Paolo Santini

List of Publications by Year in descending order

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141 papers	5,531 citations	71102 41 h-index	88630 70 g-index
144 all docs	144 docs citations	144 times ranked	3323 citing authors

#	Article	IF	Citations
1	Multipolar interactions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math>-electron systems: The paradigm of actinide dioxides. Reviews of Modern Physics, 2009, 81, 807-863.	45.6	386
2	Engineering the coupling between molecular spin qubits by coordination chemistry. Nature Nanotechnology, 2009, 4, 173-178.	31.5	374
3	Molecular Engineering of Antiferromagnetic Rings for Quantum Computation. Physical Review Letters, 2005, 94, 207208.	7.8	291
4	Crystal Field Model of the Magnetic Properties of URu2Si2. Physical Review Letters, 1994, 73, 1027-1030.	7.8	206
5	A modular design of molecular qubits to implement universal quantum gates. Nature Communications, 2016, 7, 11377.	12.8	196
6	Triple-qâ†'Octupolar Ordering inNpO2. Physical Review Letters, 2002, 89, 187202.	7.8	168
7	Magnetism of actinide compounds. Advances in Physics, 1999, 48, 537-653.	14.4	142
8	Magnetic-Octupole Order in Neptunium Dioxide?. Physical Review Letters, 2000, 85, 2188-2191.	7.8	115
9	Proposal for Quantum Gates in Permanently Coupled Antiferromagnetic Spin Rings without Need of Local Fields. Physical Review Letters, 2005, 94, 190501.	7.8	115
10	Spin dynamics of molecular nanomagnets unravelled at atomic scale by four-dimensional inelastic neutron scattering. Nature Physics, 2012, 8, 906-911.	16.7	108
11	Magnetic excitations and dynamical Jahn-Teller distortions inUO2. Physical Review B, 1999, 59, 13892-13900.	3.2	102
12	Single molecule magnets for quantum computation. Journal Physics D: Applied Physics, 2007, 40, 2999-3004.	2.8	102
13	Entanglement in Supramolecular Spin Systems of Two Weakly Coupled Antiferromagnetic Rings (Purple-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi) Tj ETQq1 1 0.784314 rgBT /Over Physical Review Letters, 2010, 104, 037203.	7.8	99
14	Quantum Oscillations of the Total Spin in a Heterometallic Antiferromagnetic Ring: Evidence from Neutron Spectroscopy. Physical Review Letters, 2007, 98, 167401.	7.8	97
15	Understanding magnetic relaxation in single-ion magnets with high blocking temperature. Physical Review B, 2020, 101, .	3.2	94
16	Spin dynamics of heterometallicCr7Mwheels (M=Mn, Zn, Ni) probed by inelastic neutron scattering. Physical Review B, 2005, 71, .	3.2	89
17	Quantum hardware simulating four-dimensional inelastic neutron scattering. Nature Physics, 2019, 15, 455-459.	16.7	89
18	Molecular Nanomagnets as Quantum Simulators. Physical Review Letters, 2011, 107, 230502.	7.8	79

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19	SMixing and Quantum Tunneling of the Magnetization in Molecular Nanomagnets. Physical Review Letters, 2004, 92, 207205.	7.8	77
20	Spin triangles as optimal units for molecule-based quantum gates. Physical Review B, 2007, 76, .	3.2	67
21	Breakdown of the Giant Spin Model in the Magnetic Relaxation of theMn6Nanomagnets. Physical Review Letters, 2008, 100, 157203.	7.8	67
22	NMR as a Probe of the Relaxation of the Magnetization in Magnetic Molecules. Physical Review Letters, 2005, 94, 077203.	7.8	66
23	Molecular routes for spin cluster qubits. Dalton Transactions, 2006, , 2810.	3.3	66
24	Topology and spin dynamics in magnetic molecules. Physical Review B, 2005, 72, .	3.2	61
25	Switchable Interaction in Molecular Double Qubits. CheM, 2016, 1, 727-752.	11.7	60
26	Molecular nanomagnets with switchable coupling for quantum simulation. Scientific Reports, 2014, 4, 7423.	3.3	58
27	Hidden Order and Low-Energy Excitations inNpO2. Physical Review Letters, 2006, 97, 207203.	7.8	57
28	Dynamics of extensively reconstructed surfaces: Si(111) 2Ã—1. Physical Review Letters, 1989, 62, 3070-3073.	7.8	55
29	High-Temperature Slow Relaxation of the Magnetization inNi10Magnetic Molecules. Physical Review Letters, 2006, 97, 207201.	7.8	54
30	Behavior ofURu2Si2in an applied magnetic field. Physical Review B, 1998, 57, 5191-5199.	3.2	50
31	Successful grafting of isolated molecular<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mn>7</mml:mn></mml:msub> on Au(111) surface. Physical Review B, 2009, 79, .	3.2	49
32	Multipolar ordering in NpO2below 25 K. Journal of Physics Condensed Matter, 2003, 15, S2287-S2296.	1.8	48
33	Perturbative approach toJmixing inf-electron systems: Application to actinide dioxides. Physical Review B, 2005, 71, .	3.2	48
34	Portraying entanglement between molecular qubits with four-dimensional inelastic neutron scattering. Nature Communications, 2017, 8, 14543.	12.8	48
35	Molecular Nanomagnets as Qubits with Embedded Quantum-Error Correction. Journal of Physical Chemistry Letters, 2020, 11, 8610-8615.	4.6	48
36	Dynamics and structural assessment of open semiconductor surfaces: GaAs(110). Physical Review B, 1990, 42, 11942-11945.	3.2	46

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37	Multipolar, magnetic, and vibrational lattice dynamics in the low-temperature phase of uranium dioxide. Physical Review B, 2011, 84, .	3.2	44
38	Unveiling phonons in a molecular qubit with four-dimensional inelastic neutron scattering and density functional theory. Nature Communications, 2020, 11, 1751.	12.8	43
39	Quantum Magneto-Oscillations in a Supramolecular Mn(II)-[3Ã—3] Grid. Physical Review Letters, 2004, 92, 096403.	7.8	42
40	Spin dynamics and tunneling of the NÃ©el vector in theFe10magnetic wheel. Physical Review B, 2005, 71, .	3.2	41
41	Many-Body Models for Molecular Nanomagnets. Physical Review Letters, 2013, 110, 157204.	7.8	41
42	Evidence of spin singlet ground state in the frustrated antiferromagnetic ring<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mn>8</mml:mn></mml:msub> Physical Review B, 2009, 79, .	3.2	39
43	Inelastic neutron scattering study of the multipolar order parameter in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NpO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2008, 78, .	3.2	37
44	Resonant x-ray scattering study of magnetic-dipole and electric-quadrupole order inU0.75Np0.25O2. Physical Review B, 2004, 70, .	3.2	36
45	A Cost-Effective Semi-Ab Initio Approach to Model Relaxation in Rare-Earth Single-Molecule Magnets. Journal of Physical Chemistry Letters, 2021, 12, 8826-8832.	4.6	35
46	Quadrupolar Waves in Uranium Dioxide. Physical Review Letters, 2010, 105, 167201.	7.8	34
47	Magnetic Exchange Interactions in the Molecular Nanomagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mrow><mml:mn>12</mml:mn> Physical Review Letters, 2017, 119, 217202.	7.8	34
48	Inelastic neutron scattering study of the molecular grid nanomagnet Mn-[3Ã—3]. Physical Review B, 2004, 69, .	3.2	33
49	Spherical neutron spin polarimetry of anisotropic magnetic fluctuations inUO2. Physical Review B, 2005, 72, .	3.2	33
50	Localized4fStates and Dynamic Jahn-Teller Effect inPrO2. Physical Review Letters, 2001, 86, 2082-2085.	7.8	32
51	Direct observation of finite size effects in chains of antiferromagnetically coupled spins. Nature Communications, 2015, 6, 7061.	12.8	30
52	Surface phonon dispersion curves in GaAs(110) and Ge(111)2 Ã— 1: a critical comparison. Surface Science, 1991, 241, 346-352.	1.9	29
53	Magnetic Anisotropy of Cr₇Ni Spin Clusters on Surfaces. Advanced Functional Materials, 2012, 22, 3706-3713.	14.9	28
54	Quantum Information Processing with Hybrid Spin-Photon Qubit Encoding. Physical Review Letters, 2013, 111, 110501.	7.8	28

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55	Intra- and inter-multiplet magnetic excitations in a tetrairon(III) molecular cluster. Physical Review B, 2004, 70, .	3.2	27
56	Studies of a Large Oddâ€Numbered Oddâ€Electron Metal Ring: Inelastic Neutron Scattering and Muon Spin Relaxation Spectroscopy of Cr₈Mn. Chemistry - A European Journal, 2016, 22, 1779-1788.	3.3	27
57	A Detailed Study of the Magnetism of Chiral {Cr₇M} Rings: An Investigation into Parametrization and Transferability of Parameters. Journal of the American Chemical Society, 2014, 136, 9763-9772.	13.7	26
58	[CrF(O₂C^tBu)₂]₉: Synthesis and Characterization of a Regular Homometallic Ring with an Odd Number of Metal Centers and Electrons. Angewandte Chemie - International Edition, 2016, 55, 8856-8859.	13.8	26
59	Field-Dependent Energy Scales inURu2Si2. Physical Review Letters, 2000, 85, 654-657.	7.8	25
60	Digital quantum simulators in a scalable architecture of hybrid spin-photon qubits. Scientific Reports, 2015, 5, 16036.	3.3	25
61	Assessing the Nature of Chiral-Induced Spin Selectivity by Magnetic Resonance. Journal of Physical Chemistry Letters, 2021, 12, 6341-6347.	4.6	25
62	Finite-size-scaling study of the gap formation in the â€˜â€˜Kondo-necklaceâ€™â€™ model. Physical Review B, 1992, 46, 7422-7426.	3.2	24
63	Non-Dipolar Degrees of Freedom in Neptunium Dioxide. Journal of the Physical Society of Japan, 2002, 71, 11-16.	1.6	24
64	Theoretical design of molecular nanomagnets for magnetic refrigeration. Applied Physics Letters, 2013, 103, .	3.3	24
65	Intrinsic and extrinsic effects in surfaces: Acoustic-phonon softening of capped Si(111) surfaces. Physical Review B, 1992, 46, 9865-9868.	3.2	22
66	Octupolar order in : A specific heat investigation. Physica B: Condensed Matter, 2005, 359-361, 1087-1089.	2.7	22
67	Elementary excitations in antiferromagnetic Heisenberg spin segments. Physical Review B, 2007, 76, .	3.2	22
68	Inelastic neutron scattering investigations of molecular nanomagnets. Inorganica Chimica Acta, 2008, 361, 3771-3776.	2.4	22
69	Exchange interactions in Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>6</mml:mn></mml:msub></mml:math>	3.2	22
70	Crystal-field potentials of PrFe2Si2and PrFe2Ge2as deduced from inelastic neutron scattering and specific heat measurements. Journal of Physics Condensed Matter, 1995, 7, 8317-8330.	1.8	21
71	Inelastic neutron scattering and frequency-domain magnetic resonance studies ofS=4andS=12Mn6single-molecule magnets. Physical Review B, 2010, 81, .	3.2	21
72	Anisotropy of Co^{II} transferred to the Cr₇Co polymetallic cluster via strong exchange interactions. Chemical Science, 2018, 9, 3555-3562.	7.4	20

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73	Counteracting dephasing in Molecular Nanomagnets by optimized qudit encodings. Npj Quantum Information, 2021, 7, .	6.7	20
74	Macroscopic evidence of quantum coherent oscillations of the total spin in the Mn-[$mathsf{3imes3}$] molecular nanomagnet. European Physical Journal B, 2003, 36, 169-173.	1.5	19
75	X-ray magnetic circular dichroism investigation of spin and orbital moments inCr8andCr7Niantiferromagnetic rings. Physical Review B, 2008, 77, .	3.2	19
76	Rotational bands in open antiferromagnetic rings: A neutron spectroscopy study ofCr8Zn. Physical Review B, 2009, 79, .	3.2	19
77	Relaxation dynamics in the frustrated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Cr</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math> ring probed by NMR. Physical Review B, 2016, 93, .	3.2	19
78	Anisotropic magnetic fluctuations in 3- antiferromagnets. Journal of Magnetism and Magnetic Materials, 2007, 310, 1698-1702.	2.3	18
79	Varying spin state composition by the choice of capping ligand in a family of molecular chains: detailed analysis of magnetic properties of chromium(iii) horseshoes. Dalton Transactions, 2011, 40, 2725.	3.3	18
80	Santini and Amoretti Reply:. Physical Review Letters, 1995, 74, 4098-4098.	7.8	16
81	Magnetic correlations in the Anderson lattice: An exact-diagonalization study. Physical Review B, 1993, 47, 1130-1133.	3.2	15
82	LÃ©vy scaling in random walks with fluctuating variance. Physical Review E, 2000, 61, 93-99.	2.1	15
83	Probing local magnetization in molecular heterometallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2010, 82, .	3.2	15
84	Relaxation dynamics in a Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>nanomagnet. Physical Review B, 2013, 87, .	3.2	15
85	Many-bodyab initiostudy of antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>{</mml:mo><mml:msub><mml:mi mathvariant="bold">Cr</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:mi>M</mml:mi><mml:mo>}</mml:mo></mml:mrow></mml:math> rings. Physical Review B, 2016, 94, .	3.2	15
86	Embedded quantum-error correction and controlled-phase gate for molecular spin qubits. AIP Advances, 2021, 11, .	1.3	15
87	Low-energy spin dynamics in the giant keplerate molecule<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>{</mml:mo><mml:msub><mml:mi mathvariant="normal">Mo</mml:mi><mml:mn>72</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>30</mml:mn></mml:msub><mml:mo>}</mml:mo></mml:mrow></mml:math>: A muon spin relaxation and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	14
88	Phonon-induced relaxation in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math> molecule probed by NMR. Physical Review B, 2010, 82, .	3.2	14
89	Magnetic properties and relaxation dynamics of a frustrated Ni₇molecular nanomagnet. Journal of Physics Condensed Matter, 2012, 24, 104006.	1.8	14
90	Superadiabatic driving of a three-level quantum system. Physical Review A, 2017, 96, .	2.5	14

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91	Simulating Static and Dynamic Properties of Magnetic Molecules with Prototype Quantum Computers. Magnetochemistry, 2021, 7, 117.	2.4	14
92	Crystal-field excitations and gap opening in Tm: YBa2Cu4O8 by inelastic neutron scattering. Physica C: Superconductivity and Its Applications, 1994, 221, 227-236.	1.2	13
93	Inelastic-neutron-scattering study of excited spin multiplets and low-energy phonons in theFe8nanomagnet: Implications for relaxation. Physical Review B, 2006, 73, .	3.2	13
94	Quantum error correction with molecular spin qudits. Physical Chemistry Chemical Physics, 2022, 24, 20030-20039.	2.8	13
95	Magnetic properties and chiral states of a trimetallic uranium complex. Journal of Physics Condensed Matter, 2013, 25, 486001.	1.8	12
96	First-principles many-body models for electron transport through molecular nanomagnets. Physical Review B, 2019, 99, .	3.2	12
97	Magnetization and susceptibility of the Kondo compounds ,x= 0, 1, 1.5, 2. Journal of Physics Condensed Matter, 1998, 10, 4465-4475.	1.8	11
98	Robustness of quantum gates with hybrid spin-photon qubits in superconducting resonators. Physical Review A, 2014, 89, .	2.5	11
99	Supramolecular Complexes for Quantum Simulation. Magnetochemistry, 2016, 2, 37.	2.4	11
100	Unravelling the Spin Dynamics of Molecular Nanomagnets with Fourâ€Dimensional Inelastic Neutron Scattering. European Journal of Inorganic Chemistry, 2019, 2019, 1106-1118.	2.0	11
101	Neutron spectroscopy and magnetic relaxation of the Mn6 nanomagnets. Polyhedron, 2009, 28, 1940-1944.	2.2	10
102	[CrF(O₂C^tBu)₂]₉: Synthesis and Characterization of a Regular Homometallic Ring with an Odd Number of Metal Centers and Electrons. Angewandte Chemie, 2016, 128, 9002-9005.	2.0	10
103	Constructing clock-transition-based two-qubit gates from dimers of molecular nanomagnets. Physical Review Research, 2020, 2, .	3.6	10
104	Spin Dynamics in Hybrid Iron Oxideâ€“Gold Nanostructures. Journal of Physical Chemistry C, 2015, 119, 1224-1233.	3.1	9
105	Selfâ€consistent crystalâ€field description of tetragonal Pr and U compounds with Van Vleck induced magnetism. Journal of Applied Physics, 1993, 73, 6560-6562.	2.5	8
106	Classical fluctuations and anisotropy in quasi-one-dimensional antiferromagnets. Physical Review B, 1996, 54, 6327-6332.	3.2	8
107	AF molecular rings for quantum computation. Polyhedron, 2005, 24, 2562-2567.	2.2	8
108	Molecular spin clusters for quantum computation. Journal of Magnetism and Magnetic Materials, 2007, 310, e501-e502.	2.3	8

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109	Unconventional Nonequilibrium Dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ni</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:math>Magnetic Molecules: Evidence from NMR. Physical Review Letters, 2009, 102, 177201.	7.8	8
110	Analysis of the crystal field level splittings for Tm3+ in YBCO-type compounds. Physica B: Condensed Matter, 1994, 193, 221-231.	2.7	7
111	Molecular-field theory of moment reduction in Kondo systems with crystal-field effects. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 100, 95-104.	1.1	7
112	Spin dynamics ofFe7M(M=Zn,Mn)heterometallic rings probed by neutron spectroscopy. Physical Review B, 2007, 75, .	3.2	7
113	Neutron spectroscopy and anisotropy of the magnetic properties of UOS: Interpretation in a crystal-field and molecular-field model. Journal of Magnetism and Magnetic Materials, 1995, 139, 339-346.	2.3	7
114	Polarized neutron scattering study of the magnetic response across TN in a single crystal of UO2. Journal of Applied Physics, 1999, 85, 4524-4526.	2.5	6
115	Unified crystal-field picture for actinide dioxides. Journal of Physics and Chemistry of Solids, 2007, 68, 2020-2023.	4.0	6
116	Detection of entanglement between collective spins. Physical Review B, 2013, 88, .	3.2	6
117	Long-lasting hybrid quantum information processing in a cavity-protection regime. Physical Review B, 2016, 93, .	3.2	6
118	Competition between Kondo effect and magnetic interaction in Kondo systems. Physica B: Condensed Matter, 1997, 230-232, 523-528.	2.7	4
119	Quantum fluctuations of the total spin in molecular nanomagnets: Evidence from torque and specific heat. Journal of Applied Physics, 2004, 95, 7348-7350.	2.5	4
120	Magnetization and spin dynamics of a Cr-based magnetic cluster:. Journal of Magnetism and Magnetic Materials, 2010, 322, 1262-1264.	2.3	4
121	Correlation effects on electronic and optical properties of aC60molecule: A variational Monte Carlo study. Physical Review B, 1996, 54, 13611-13615.	3.2	3
122	Quantum fluctuations and anisotropy in quasi-one-dimensional antiferromagnets. Physical Review B, 1997, 56, 5373-5379.	3.2	3
123	Temperature dependence of single particle excitations in aS=1chain: Exact diagonalization calculations compared to neutron scattering experiments. Physical Review B, 2002, 66, .	3.2	3
124	Spin dynamics of molecular nanomagnets. Physica B: Condensed Matter, 2006, 385-386, 301-306.	2.7	3
125	Decay of time-correlations of microscopic observables in magnetic molecules. Physica B: Condensed Matter, 2006, 374-375, 109-113.	2.7	3
126	Relaxation of the magnetization in a molecule containing ions :. Journal of Magnetism and Magnetic Materials, 2007, 310, 1450-1451.	2.3	3

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127	Response to â€œComment on â€˜Theoretical design of molecular nanomagnets for magnetic refrigerationâ€™â€‰â€• [Appl. Phys. Lett. 105, 046101 (2014)]. Applied Physics Letters, 2014, 105, 046102.	3.3	3
128	Relaxation of the magnetization in magnetic molecules. Journal of Applied Physics, 2006, 99, 08D101.	2.5	2
129	Slow magnetic dynamics in the Ni10 family of compounds. Solid State Sciences, 2009, 11, 778-785.	3.2	2
130	Kondo reduction of magnetic moment under high external field in CeCu5: Theoretical interpretation. Solid State Communications, 1997, 103, 585-589.	1.9	1
131	Quantum tunneling of the magnetization in molecular nanomagnets: The crucial role of S mixing. Polyhedron, 2005, 24, 2459-2463.	2.2	1
132	Relaxation dynamics of the Fe8 molecular nanomagnet as probed by nuclear magnetic resonance. Dalton Transactions, 2010, 39, 4869.	3.3	1
133	Surface lattice dynamics of the Pandey-reconstructed Si(111)-2 Ã— 1: No pathologies in the experimental findings. Surface Science, 1989, 211-212, 335-342.	1.9	0
134	Surface Phonons in Si(111) 2 Ã— 1: Folding and Chain Effects of the Reconstruction. Physica Scripta, 1989, T25, 305-308.	2.5	0
135	Lattice dynamics of GaAs(110) and Ge(111): 2 Ã— 1. Vacuum, 1990, 41, 605-607.	3.5	0
136	Spin correlations in dense Kondo systems. Journal of Applied Physics, 1993, 73, 5403-5405.	2.5	0
137	Numerical calculation of correlation functions by boundary condition averaging: test on the one-dimensional Hubbard model. Computer Physics Communications, 1995, 92, 16-20.	7.5	0
138	Moment reduction in Kondo systems with crystal field effects: molecular field theory. Physica B: Condensed Matter, 1995, 206-207, 138-140.	2.7	0
139	Quadrupolar model of the 17.5 K phase transition in URu2Si2. Physica B: Condensed Matter, 1995, 206-207, 421-423.	2.7	0
140	Elementary excitations in uranium dioxide: Unravelling the tangle. Comptes Rendus Physique, 2014, 15, 573-579.	0.9	0
141	Efficient Quantum Simulation of Dynamic Correlations on Superconducting Quantum Computers. , 2019, , .		0