

Roberto Caciuffo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	HERFD-XANES and RIXS Study on the Electronic Structure of Trivalent Lanthanides across a Series of Isostructural Compounds. <i>Inorganic Chemistry</i> , 2022, 61, 1817-1830.	1.9	8
2	A terminal neptunium(V) mono(oxo) complex. <i>Nature Chemistry</i> , 2022, 14, 342-349.	6.6	19
3	Anisotropy in cubic UO_2 caused by electron-lattice interactions. <i>Physical Review B</i> , 2021, 104, .	1.1	5
4	X-ray synchrotron radiation studies of actinide materials. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1692-1708.	1.0	5
5	Resonant inelastic x-ray spectroscopy on UO_2 as a test case for actinide materials. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 06LT01.	0.7	5
6	The fifty years it has taken to understand the dynamics of UO_2 in its ordered state. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 374001.	0.7	12
7	Tris(hydrotris(1-pyrazolyl)borato)actinide Complexes: Synthesis, Spectroscopy, Crystal Structure, Bonding Properties and Magnetic Behaviour. <i>Chemistry - A European Journal</i> , 2020, 26, 11293-11306.	1.7	11
8	Transuranium compounds probed by nonresonant inelastic x-ray scattering. <i>Physical Review B</i> , 2020, 101, .	1.1	6
9	Measurements related to the magnetism of curium metal. <i>Physical Review B</i> , 2019, 99, .	1.1	5
10	A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO_2 Nanoparticles. <i>Angewandte Chemie</i> , 2019, 131, 17722-17726.	1.6	5
11	A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO_2 Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17558-17562.	7.2	37
12	A Novel Metastable Pentavalent Plutonium Solid Phase on the Pathway from Aqueous Plutonium(VI) to PuO_2 Nanoparticles (Angew. Chem. 49/2019). <i>Angewandte Chemie</i> , 2019, 131, 18044-18044.	1.6	0
13	TEM-EELS analyses of protactinium. <i>Materials Research Express</i> , 2019, 6, 026307.	0.8	3
14	Measurements of the band gap of ThF_4 by electron spectroscopy techniques. <i>Physical Review Research</i> , 2019, 1, .	1.3	5
15	Gallium substitution in the transuranium superconductor PuCoGa_5 . <i>Journal of Alloys and Compounds</i> , 2018, 745, 477-482.	2.8	0
16	Crystal-field states of UO_2 by directional dependence of nonresonant inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 98, .	1.1	5
17	Direct observation of pure pentavalent uranium in U_2O_5 thin films by high resolution photoemission spectroscopy. <i>Scientific Reports</i> , 2018, 8, 8306.	1.6	49
18	Structural and physical characterization of NpPt_2In_7 . <i>Journal of Alloys and Compounds</i> , 2018, 768, 852-858.	2.8	1

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19	Magnetization, specific heat, ^{17}NMR , and $^{237}\text{M}\ddot{\text{a}}\text{ssbauer}$ study of $\text{U}_{0.15}\text{Np}_{0.85}\text{O}_2$. <i>Physical Review B</i> , 2018, 98, .	1.1	7
20	Future Directions for Transuranic Single Molecule Magnets. <i>Inorganics</i> , 2018, 6, 26.	1.2	21
21	Magnetic and electronic properties of NpPdSn . <i>Physical Review Materials</i> , 2018, 2, .	0.9	2
22	Thermal expansion of the heavy-fermion superconductor PuCoGa_5 . <i>Physical Review B</i> , 2017, 95, .	1.1	1
23	Synthesis and properties of $\text{A}_x\text{V}_2\text{Al}_{20}$ ($\text{A} = \text{Th, U, Np, Pu}$) ternary actinide aluminides. <i>Journal of Alloys and Compounds</i> , 2017, 696, 1113-1119.	2.8	19
24	Probing Magnetism in the Vortex Phase of PuCoGa_5 by X-Ray Magnetic Circular Dichroism. <i>Physical Review Letters</i> , 2017, 119, 157204.	2.9	56
25	Thermal expansion of the nuclear fuel-sodium reaction product $\text{Na}_3(\text{U}_{0.84(2)}, \text{Na}_{0.16(2)})\text{O}_4$ - Structural mechanism and comparison with related sodium-metal ternary oxides. <i>Journal of Nuclear Materials</i> , 2017, 490, 101-107.	1.3	3
26	Resonant x-ray spectroscopy of uranium intermetallics at the edges of uranium. <i>Physical Review B</i> , 2017, 95, .	1.1	1
27	Axially Symmetric $\text{U}^{\text{IV}}\text{O}_2$ - and $\text{U}^{\text{IV}}\text{O}_2$ -Containing Molecules from the Control of Uranyl Reduction with Simple Block Halides. <i>Angewandte Chemie</i> , 2017, 129, 10915-10919.	1.6	7
28	Axially Symmetric $\text{U}^{\text{IV}}\text{O}_2$ - and $\text{U}^{\text{IV}}\text{O}_2$ -Containing Molecules from the Control of Uranyl Reduction with Simple Block Halides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10775-10779.	7.2	32
29	Organometallic neptunium(III) complexes. <i>Nature Chemistry</i> , 2016, 8, 797-802.	6.6	88
30	Magnetic sublattices in $\text{Np}_2\text{Co}_{17}$ and $\text{Np}_2\text{Ni}_{17}$. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.2	0
31	$\ddot{\text{a}}\text{ssbauer}$ spectroscopy, magnetization, magnetic susceptibility, and low temperature heat capacity of Na_2NpO_4 . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 086002.	0.7	5
32	Subtle Interactions and Electron Transfer between U^{III} , Np^{III} , or Pu^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie</i> , 2016, 128, 12989-12993.	1.6	15
33	Subtle Interactions and Electron Transfer between U^{III} , Np^{III} , or Pu^{III} and Uranyl Mediated by the Oxo Group. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12797-12801.	7.2	40
34	Crystal dynamics and thermal properties of neptunium dioxide. <i>Physical Review B</i> , 2016, 93, .	1.1	16
35	Raman Scattering from Decoupled Phonon and Electron States in NpO_2 . <i>Journal of Physical Chemistry C</i> , 2016, 120, 4799-4805.	1.5	9
36	Crystal structure and magnetic properties of UO_2 /permalloy thin films. <i>Thin Solid Films</i> , 2015, 591, 271-275.	0.8	4

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37	Site-selective magnetic order of neptunium in NpFeAsO . Physical Review B, 2015, 92, .	2.1	1
38	CaF_2 -based $\text{UO}_2/\text{Fe}_3\text{O}_4$ thin films: Crystal structure and magnetic exchange bias effect. , 2015, .		0
39	Absence of superconductivity in fluorine-doped neptunium pnictide NpFeAsO . Journal of Physics Condensed Matter, 2015, 27, 325702.	0.7	7
40	Direct observation of finite size effects in chains of antiferromagnetically coupled spins. Nature Communications, 2015, 6, 7061.	5.8	30
41	Ferromagnetic ordering in NpAl_2 : Magnetic susceptibility and Al nuclear magnetic resonance. Journal of Magnetism and Magnetic Materials, 2015, 387, 72-76.	1.0	2
42	Magnetic Polarization of the Americium AmFe Ground State in AmFe . Physical Review Letters, 2015, 114, 097203.	2.9	13
43	X-ray Diffraction, Mössbauer Spectroscopy, Magnetic Susceptibility, and Specific Heat Investigations of Na_4NpO_5 and Na_5NpO_6 . Inorganic Chemistry, 2015, 54, 4556-4564.	1.9	15
44	Low-temperature magnetic properties of NpNi_5 . Physical Review B, 2014, 90, .	1.1	5
45	Exchange bias in $\text{UO}_2/\text{Fe}_3\text{O}_4$ thin films above the Néel temperature of UO_2 . Applied Physics Letters, 2014, 105, .	1.5	10
46	Structural investigation of $\text{Np}_2\text{Co}_{17}$ and analogue compounds under pressure. Physical Review B, 2014, 90, .	1.1	1
47	A Uranium-Based UO_2 Single-Chain Magnet Assembled through Cation-Cation Interactions. Angewandte Chemie - International Edition, 2014, 53, 819-823.	7.2	90
48	Investigation of ammonium diuranate calcination with high-temperature X-ray diffraction. Journal of Materials Science, 2014, 49, 8436-8443.	1.7	22
49	^{237}Np Mössbauer effect study on NpFeAsO . Journal of Physics Condensed Matter, 2014, 26, 156002.	0.7	2
50	Antiferromagnetic ground state in NpCoGe . Physical Review B, 2014, 89, .	1.1	4
51	A plutonium-based single-molecule magnet. Chemical Communications, 2014, 50, 8171.	2.2	28
52	Nonmagnetic ground state of PuO_2 . Physical Review B, 2014, 89, .	1.1	31
53	Coherent magnetic diffraction from the uranium M_4 edge in the multi-k magnet, USb . Journal of Physics: Conference Series, 2014, 519, 012010.	0.3	3
54	Oxo-Functionalization and Reduction of the Uranyl Ion through Lanthanide-Element Bond Homolysis: Synthetic, Structural, and Bonding Analysis of a Series of Singly Reduced Uranyl-Rare Earth $5f^{1-4}4f^{i-n}$ Complexes. Journal of the American Chemical Society, 2013, 135, 3841-3854.	6.6	107

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55	High pressure studies on uranium and thorium silicide compounds: Experiment and theory. Journal of Alloys and Compounds, 2013, 546, 63-71.	2.8	27
56	Crystal size effect on the compressibility of nano-crystalline uranium dioxide. Journal of Nuclear Materials, 2013, 435, 123-127.	1.3	23
57	Unified character of correlation effects in unconventional Pu-based superconductors and Pu . Physical Review B, 2013, 87, .	1.1	27
58	Thermal recovery and lattice expansion of self-irradiated $\text{U}_{0.80}\text{Am}_{0.20}\text{O}_2$, an in situ high temperature x-ray diffraction study. Journal of Solid State Chemistry, 2013, 199, 334-337.	1.4	16
59	Magnetic properties and chiral states of a trimetallic uranium complex. Journal of Physics Condensed Matter, 2013, 25, 486001.	0.7	12
60	Magnetic and electronic properties of NpCo_2 : Evidence for long-range magnetic order. Physical Review B, 2013, 87, .	1.1	3
61	Unexpected phase locking of magnetic fluctuations in the multi- k magnet USb . Physical Review B, 2013, 87, .	1.1	4
62	X-ray magnetic circular dichroism experiments and theory of transuranium Laves phase compounds. Physical Review B, 2013, 88, .	1.1	22
63	Antiferromagnetism in UO_2 epitaxial films. Physical Review B, 2013, 88, .	1.1	27
64	Evidence for persistent spin fluctuations in uranium sesquicarbide. Physical Review B, 2013, 87, .	1.1	4
65	^{237}Np Mössbauer studies on actinide superconductors and related materials. , 2013, , 549-556.		0
66	Strong-coupling d-wave superconductivity in PuCoGa_5 probed by point-contact spectroscopy. Nature Communications, 2012, 3, 786.	5.8	49
67	Inelastic neutron scattering study of UPd_2Sn . Journal of Applied Physics, 2012, 111, 07E123.	1.1	0
68	Antiferromagnetic Kondo lattice NpNi_2Sn . Physical Review B, 2012, 85, .	1.1	3
69	Structural, electronic, and magnetic characteristics of NpCo_2 . Physical Review B, 2012, 85, .	1.1	11
70	Giant magnetoelastic interaction in UFe_2 . Journal of Physics: Conference Series, 2012, 340, 012063.	0.3	7
71	Uranium and manganese assembled in a wheel-shaped nanoscale single-molecule magnet with high spin-reversal barrier. Nature Chemistry, 2012, 4, 1011-1017.	6.6	176
72	Bulk properties and electronic structure of PuFeAsO . Physical Review B, 2012, 86, .	1.1	15

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73	Negative thermal expansion and antiferromagnetism in the actinide oxyprictide NpFeAsO. Physical Review B, 2012, 85, .	1.1	34
74	Electronic Structure of Compressed Americium Metal. Materials Research Society Symposia Proceedings, 2012, 1444, 177.	0.1	1
75	Structure and nuclear density distribution in the cheralite $\text{CaTh(PO}_4\text{)}_2$: studies of its behaviour under high pressure (36 GPa). Physics and Chemistry of Minerals, 2012, 39, 685-692.	0.3	12
76	Localized 5f electrons in superconducting PuCoIn ₅ : consequences for superconductivity in PuCoGa ₅ . Journal of Physics Condensed Matter, 2012, 24, 052206.	0.7	51
77	^{237}Np Mössbauer studies on actinide superconductors and related materials. Hyperfine Interactions, 2012, 207, 113-120.	0.2	3
78	Multipolar, magnetic, and vibrational lattice dynamics in the low-temperature phase of uranium dioxide. Physical Review B, 2011, 84, .	1.1	44
79	Unusual electric field gradient variation in the NpPd ₂ Ge ₂ compound. Journal of Physics: Conference Series, 2011, 273, 012022.	0.3	0
80	Crystal structure and physical properties of NpRh ₂ Sn, a new Np-based ternary compound. Journal of Physics: Conference Series, 2011, 273, 012024.	0.3	4
81	Single-Electron Uranyl Reduction by a Rare-Earth Cation. Angewandte Chemie - International Edition, 2011, 50, 887-890.	7.2	115
82	Magnetic Memory Effect in a Transuranic Mononuclear Complex. Angewandte Chemie - International Edition, 2011, 50, 1696-1698.	7.2	153
83	Synthesis and characterization of large single crystals of NpPd ₃ by flux method. Journal of Crystal Growth, 2011, 320, 52-54.	0.7	1
84	Magnetic and electronic properties of NpFeGa ₅ . Journal of Physics Condensed Matter, 2011, 23, 295601.	0.7	5
85	Resonant x-ray scattering study of the URu ₂ Si ₂ hidden-order phase. Physical Review B, 2011, 83, .	1.1	30
86	Electronic structure of elemental curium studied by photoemission. Physical Review B, 2011, 83, .	1.1	14
87	Synthesis, structure and physical properties of U ₃ Co ₂ Si ₇ and Np ₃ Co ₂ Si ₇ compounds. Journal of Physics: Conference Series, 2010, 200, 032017.	0.3	1
88	Pressure-induced structural transition in Ln ₂ Zr ₂ O ₇ (Ln = Ce, Nd, Gd) pyrochlores. Physics and Chemistry of Minerals, 2010, 37, 761-767.	0.3	24
89	[An(H ₂ O) ₉](CF ₃ SO ₃) ₃ (An = Cm, Cf): Exploring Their Stability, Structural Chemistry, and Magnetic Behavior by Experiment and Theory. Angewandte Chemie - International Edition, 2010, 49, 6343-6347.	7.2	87
90	Resonant x-ray emission spectroscopy at the edge of americium up to 23 GPa. Physical Review B, 2010, 82, .	1.1	24

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109	Magnetic and related properties of PuPdSn. Journal of Nuclear Materials, 2009, 385, 46-48.	1.3	1
110	Crystal structure and thermal expansion of the low- and high-temperature forms of BaMIV(PO ₄) ₂ compounds (M=Ti, Zr, Hf and Sn). Journal of Solid State Chemistry, 2009, 182, 1115-1120.	1.4	19
111	Multipolar interactions in f -electron systems: The paradigm of actinide dioxides. Reviews of Modern Physics, 2009, 81, 807-863.	16.4	386
112	Low-energy spectrum of a Tm-based double-decker complex. Physical Review B, 2009, 79, .	1.1	18
113	Ab initio calculations of crystal-field for actinide dioxides. Lithuanian Journal of Physics, 2009, 49, 403-413.	0.1	3
114	Magnetic Properties of NpPdSn. Acta Physica Polonica A, 2009, 115, 80-82.	0.2	1
115	Magnetic and related properties of AnPd ₂ Sn (, U, Np, Pu) system. Physica B: Condensed Matter, 2008, 403, 847-849.	1.3	3
116	Inelastic neutron scattering investigations of molecular nanomagnets. Inorganica Chimica Acta, 2008, 361, 3771-3776.	1.2	22
117	Possible mechanism of superconductivity in $PuCoGa_5$ probed	1.1	37
118	Electronic State of $PuCoGa_5$ and $NpCoGa_5$ as Probed by Polarized Neutrons. Physical Review Letters, 2008, 100, 076403.	2.9	39
119	Extensive studies of antiferromagnetic PuPd ₂ Sn. Physical Review B, 2008, 77, .	1.1	13
120	Resonant x-ray scattering study of $NpRhGa_5$ and $NpRhGa_5$	1.1	18
121	Inelastic neutron scattering study of the multipolar order parameter in NpO_2 . Physical Review B, 2008, 78, .	1.1	37
122	Spin dynamics of Fe ₇ M (M=Zn,Mn) heterometallic rings probed by neutron spectroscopy. Physical Review B, 2007, 75, .	1.1	7
123	Magnetic excitations in NpCoGa ₅ : Inelastic neutron scattering experiments. Physical Review B, 2007, 76, .	1.1	12
124	Magnetic multipole order and symmetry considerations on the ground state of Np ⁴⁺ ions in NpO ₂ . Journal of Alloys and Compounds, 2007, 444-445, 278-280.	2.8	7
125	Resonant magnetic X-Ray scattering study of. Journal of Magnetism and Magnetic Materials, 2007, 310, 796-797.	1.0	1
126	Anisotropic magnetic fluctuations in 3- antiferromagnets. Journal of Magnetism and Magnetic Materials, 2007, 310, 1698-1702.	1.0	18

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127	Unified crystal-field picture for actinide dioxides. Journal of Physics and Chemistry of Solids, 2007, 68, 2020-2023.	1.9	6
128	Quantum Oscillations of the Total Spin in a Heterometallic Antiferromagnetic Ring: Evidence from Neutron Spectroscopy. Physical Review Letters, 2007, 98, 167401.	2.9	97
129	Direct observation of electric-quadrupolar order in UO ₂ . Physical Review B, 2006, 73, .	1.1	102
130	Orbital Ordering in Actinide Oxides: New Perspectives on Old Problems. Journal of the Physical Society of Japan, 2006, 75, 74-76.	0.7	1
131	Spin dynamics of molecular nanomagnets. Physica B: Condensed Matter, 2006, 385-386, 301-306.	1.3	3
132	Magnetic clusters in superconducting lightly doped. Physica B: Condensed Matter, 2006, 374-375, 221-224.	1.3	4
133	New findings in Resonant X-ray Scattering investigation of KCuF ₃ orbital model system. Physica B: Condensed Matter, 2006, 378-380, 563-564.	1.3	1
134	Magnetotransport properties of spin-glass-like layered compounds La _{1-x} Sr _x CoO ₄ . Solid State Sciences, 2006, 8, 901-907.	1.5	12
135	Static and dynamic magnetic properties of an [Fe ₁₃] cluster. Physical Review B, 2006, 73, .	1.1	38
136	Inelastic-neutron-scattering study of excited spin multiplets and low-energy phonons in the Fe ₈ nanomagnet: Implications for relaxation. Physical Review B, 2006, 73, .	1.1	13
137	Hidden Order and Low-Energy Excitations in NpO ₂ . Physical Review Letters, 2006, 97, 207203.	2.9	57
138	Complex dynamics of self-generated magnetic clusters in phase-separated perovskites. Journal of Magnetism and Magnetic Materials, 2005, 294, 147-151.	1.0	4
139	Octupolar order in : A specific heat investigation. Physica B: Condensed Matter, 2005, 359-361, 1087-1089.	1.3	22
140	Spin dynamics of heterometallic Cr ₇ M wheels (M=Mn, Zn, Ni) probed by inelastic neutron scattering. Physical Review B, 2005, 71, .	1.1	89
141	Perturbative approach to mixing inf-electron systems: Application to actinide dioxides. Physical Review B, 2005, 71, .	1.1	48
142	Spin dynamics and tunneling of the Néel vector in the Fe ₁₀ magnetic wheel. Physical Review B, 2005, 71, .	1.1	41
143	Spherical neutron spin polarimetry of anisotropic magnetic fluctuations in UO ₂ . Physical Review B, 2005, 72, .	1.1	33
144	Direct Determination of the Magnetic Ground State in the Square Lattice S=1/2 Antiferromagnet Li ₂ VOSiO ₄ . Physical Review Letters, 2004, 93, 027202.	2.9	62

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145	Quantum Magneto-Oscillations in a Supramolecular Mn(II)-[3Å—3] Grid. Physical Review Letters, 2004, 92, 096403.	2.9	42
146	Quantum fluctuations of the total spin in molecular nanomagnets: Evidence from torque and specific heat. Journal of Applied Physics, 2004, 95, 7348-7350.	1.1	4
147	Inelastic neutron scattering study of the molecular grid nanomagnet Mn-[3Å—3]. Physical Review B, 2004, 69, .	1.1	33
148	Intra- and inter-multiplet magnetic excitations in a tetrairon(III) molecular cluster. Physical Review B, 2004, 70, .	1.1	27
149	Resonant x-ray scattering study of magnetic-dipole and electric-quadrupole order in U _{0.75} Np _{0.25} O ₂ . Physical Review B, 2004, 70, .	1.1	36
150	Enhancement of rare-earth transition-metal exchange interaction in Pr ₂ Fe ₁₇ probed by inelastic neutron scattering. Applied Physics Letters, 2004, 85, 4097-4099.	1.5	3
151	Magnetic and electronic properties of La _{0.85} Na _{0.15} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 417-419.	1.0	3
152	Interparticle magnetic correlations in a nanosized $\hat{\Gamma}^3$ -Fe ₂ O ₃ system. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1173-E1174.	1.0	3
153	Level crossing in a molecular Cr ₈ ring. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1050-1051.	1.0	2
154	Study of the sintering behaviour of MgB ₂ superconductor during hot-pressing. Physica C: Superconductivity and Its Applications, 2004, 400, 97-104.	0.6	35
155	Growth and characterization of highly epitaxial YBa ₂ Cu ₃ O ₇ /La _{0.7} Ca _{0.3} MnO ₃ bilayer structures. Physica C: Superconductivity and Its Applications, 2004, 408-410, 48-49.	0.6	3
156	Magnetic order in the lamellar compounds La _{1-x} Sr _x CoO ₄ (0 ≤ x ≤ 0.4). Journal of Magnetism and Magnetic Materials, 2004, 272-276, 855-856.	1.0	10
157	Inter-multiplet transitions in the Fe ₄ magnetic cluster. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E777-E778.	1.0	1
158	Effect of oxygen post-annealing on the magnetoresistance of highly epitaxial La _{0.7} Ca _{0.3} MnO ₃ thin films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1501-E1502.	1.0	1
159	Magnetic order in a S= frustrated antiferromagnet on a square lattice. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E659-E660.	1.0	1
160	Inelastic neutron scattering study of magnetic excitations in uranium phosphates. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E203-E204.	1.0	1
161	Dynamic magnetic response of LaMn _{0.5} Ga _{0.5} O ₃ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E571-E573.	1.0	9
162	Macroscopic evidence of quantum coherent oscillations of the total spin in the Mn-[$\times 3$] molecular nanomagnet. European Physical Journal B, 2003, 36, 169-173.	0.6	19

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163	Mixing of magnetic states in a Cr ₈ molecular ring. Physical Review B, 2003, 68, .	1.1	50
164	Microscopic spin Hamiltonian of a Cr ₈ antiferromagnetic ring from inelastic neutron scattering. Physical Review B, 2003, 67, .	1.1	124
165	Structural Transformation Induced by Magnetic Field and "Colossal-Like" Magnetoresistance Response above 313 K in MnAs. Physical Review Letters, 2003, 90, 097203.	2.9	97
166	Multipolar ordering in NpO ₂ below 25 K. Journal of Physics Condensed Matter, 2003, 15, S2287-S2296.	0.7	48
167	Field-induced magnetic anisotropy in La _{0.7} Sr _{0.3} CoO ₃ . Europhysics Letters, 2003, 62, 433-438.	0.7	7
168	Coupling between Spin and Orbital Degrees of Freedom in KCuF ₃ . Physical Review Letters, 2002, 88, 106403.	2.9	83
169	Incoherent thermally activated proton hopping process in calix[4]arene observed by anelastic spectroscopy. Physical Review B, 2002, 65, .	1.1	11
170	Neutron transitions within the S=10 ground multiplet of a Fe ₈ magnetic cluster. Physical Review B, 2002, 65, .	1.1	22
171	Resonant x-ray scattering study of magnetic and orbital order in KCuF ₃ . Physical Review B, 2002, 65, .	1.1	71
172	Triple-q Octupolar Ordering in NpO ₂ . Physical Review Letters, 2002, 89, 187202.	2.9	168
173	Solid-State Fingerprints of Molecular Threading Detected by Inelastic Neutron Scattering. ChemPhysChem, 2002, 3, 1038-1041.	1.0	7
174	Intra- and inter-multiplet neutron transitions in an Fe ₄ magnetic cluster. Applied Physics A: Materials Science and Processing, 2002, 74, s929-s931.	1.1	3
175	Resonant X-ray scattering study of KCuF ₃ . Physica B: Condensed Matter, 2002, 312-313, 589-591.	1.3	2
176	Effects of copper doping in MgB ₂ superconductor. Solid State Communications, 2002, 121, 497-500.	0.9	47
177	Evidence for Coherent Proton Tunneling in a Hydrogen Bond Network. Science, 2001, 291, 100-103.	6.0	39
178	Phase separation as origin of the magnetic anomalies in La _{0.85} Sr _{0.15} CoO ₃ . Journal of Applied Physics, 2001, 89, 5606-5609.	1.1	36
179	Low temperature dynamical magnetic behaviour in nanocrystalline Fe. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1478-1480.	1.0	8
180	Neutron spectroscopy within the S=5 ground multiplet and low-temperature heat capacity in an Fe ₄ magnetic cluster. Physical Review B, 2001, 64, .	1.1	35

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181	Inelastic neutron scattering spectroscopy of C ₆₀ @calix[8]arene. <i>Molecular Physics</i> , 2000, 98, 567-572.	0.8	6
182	Rotational tunneling and quantum dynamics of methyl groups in supramolecular complexes. <i>Neutron News</i> , 2000, 11, 17-20.	0.1	0
183	Inelastic neutron scattering below 85 μ eV and zero-field splitting parameters in the Fe ₈ magnetic cluster. <i>Physical Review B</i> , 2000, 62, 3022-3024.	1.1	35
184	Structural effects in the EPR spectra of Ni ₃ +inLa ₂ Ni _{0.5} Li _{0.5} O ₄ . <i>Physical Review B</i> , 2000, 62, 9593-9598.	1.1	8
185	Field-Dependent Energy Scales in URu ₂ Si ₂ . <i>Physical Review Letters</i> , 2000, 85, 654-657.	2.9	25
186	Phase separation, thermal history and magnetic behaviour of Sr doped LaCoO ₃ . <i>Journal of Physics Condensed Matter</i> , 2000, 12, 9761-9770.	0.7	18
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