin rings. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 341-344.	1.0	4
115	Exchange interactions and magnetic anisotropy in the $\text{Ni}_4$ magnetic molecule. <i>Phase Transitions</i> , 2005, 78, 47-59.	0.6	9
116	Metamagnetic Phase Transition of the Antiferromagnetic Heisenberg Icosahedron. <i>Physical Review Letters</i> , 2005, 94, 207203.	2.9	59
117	Competing Spin Phases in Geometrically Frustrated Magnetic Molecules. <i>Physical Review Letters</i> , 2005, 94, 017205.	2.9	85
118	Magnetic characterization of the frustrated three-leg ladder compound $[(\text{CuCl}_2\text{tachH})_3\text{Cl}]_2$ . <i>Physical Review B</i> , 2004, 70, .	1.1	86
119	Critical slowing-down in classical and quantum Heisenberg magnetic molecules. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E721-E723.	1.0	3
120	Molecular magnetism. <i>Lecture Notes in Physics</i> , 2004, , 155-194.	0.3	24
121	Isothermal Molecular Dynamics in Classical and Quantum Mechanics. , 2004, , 111-124.		0
122	Quantum numbers for relative ground states of antiferromagnetic Heisenberg spin rings. <i>Physical Review B</i> , 2003, 68, .	1.1	48
123	Evaluation of the low-lying energy spectrum of magnetic Keplerate molecules using the density-matrix renormalization group technique. <i>Physical Review B</i> , 2003, 67, .	1.1	42
124	ROTATIONAL BAND STRUCTURE OF LOW-LYING EXCITATIONS IN SMALL HEISENBERG SYSTEMS. <i>International Journal of Modern Physics B</i> , 2003, 17, 5053-5057.	1.0	3
125	Partition functions and symmetric polynomials. <i>American Journal of Physics</i> , 2002, 70, 53-57.	0.3	21
126	ROTATIONAL BAND STRUCTURE OF LOW-LYING EXCITATIONS IN SMALL HEISENBERG SYSTEMS. , 2002, , .		0



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127	Classical and Quantum Magnetism in Giant Keplerate Magnetic Molecules. ChemPhysChem, 2001, 2, 517-521.	1.0	180
128	Heisenberg exchange parameters of molecular magnets from the high-temperature susceptibility expansion. Physical Review B, 2001, 64, .	1.1	24
129	Classical and Quantum Magnetism in Giant Keplerate Magnetic Molecules. , 2001, 2, 517.		3
130	Classical and Quantum Magnetism in Giant Keplerate Magnetic Molecules. ChemPhysChem, 2001, 2, 517-521.	1.0	4
131	Molecular dynamics for fermions. Reviews of Modern Physics, 2000, 72, 655-688.	16.4	189
132	Liquid-Gas Phase Transition in Finite Nuclei within Fermionic Molecular Dynamics. , 1999, , 411-420.		0
133	Fermionic Molecular Dynamics: Multifragmentation in Heavy-Ion Collisions and in Excited Nuclei. , 1997, , 83-90.		0
134	Fermionic molecular dynamics: Ensembles and fluctuations therein. Nuclear Physics A, 1995, 583, 347-352.	0.6	12
135	An [Fe <sup>III</sup> ] <sub>8</sub> molecular oxyhydroxide. Dalton Transactions, 0, , .	1.6	2
136	Investigation of electron-induced cross-linking of self-assembled monolayers by scanning tunneling microscopy. Beilstein Journal of Nanotechnology, 0, 13, 462-471.	1.5	1