

# Bernd BÃ¼chner

## List of PR Articles by Year in descending order

Source: [//exaly.com/author-pdf/4256498/publications.pdf](https://exaly.com/author-pdf/4256498/publications.pdf)

Version: 2025-02-01

948

PR articles

31,660

PR citations

3133

81

PR h-index

2530

175

g-index

979

documents

36067

doc citations

3246

88

h-index

27410

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Non-Hermitian topology in a multi-terminal quantum Hall device. <i>Nature Physics</i> , 2024, 20, 395-401.	15.1	34
2	Evidence of superconducting Fermi arcs. <i>Nature</i> , 2024, 626, 294-299.	38.7	39
3	Phonon thermal transport shaped by strong spin-phonon scattering in a Kitaev material Na <sub>2</sub> Co <sub>2</sub> TeO <sub>6</sub> . <i>Npj Quantum Materials</i> , 2024, 9, .	6.0	19
4	Tunable positions of Weyl nodes via magnetism and pressure in the ferromagnetic Weyl semimetal CeAlSi. <i>Nature Communications</i> , 2024, 15, .	13.9	32
5	Evolution of the pentacene exciton band width in pentaceneâ€“tetracene blends. <i>Journal of Chemical Physics</i> , 2024, 160, .	2.8	2
6	Access to the full three-dimensional Brillouin zone with time resolution, using a new tool for pumpâ€“probe angle-resolved photoemission spectroscopy. <i>Review of Scientific Instruments</i> , 2024, 95, .	1.5	4
7	Exploring the heteroanionic 2D materials RhSeCl and RhTeCl as promising semiconductor materials. <i>Dalton Transactions</i> , 2024, 53, 18226-18236.	3.0	2
8	Crystal growth of the 2D Janus rhodium chalcogenide RhSeCl. <i>Inorganic Chemistry Frontiers</i> , 2023, 10, 2911-2916.	6.4	9
9	Intermixingâ€“Driven Surface and Bulk Ferromagnetism in the Quantum Anomalous Hall Candidate MnBi <sub>6</sub> Te <sub>10</sub> . <i>Advanced Science</i> , 2023, 10, .	12.7	21
10	Mechanochemical synthesis of Li-rich (Li <sub>2</sub> Fe)SO cathode for Li-ion batteries. <i>Green Chemistry</i> , 2023, 25, 3878-3887.	9.1	19
11	Understanding the chemistry of 2D rhodium trihalide solid solutions: tuning of optical properties and nanocrystal deposition. <i>2D Materials</i> , 2023, 10, 035011.	4.2	4
12	Microstructural evolution of layered Kâ€“doped RuCl <sub>3</sub> during annealing traced by thermogravimetric analysis and 3D electron diffraction. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2023, 649, .	0.9	0
13	Saturation of the anomalous Hall effect at high magnetic fields in altermagnetic RuO <sub>2</sub> . <i>APL Materials</i> , 2023, 11, .	3.6	82
14	Coupled mechanical oscillator enables precise detection of nanowire flexural vibrations. <i>Communications Physics</i> , 2023, 6, .	5.3	2
15	Anomalous Nernst effect in the topological and magnetic material MnBi <sub>4</sub> Te <sub>7</sub> . <i>Npj Quantum Materials</i> , 2023, 8, .	6.0	16
16	Study of Synthesis Processes of Superconducting (?) MAX Phase Ti <sub>2</sub> InN. <i>IEEE Transactions on Applied Superconductivity</i> , 2023, , 1-6.	1.5	0
17	Synthesis and Physical Properties of Iridium-Based Sulfide Ca <sub>1-x</sub> Ir <sub>4</sub> S <sub>6</sub> (S <sub>2</sub> ) [x = 0.23â€“0.33]. <i>Electronic Materials</i> , 2022, 3, 41-52.	1.5	0
18	Thermodynamic and DFT modeling in quaternary Co-based Heusler phase space: Understanding the interplay between disorder, bonding, and magnetism. <i>Computational Materials Science</i> , 2022, 203, 111089.	3.2	7

#	ARTICLE	IF	PR CITATIONS
19	Tuning the electronic structure of the trichloride honeycomb lattice by transition metal substitution. <i>Physical Review Materials</i> , 2022, 6, . <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mmultiscripts><mi mathvariant="normal">P</mi><mprescripts /><none /><mrow><mn>31</mn></mrow></mmultiscripts></math>	2.7	4
20	NMR investigation of quasi-two-dimensional magnetic correlations in Kagome Superconductor. <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><msub><mi>T</mi></msub><mn>2</mn></msub></math> Charge-Density-Wave-Induced Peak-Dip-Hump Structure and the Multiband Superconductivity in a Kagome Superconductor. <i>Physical Review Letters</i> , 2022, 128, .	3.4	13
21	Direct Deposition of (Bi <sub>x</sub> Sb <sub>1-x</sub> ) <sub>2</sub> Te <sub>3</sub> Nanosheets on Si/SiO <sub>2</sub> Substrates by Chemical Vapor Transport. <i>Crystal Growth and Design</i> , 2022, 22, 2354-2363.	8.2	90
22	Magnetoelastic coupling anisotropy in the Kitaev material <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mrow><mi>Î±</mi><mtext>âˆ’</mtext><mi>Ru</mi></mrow>	3.4	22
23	Highly efficient modulation doping: A path toward superior organic thermoelectric devices. <i>Science Advances</i> , 2022, 8, .	11.0	40
24	Interplay of charge density waves, disorder, and superconductivity in 2H-TaSe <sub>2</sub> elucidated by NMR. <i>New Journal of Physics</i> , 2022, 24, 043008.	2.9	12
25	Determination of Cleavage Energy and Efficient Nanostructuring of Layered Materials by Atomic Force Microscopy. <i>Nano Letters</i> , 2022, 22, 3550-3556.	8.7	26
26	Elastoresistivity of Heavily Hole-Doped 122 Iron Pnictide Superconductors. <i>Frontiers in Physics</i> , 2022, 10, .	1.9	3
27	Strong effects of uniaxial pressure and short-range correlations in <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mrow><msub><mi>Cr</mi></msub><mn>2</mn></msub></math>	3.9	17
28	Isolated fourfold fermion in BiTeI. <i>Physical Review B</i> , 2022, 105, .	3.4	2
29	Low-energy excitations and magnetic anisotropy of the layered van der Waals antiferromagnet <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mrow><msub><mi>Ni</mi></msub><mn>2</mn></msub><msub><mi>S</mi></msub><mn>6</mn></msub></mrow></math>	3.4	17
30	Optical Anisotropy and Momentum-Dependent Excitons in Dibenzopentacene Single Crystals. <i>ACS Omega</i> , 2022, 7, 21183-21191.	4.3	10
31	Metamagnetic transition and a loss of magnetic hysteresis caused by electron trapping in monolayers of single-molecule magnet Tb <sub>2</sub> @C <sub>79</sub> N. <i>Nanoscale</i> , 2022, 14, 9877-9892.	5.0	10
32	Synthesis of micro- and nanosheets of CrCl <sub>3</sub> â€RuCl <sub>3</sub> solid solution by chemical vapour transport. <i>Nanoscale</i> , 2022, 14, 10483-10492.	5.0	6
33	Strong surface termination dependence of the electronic structure of polar superconductor LaFeAsO revealed by nano-ARPES. <i>New Journal of Physics</i> , 2022, 24, 113018.	2.9	5
34	Understanding Intermolecular Interactions in a Tetraceneâ€F <sub>4</sub> TCNQ Cocrystal via Its Electron Density Distribution and Topology. <i>Crystal Growth and Design</i> , 2021, 21, 471-481.	3.4	14
35	Self-Assembled Rolled-Up Microcoils for nL Microfluidics NMR Spectroscopy. <i>Advanced Materials Technologies</i> , 2021, 6, .	5.9	15

#	ARTICLE	IF	PR CITATIONS
37	Experimental Evidence of a Stable $2\text{H}$ Phase on the Surface of Layered $1\text{T}'\text{-TaTe}_2$ . Journal of Physical Chemistry C, 2021, 125, 1150-1156.	3.1	14
38	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt( $\text{II}$ ) complexes with enantiopure and racemic $\text{N}$ -thiophosphorylated thioureas. CrystEngComm, 2021, 23, 2081-2090.	2.4	1
39	Temperature-dependent dynamics of endohedral fullerene $\text{Sc}_2@C_{80}(\text{CH}_2)_2\text{Ph}$ studied by EPR spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 18206-18220.	2.7	9
40	Magnetically induced local lattice anomalies and low-frequency fluctuations in the Mott insulator $\text{La}_2\text{O}_3\text{Fe}_2\text{Se}_2$ . Physical Review B, 2021, 103, .	3.4	1
41	Strain derivative of thermoelectric properties as a sensitive probe for nematicity. Npj Quantum Materials, 2021, 6, .	6.0	8
42	Vacuum processed large area doped thin-film crystals: A new approach for high-performance organic electronics. Materials Today Physics, 2021, 17, 100352.	6.1	17
43	Linkage between scattering rates and superconductivity in doped ferropnictides. Physical Review B, 2021, 103, .	3.4	12
44	Orbital Complexity in Intrinsic Magnetic Topological Insulators $\text{MnBi}$ and Evidence for a percolative Mott insulator-metal transition in doped $\text{Sr}_2\text{CoMn}_2\text{O}_{10}$	8.2	57
45	Evidence for a percolative Mott insulator-metal transition in doped $\text{Sr}_2\text{CoMn}_2\text{O}_{10}$ . Physical Review Letters, 2021, 126, .	3.9	9
46	Mapping out the spin fluctuations in Co-doped $\text{LaFeAsO}$ single crystals by NMR. Physical Review B, 2021, 103, .	3.4	4
47	Revisiting the phase diagram of $\text{LaFeAsO}$ Topological magnetic order and superconductivity in $\text{EuRb}_2\text{Co}_2\text{O}_{10}$	3.4	15
48	Topological magnetic order and superconductivity in $\text{EuRb}_2\text{Co}_2\text{O}_{10}$ . Physical Review B, 2021, 103, .	3.4	15
49	Strongly anisotropic spin dynamics in magnetic topological insulators. Physical Review B, 2021, 103, .	3.4	23
50	Crystal Growth of the Quasi-2D Quarternary Compound $\text{AgCrP}_2\text{S}_6$ by Chemical Vapor Transport. Crystals, 2021, 11, 500.	2.2	17
51	Anomalous band renormalization due to a high-energy kink in $\text{K}_{0.65}\text{RhO}_2$ with colossal thermoelectric power factor. Physical Review Materials, 2021, 5, .	2.7	0
52	TSFZ growth of Nd-substituted LSCO superconducting crystals. Journal of Crystal Growth, 2021, 562, 126082.	1.9	2
53	Strong Photophysical Diversity and the Role of Charge Transfer Excitons in Transition Metal Phthalocyanine $\text{I}^2$ -Phases. Journal of Physical Chemistry C, 2021, 125, 12398-12404.	3.1	6
54	Laser-Assisted Floating Zone Growth of $\text{BaFe}_2\text{S}_3$ Large-Sized Ferromagnetic-Impurity-Free Single Crystals. Crystals, 2021, 11, 758.	2.2	5

#	ARTICLE	IF	PR CITATIONS
55	Tuning Magnetic and Transport Properties in Quasi-2D (Mn <sup>1-x</sup> Ni <sup>x</sup> ) <sub>2</sub> P <sub>2</sub> S <sub>6</sub> Single Crystals. <i>Electronic Materials</i> , 2021, 2, 284-298.	1.5	36
56	Layered van der Waals Topological Metals of TaTMTe <sub>4</sub> (TM = Ir, Rh, Ru) Family. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6730-6735.	4.2	13
57	Probing the Crystal Field Splitting of the d-orbitals in a Cu <sup>2+</sup> complex by X-ray absorption spectroscopy. <i>Physical Review B</i> , 2021, 103, .	3.9	3
58	Robust Single Molecule Magnet Monolayers on Graphene and Graphite with Magnetic Hysteresis up to 28ÅK. <i>Advanced Functional Materials</i> , 2021, 31, .	17.0	39
59	Exciton dispersion in <i>para</i> -quaterphenyl: Significant molecular interactions beyond Coulomb coupling. <i>AIP Advances</i> , 2021, 11, .	1.2	3
60	Tailoring Plasmonics of Au@Ag Nanoparticles by Silica Encapsulation. <i>Advanced Optical Materials</i> , 2021, 9, .	7.0	9
61	Gadolinium as an accelerator for reaching thermal equilibrium and its influence on the ground state of Dy <sub>2</sub> C <sub>80</sub> single-molecule magnets. <i>Physical Review B</i> , 2021, 103, .	3.4	8
62	Magnetic Hysteresis at 10 K in Single Molecule Magnet Self-Assembled on Gold. <i>Advanced Science</i> , 2021, 8, .	12.7	31
63	Electrophilic Trifluoromethylation of Dimetallofullerene Anions en Route to Air-Stable Single-Molecule Magnets with High Blocking Temperature of Magnetization. <i>Journal of the American Chemical Society</i> , 2021, 143, 18139-18149.	15.0	52
64	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. <i>Nature Physics</i> , 2021, 17, 1254-1259.	15.1	79
65	Strongly scattered phonon heat transport of the candidate Kitaev material Na <sub>2</sub> Physical Review B, 2021, 104, .	3.4	55
66	Magnetic-field tuning of the spin dynamics in the magnetic topological insulators MnBi <sub>2</sub> Physical Review B, 2021, 104, .	3.4	3
67	Precise measurement of angles between two magnetic moments and their configurational stability in single-molecule magnets. <i>Physical Review B</i> , 2021, 104, .	3.4	9
68	Thermal transport of the frustrated spin-chain mineral linarite: Magnetic heat transport and strong spin-phonon scattering. <i>Physical Review B</i> , 2021, 104, .	3.4	8
69	Persistence of Ising-like easy-axis spin correlations in the paramagnetic state of the spin-1 chain compound NiTe <sub>2</sub> O <sub>5</sub> . <i>Physical Review B</i> , 2021, 104, .	3.4	3
70	Unveiling the three-dimensional magnetic texture of skyrmion tubes. <i>Nature Nanotechnology</i> , 2021, 17, 250-255.	33.5	99
71	Substrate-Independent Magnetic Bistability in Monolayers of the Single-Molecule Magnet Dy <sub>2</sub> ScN@C <sub>80</sub> on Metals and Insulators. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5756-5764.	14.4	31
72	Single-Molecule Magnets Dy <sub>2</sub> N@C <sub>80</sub> and Dy <sub>2</sub> MN@C <sub>80</sub> (M=Sc, Lu): The Impact of Diamagnetic Metals on Dy <sup>3+</sup> Magnetic Anisotropy, Dy-Dy Coupling, and Mixing of Molecular and Lattice Vibrations. <i>Chemistry - A European Journal</i> , 2020, 26, 2436-2449.	3.4	32

#	ARTICLE	IF	PR CITATIONS
73	Interplay of electron correlations, spin-orbit couplings, and structural effects for Cu centers in the quasi-two-dimensional magnet $\text{InCu}_2(\text{BV})_1\text{BO}_3$ . <i>Physical Review B</i> , 2020, 102, .	3.4	1
74	Tetranuclear Lanthanide Complexes Supported by Hydroxyquinoline- $\beta$ -Calix[4]arene Ligands: Synthesis, Structure, and Magnetic Properties of $[\text{Ln}_{4}(\text{H}(\mu\text{-OH})_2(\text{NO}_3)_4)]$ (Ln = Tb, Dy, Yb) and $[\text{Dy}_2(\text{H}(\mu\text{-OH})_2(\text{NO}_3)_3)](\text{NO}_3)$ . <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4203-4214.	1.8	8
75	Thermodynamic Evaluation and Chemical Vapor Transport of Few-Layer $\text{WTe}_2$ . <i>Crystal Growth and Design</i> , 2020, 20, 7341-7349.	3.4	11
76	Unusually large hyperfine structure of the electron spin levels in an endohedral dimetallofullerene and its spin coherent properties. <i>Nanoscale</i> , 2020, 12, 20513-20521.	5.0	23
77	Tuning of the electronic and phononic properties of NbFeSb half-Heusler compound by Sn/Hf co-doping. <i>Acta Materialia</i> , 2020, 196, 669-676.	8.7	30
78	Experimental Evidence of Three-Gap Superconductivity in LiFeAs. <i>JETP Letters</i> , 2020, 111, 350-356.	1.4	10
79	Discovery, Crystal Growth, and Characterization of Garnet $\text{Eu}_2\text{PbSb}_2\text{Zn}_3\text{O}_{12}$ . <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2512-2520.	1.8	2
80	Synthesis and charge transfer characteristics of a ruthenium-acetylide complex. <i>RSC Advances</i> , 2020, 10, 43242-43247.	4.4	1
81	Evolution of the Nematic Susceptibility in $\text{LaFe}_2$ . <i>Physical Review Letters</i> , 2020, 125, .	8.2	20
82	$\text{La}_6\text{Pd}_{2+x}\text{Sb}_{15}$ ( $x = 0.28$ ): A rare-earth palladium intermetallic compound with extended pnictogen ribbons. <i>Journal of Solid State Chemistry</i> , 2020, 291, 121578.	3.3	2
83	Magnetic hysteresis and strong ferromagnetic coupling of sulfur-bridged Dy ions in clusterfullerene $\text{Dy}_2\text{S}@C_{82}$ . <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3521-3532.	6.4	20
84	Charge-transfer energy in iridates: A hard x-ray photoelectron spectroscopy study. <i>Physical Review B</i> , 2020, 102, .	3.4	17
85	Observation of a random singlet state in a diluted Kitaev honeycomb material. <i>Physical Review B</i> , 2020, 102, .	3.4	28
86	Nematic superconductivity in LiFeAs. <i>Physical Review B</i> , 2020, 102, .	3.4	25
87	$\text{Mg}_3(\text{Bi,Sb})_2$ single crystals towards high thermoelectric performance. <i>Energy and Environmental Science</i> , 2020, 13, 1717-1724.	30.9	147
88	Evidence for an orbital dependent Mott transition in the ladders of $\text{La}_{1-x}\text{Pr}_x\text{Mg}_2$ . <i>Physical Review B</i> , 2020, 102, .	3.4	5
89	Sub-Kelvin hysteresis of the dimeric lanthanide single-molecule magnet $\text{La}_2(\text{C}_8\text{H}_7\text{O}_2)_2$ . <i>Physical Review B</i> , 2020, 101, .	3.4	11
90	Electronic structure of epitaxial perovskite films in the two-dimensional limit: Role of the surface termination. <i>Applied Physics Letters</i> , 2020, 116, .	3.0	3

#	ARTICLE	IF	PR CITATIONS
91	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. Nature Physics, 2020, 16, 789-794.	15.1	85
92	Charge transfer characteristics of F <sub>6</sub> TCNQ-gold interface. Surface and Interface Analysis, 2020, 52, 953-956.	1.7	6
93	Metamagnetism of Weakly Coupled Antiferromagnetic Topological Insulators. Physical Review Letters, 2020, 124, .	8.2	60
94	Electronic structure studies of FeSi: A chiral topological system. Physical Review B, 2020, 101, .	3.4	29
95	Systematic Investigations of Annealing and Functionalization of Carbon Nanotube Yarns. Molecules, 2020, 25, 1144.	4.3	13
96	Field-induced transitions in the Kitaev material $\text{RuCl}_2$ probed by thermal expansion and magnetostriction. Physical Review B, 2020, 101, .	3.4	33
97	Substrate-independent magnetic bistability in monolayers of the single-molecule magnet $\text{Dy}_2\text{ScN@C}_{80}$ on Metals and Insulators. Angewandte Chemie, 2020, 132, 5005-5010.	1.4	2
98	Separate tuning of nematicity and spin fluctuations to unravel the origin of superconductivity in FeSe. Npj Quantum Materials, 2020, 5, .	6.0	25
99	Flux growth of $\text{Sr}_{1+x}\text{IrO}_{3+x}$ ( $x=1, 2, \dots$ ) crystals. Journal of Crystal Growth, 2020, 540, 125657.	1.9	5
100	Unified phase diagram of F-doped $\text{LaFeAsO}$ by means of NMR and NQR parameters. Physical Review B, 2020, 101, .	3.4	8
101	Investigation of potassium-intercalated bulk $\text{MoS}_2$ transmission electron energy-loss spectroscopy. Physical Review B, 2020, 101, .	3.4	8
102	Sequentially Processed $\text{P3HT/CN}_6\text{CP-NBu}_4$ Films: Interfacial or Bulk Doping?. Advanced Electronic Materials, 2020, 6, .	4.9	10
103	Shape-adaptive single-molecule magnetism and hysteresis up to 14 K in oxide clusterfullerenes $\text{Dy}_2\text{O}_7\text{C}_{72}$ and $\text{Dy}_2\text{O}_7\text{C}_{74}$ with fused pentagon pairs and flexible $\text{Dy}(\text{I}^{1/4}\text{O})\text{Dy}$ angle. Chemical Science, 2020, 11, 4766-4772.	7.1	41
104	High-field thermal transport properties of the Kitaev quantum magnet $\text{RuCl}_2$ : Evidence for low-energy excitations beyond the critical field. Physical Review B, 2020, 102, .	3.4	23
105	$\text{HfS}_2$ and $\text{HfS}_2$	2.7	13
106	Electron spin resonance and ferromagnetic resonance spectroscopy in the high-field phase of the van der Waals magnet $\text{CrCl}_3$ . Physical Review Materials, 2020, 4, .	2.7	32
107	Incommensurate magnet iron monophosphide $\text{FeP}$ : Crystal growth and characterization. Physical Review Materials, 2020, 4, .	2.7	7
108	Polymorphic $\text{PtBi}_2$ : Growth, structure, and superconducting properties. Physical Review Materials, 2020, 4, .	2.7	44

#	ARTICLE	IF	PR CITATIONS
109	Single Molecule Magnetism and Fractionalized Excitations in Double Perovskite Kramers doublets, phonons, crystal field excitations, and their coupling in Physical Review Research, 2020, 2, .	3.9	23
110	Low-temperature enhancement of ferromagnetic Kitaev correlations in Physical Review Materials, 2020, 4, .	3.9	13
111	Evolution of Structure and Electronic Correlations in a Series of BaT <sub>2</sub> As <sub>2</sub> (T = Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu) Physical Review B, 2019, 100, .	3.9	28
112	Single Molecule Magnetism with Strong Magnetic Anisotropy and Enhanced Dy <sup>III</sup> -O-C <sub>82</sub> Dy <sub>2</sub> O@C <sub>82</sub> . Advanced Science, 2019, 6, .	12.7	53
113	Energy scale of nematic ordering in the parent iron-based superconductor Physical Review B, 2019, 100, .	3.4	13
114	Layered manganese bismuth tellurides with GeBi <sub>4</sub> Te <sub>7</sub> - and GeBi <sub>6</sub> Te <sub>10</sub> -type structures: towards multifunctional materials. Journal of Materials Chemistry C, 2019, 7, 9939-9953.	5.1	39
115	Probing the reconstructed Fermi surface of antiferromagnetic BaFe <sub>2</sub> As <sub>2</sub> in one domain. Npj Quantum Materials, 2019, 4, .	6.0	34
116	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and F <sup>•</sup> -F Interactions. Crystal Growth and Design, 2019, 19, 5123-5131.	3.4	9
117	Layered $\hat{\Gamma}$ -TiCl <sub>3</sub> : Microsheets on YSZ Substrates for Ethylene Polymerization with Enhanced Activity. Chemistry of Materials, 2019, 31, 5305-5313.	6.7	6
118	Evidence of hot and cold spots on the Fermi surface of LiFeAs. Physical Review B, 2019, 99, .	3.4	22
119	Effect of the Diamagnetic Single-Crystalline Host on the Angular-Resolved Electron Nuclear Double Resonance Experiments: Case of Paramagnetic [Cu(opba)] Embedded in Diamagnetic [Bu <sub>4</sub> N] <sub>2</sub> [Cu(opba)] and [Ni(opba)]. Journal of Physical Chemistry Letters, 2019, 10, 6565-6571.	4.2	1
120	Magnetic Nanoparticle Chains in Gelatin Ferrogels: Bioinspiration from Magnetotactic Bacteria. Advanced Functional Materials, 2019, 29, .	17.0	30
121	Chromium Trihalides CrX <sub>3</sub> (X = Cl, Br, I): Direct Deposition of Micro- and Nanosheets on Substrates by Chemical Vapor Transport. Advanced Materials Interfaces, 2019, 6, .	4.1	55
122	Magnetization Dynamics of an Individual Single-Crystalline Fe-Filled Carbon Nanotube. Small, 2019, 15, .	11.6	27
123	Nonlocal dielectric function and nested dark excitons in MoS <sub>2</sub> . Npj 2D Materials and Applications, 2019, 3, .	7.8	13
124	Superconducting spin-valve effect in heterostructures with ferromagnetic Heusler alloy layers. Physical Review B, 2019, 100, .	3.4	34

#	ARTICLE	IF	PR CITATIONS
127	Ground state and low-temperature magnetism of the quasi-two-dimensional honeycomb compound $\text{InCu}_2\text{V}_3\text{O}_{10}$ . Physical Review B, 2019, 100, .	3.4	8
128	Crystal size <i>versus</i> 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.	9.3	67
129	Spectroscopic evidence of nematic fluctuations in LiFeAs. Physical Review B, 2019, 100, .	3.4	7
130	Zn and Co redox active coordination polymers as efficient electrocatalysts. Dalton Transactions, 2019, 48, 3601-3609.	3.0	55
131	Bandwidth controlled insulator-metal transition in $\text{BaFe}_2\text{S}_3$ : A Mössbauer study under pressure. Physical Review B, 2019, 99, .	3.4	10
132	Simulation and synthesis of $\text{MoCl}_3$ nanosheets on substrates by short time chemical vapor transport. Nano Structures Nano Objects, 2019, 19, 100324.	4.2	13
133	Charge and nematic orders in $\text{Fe}^{15}$ superconductors. Physical Review B, 2019, 99, .	3.4	15
134	Spin-glass state and reversed magnetic anisotropy induced by Cr doping in the Kitaev magnet $\text{Fe}^{15}$ . Physical Review B, 2019, 99, .	3.4	29
135	A Phthalocyanine-Based Layered Two-Dimensional Conjugated Metal-Organic Framework as a Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2019, 58, 10677-10682.	14.4	384
136	Mixed dysprosium-lanthanide nitride clusterfullerenes $\text{Dy}_2\text{N}@C_{80}$ and $\text{Dy}_2\text{MN}@C_{80}$ ( $M = \text{Gd}, \text{Er}, \text{Tm}, \text{and Lu}$ ): synthesis, molecular structure, and quantum motion of the endohedral nitrogen atom. Nanoscale, 2019, 11, 13139-13153.	5.0	24
137	Detuning the Honeycomb of the $\text{RuCl}_3$ Kitaev Lattice: A Case of $\text{Cr}^{3+}$ Dopant. Inorganic Chemistry, 2019, 58, 6659-6668.	4.6	16
138	Endohedral metal-nitride cluster ordering in metallofullerene $\text{Ni}_{11}$ (OEP) complexes and crystals: a theoretical study. Physical Chemistry Chemical Physics, 2019, 21, 8197-8200.	2.7	27
139	Large thermal Hall effect in $\text{Fe}^{15}$ . Physical Review B, 2019, 99, .	3.4	81
140	Magnetic phase diagram of the frustrated spin chain compound $\text{PbCuSO}_4$ as seen by neutron diffraction and $\text{Mn}^{15}$ . Physical Review B, 2019, 99, .	3.4	14
141	Magnetic anisotropy and spin-polarized two-dimensional electron gas in the van der Waals ferromagnet $\text{Cr}_2$ . Physical Review B, 2019, 99, .	3.4	73
142	Magnetic interactions and spin dynamics in the bond-disordered pyrochlore fluoride $\text{NaCaCo}_2\text{F}_7$ . Physical Review B, 2019, 99, .	3.4	7
143	Spin-polaron ladder spectrum of the spin-orbit-induced Mott insulator $\text{Sr}_2\text{IrO}_4$ probed by scanning tunneling spectroscopy. Physical Review B, 2019, 99, .	3.4	3
144	Magnetization reversal and local switching fields of ferromagnetic Co/Pd microtubes with radial magnetization. Physical Review B, 2019, 99, .	3.4	6

#	ARTICLE	IF	PR CITATIONS
145	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator $\text{MnBi}_2\text{Te}_4$ . Chemistry of Materials, 2019, 31, 2795-2806.	6.7	257
146	Hohe Blocktemperatur der Magnetisierung und herausragende Koerzitivfeldstärke im Azafulleren $\text{Tb}_2\text{@C}_{79}$ . Nematik und Flüssigkristalle, 2019, 46, 11-14. <a href="http://www.w3.org/1998/Math/Chem">http://www.w3.org/1998/Math/Chem</a> , 2019, 131, 5951-5956.	1.4	12
147	Nematicity in the Electron-Doped $\text{LaFeAsO}_{1-x}\text{F}_x$ and $\text{CoFeAsO}_{1-x}\text{F}_x$ . Journal of Magnetism and Magnetic Materials, 2019, 482, 50-53.	2.1	5
148	Air-stable redox-active nanomagnets with lanthanide spins radical-bridged by a metal-metal bond. Nature Communications, 2019, 10, .	13.9	146
149	High Blocking Temperature of Magnetization and Giant Coercivity in the Azafullerene $\text{Tb}_2\text{@C}_{79}\text{N}$ with a Single-Electron Terbium-Terbium Bond. Angewandte Chemie - International Edition, 2019, 58, 5891-5896.	14.4	98
150	The Dresden in-situ (S)TEM special with a continuous-flow liquid-helium cryostat. Ultramicroscopy, 2019, 203, 12-20.	2.1	5
151	Strong spin resonance mode associated with suppression of soft magnetic ordering in hole-doped $\text{Ba}_{1-x}\text{Na}_x\text{Fe}_2\text{As}_2$ . Npj Quantum Materials, 2019, 4, .	6.0	10
152	Possible experimental realization of a basic $Z_2$ topological semimetal in GaGeTe. APL Materials, 2019, 7, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.6	18
153	Topological Electronic Structure and Intrinsic Magnetization in $\text{MnBi}_4$ . Physical Review B, 2019, 100, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	11.7	116
154	An unusual donor-acceptor system $\text{Mn}^{\text{II}}\text{Pc-TCNQ/F}_4\text{-TCNQ}$ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. Dalton Transactions, 2019, 48, 17252-17257.	3.0	3
155	Coherent spin dynamics of solitons in the organic spin chain compounds $\text{Mn}^{\text{II}}\text{Pc-TCNQ/F}_4\text{-TCNQ}$ . Physical Review B, 2019, 100, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.4	37
156	Investigation of the surface properties of different highly aligned N-MWCNT carpets. Carbon, 2019, 141, 99-106.	10.7	12
157	Growth of $\text{LiCoO}_2$ Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	3.4	14
158	Direct study of structural phase transformation in single crystalline bulk and thin film $\text{BaFe}_2\text{As}_2$ . Micron, 2019, 119, 1-7.	2.3	2
159	Laser-diode-heated floating-zone crystal growth of $\text{ErVO}_3$ . Journal of Crystal Growth, 2019, 507, 406-412.	1.9	7
160	Absence of Dirac fermions in layered $\text{BaZnBi}_2$ . Physical Review Materials, 2019, 3, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.7	6
161	Observation of heavy spin-orbit excitons propagating in a nonmagnetic background: The case of $\text{BaZnBi}_2$ . Physical Review B, 2018, 97, . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	3.4	37
162	Giant exchange coupling and field-induced slow relaxation of magnetization in $\text{Gd}_2\text{@C}_{79}\text{N}$ with a single-electron Gd-Gd bond. Chemical Communications, 2018, 54, 2902-2905.	3.4	50

#	ARTICLE	IF	PR CITATIONS
163	Impact of concomitant Y and Mn substitution on superconductivity in $\text{La}_{1-x}\text{Y}_x\text{FeAsO}$ . Physical Review B, 2018, 97, .	3.4	30
164	Investigation of indirect excitons in bulk $2\text{H-MoS}_2$ using transmission electron energy-loss spectroscopy. Journal of Physics Condensed Matter, 2018, 30, 205502.	2.3	8
165	Magnetization relaxation in the single-ion magnet $\text{DySc}_2\text{N}_8$ : quantum tunneling, magnetic dilution, and unconventional temperature dependence. Physical Chemistry Chemical Physics, 2018, 20, 11656-11672.	2.7	59
166	Morphology of MWCNT in dependence on N-doping, synthesized using a sublimation-based CVD method at $750^\circ\text{C}$ . Diamond and Related Materials, 2018, 86, 8-14.	4.8	12
167	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.	2.8	11
168	Possible origin of linear magnetoresistance: Observation of Dirac surface states in layered $\text{PtBi}_2$ . Physical Review B, 2018, 97, .	3.4	30
169	Magneto-structural correlations in oxalate-bridged $\text{SrCr}$ coordination polymers: structure, magnetization, X-band, and high-field ESR studies. Dalton Transactions, 2018, 47, 3992-4000.	3.0	12
170	Suppression of scattering in quantum confined 2D helical Dirac systems. Physical Review B, 2018, 97, .	3.4	14
171	Carbon nanotube-assisted synthesis of ferromagnetic Heusler nanoparticles of $\text{Fe}_3\text{Ga}$ (Nano-Galfenol). Journal of Materials Chemistry C, 2018, 6, 1255-1263.	5.1	7
172	Three-dimensional electronic structure of the nematic and antiferromagnetic phases of $\text{NaFeAs}$ from detwinned angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	3.4	22
173	Inhomogeneities and superconductivity in poly-phase $\text{Fe-Se-Te}$ systems. Physica B: Condensed Matter, 2018, 531, 102-109.	2.8	16
174	Electrochemical generation and observation by magnetic resonance of superparamagnetic cobalt nanoparticles. Electrochimica Acta, 2018, 260, 324-329.	5.3	15
175	Direct observation of the lowest indirect exciton state in the bulk of hexagonal boron nitride. Physical Review B, 2018, 97, .	3.4	44
176	Three-dimensional superconducting gap in $\text{FeSe}$ from angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	3.4	50
177	Unusual Phonon Heat Transport in $\text{RuCl}_3$ : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. Physical Review Letters, 2018, 120, .	8.2	180
178	Resistance-heating of carbon nanotube yarns in different atmospheres. Carbon, 2018, 133, 232-238.	10.7	13
179	Solid state single crystal growth of three-dimensional faceted $\text{LaFeAsO}$ crystals. Journal of Crystal Growth, 2018, 483, 9-15.	1.9	21
180	Suppression of the magnetic order in $\text{CeFeAsO}$ : Nonequivalence of hydrostatic and in-plane chemical pressure. Physical Review B, 2018, 98, .	3.4	4

#	ARTICLE	IF	PR CITATIONS
181	Signatures of low-energy fractionalized excitations in $\text{LaFeAsO}$ single crystals under pressure. Physical Review B, 2018, 98, .	3.4	48
182	Microscopic phase diagram of $\text{LaFeAsO}$ single crystals under pressure. Physical Review B, 2018, 98, .	3.4	3
183	Anomalous Nernst effect and field-induced Lifshitz transition in the Weyl semimetals TaP and TaAs. Physical Review B, 2018, 98, .	3.4	65
184	Influence of different hydrocarbons on the height of MWCNT carpets: Role of catalyst and hybridization state of the carbon precursor. Diamond and Related Materials, 2018, 90, 18-25.	4.8	2
185	Cryogenic TEM Studies of Bloch and Neel Skyrmion Textures in Lacunar Spinels and Cubic Helimagnets. Microscopy and Microanalysis, 2018, 24, 946-947.	0.4	1
186	Mapping of the energetically lowest exciton in bulk $\text{La}_2\text{BiIrO}_6$ . Physical Review B, 2018, 98, .	3.4	1
187	Static and dynamic magnetism of the Ir-based double perovskites $\text{La}_2\text{BiIrO}_6$ and $\text{La}_2\text{BiIrO}_6$ (Zn) probed by $\mu\text{SR}$ .	3.4	1
188	Single-crystalline FeCo nanoparticle-filled carbon nanotubes: synthesis, structural characterization and magnetic properties. Beilstein Journal of Nanotechnology, 2018, 9, 1024-1034.	2.5	17
189	Chemical vapor growth and delamination of $\text{RuCl}_3$ nanosheets down to the monolayer limit. Nanoscale, 2018, 10, 19014-19022.	5.0	38
190	Spectroscopic evidence of topological phase transition in the three-dimensional Dirac semimetal $\text{Cd}_3\text{As}_2$ . Physical Review B, 2018, 98, .	3.4	1
191	Synthesis, Characterization, and Electrochemistry of Layered Chalcogenides $\text{LiCu}_2\text{Ch}$ ( $\text{Ch} = \text{S, Se, Te}$ ). Physical Review B, 2018, 98, .	4.6	3
192	Induction Mapping of the 3D-Modulated Spin Texture of Skyrmions in Thin Helimagnets. Physical Review Letters, 2018, 120, .	8.2	31
193	Magnetic hysteresis in self-assembled monolayers of Dy-fullerene single molecule magnets on gold. Nanoscale, 2018, 10, 11287-11292.	5.0	37
194	Nematicity and magnetism in $\text{LaFeAsO}$ single crystals probed by $^{75}\text{As}$ nuclear magnetic resonance. Physical Review B, 2018, 97, .	3.4	11
195	Tuning the interplay between nematicity and spin fluctuations in $\text{Na}_x\text{Li}_{1-x}\text{FeAs}$ superconductors. Nature Communications, 2018, 9, .	13.9	8
196	Electron Transfer and Unusual Chemical Transformations of $\text{F}_4\text{TCNQ}$ in a Reaction with $\text{Mn}^{\text{II}}$ -Phthalocyanine. European Journal of Inorganic Chemistry, 2018, 2018, 3344-3353.	1.8	10
197	Isolation of proximity-induced triplet pairing channel in a superconductor/ferromagnet spin valve. EPJ Web of Conferences, 2018, 185, 08001.	0.3	0
198	Electrostatic Interaction across a Single-Layer Carbon Shell. Journal of Physical Chemistry Letters, 2018, 9, 3586-3590.	4.2	6

#	ARTICLE	IF	PR CITATIONS
199	Fe <sub>1-x</sub> Ni <sub>x</sub> Alloy Nanoparticles Encapsulated Inside Carbon Nanotubes: Controlled Synthesis, Structure and Magnetic Properties. <i>Nanomaterials</i> , 2018, 8, 576.	4.0	8
200	Carbide clusterfullerene Dy <sub>2</sub> TiC <sub>80</sub> featuring three different metals in the endohedral cluster and its single-ion magnetism. <i>Chemical Communications</i> , 2018, 54, 10683-10686.	3.4	33
201	Three-Dimensional Composition and Electric Potential Mapping of III-V Core Multishell Nanowires by Correlative STEM and Holographic Tomography. <i>Nano Letters</i> , 2018, 18, 4777-4784.	8.7	32
202	Surface superconductivity in the Weyl semimetal MoTe <sub>2</sub> detected by point contact spectroscopy. <i>2D Materials</i> , 2018, 5, 045014.	4.2	33
203	Quasi-periodic magnetization reversal of ferromagnetic nanoparticles induced by torsional oscillations in static magnetic fields. <i>Nanotechnology</i> , 2018, 29, 405503.	2.7	0
204	Theory and application of a novel co-resonant cantilever sensor. <i>TM Technisches Messen</i> , 2018, 85, 410-419.	0.5	5
205	Rolled-Up Self-Assembly of Compact Magnetic Inductors, Transformers, and Resonators. <i>Advanced Electronic Materials</i> , 2018, 4, .	4.9	33
206	Towards Induction Mapping of the 3D Spin Texture of Skyrmions. <i>Microscopy and Microanalysis</i> , 2018, 24, 930-931.	0.4	1
207	Crystal growth of off-stoichiometric $\text{Co}_2\text{Mn}_2$ . <i>Unraveling the Nature of Magnetism of the</i> 108.	1.9	3
208	Double Perovskite $\text{Ba}_2\text{Mn}_2\text{O}_4$ . <i>Detuning the Honeycomb of</i>	8.2	44
209	Pressure-dependent optical studies reveal broken symmetry. <i>Physical Review B</i> , 2018, 97, .	3.4	47
210	Pressure-induced dimerization and valence bond crystal formation in the Kitaev-Heisenberg magnet $\text{Ba}_2\text{Mn}_2\text{O}_4$ . <i>Physical Review B</i> , 2018, 97, .	3.4	95
211	Thickness dependent electronic structure of exfoliated mono- and few-layer $\text{TiO}_2$ . <i>Physical Review Materials</i> , 2018, 2, .	0.7	18
212	Spin-singlet formation in the spin-tetramer layered organic-inorganic hybrid $\text{CH}_3\text{NH}_3\text{Cu}_2\text{Cl}_5$ . <i>Physical Review Materials</i> , 2018, 2, .	2.7	0
213	A calorimetric investigation of $\text{RbFe}_2\text{As}_2$ single crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, .	1.5	12
214	Magnetic structure of $\text{LaO}_{19}$ . <i>Physical Review B</i> , 2017, 95, .	8.4	11
215	Particular electronic properties of F16CoPc: A decent electron acceptor material. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 215, 1-7.	1.4	14
216	$c$ -axis transport of pnictide superconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, .	1.5	5

#	ARTICLE	IF	PR CITATIONS
217	3D oxalate-based coordination polymers: Relationship between structure, magnetism and color, studied by high-field ESR spectroscopy. Polyhedron, 2017, 126, 120-126.	2.4	7
218	Unscreened plasmon dispersion of 2H transition metal dichalcogenides. Physical Review B, 2017, 95, .	3.4	5
219	Ni <sup>II</sup> formate complexes with bi- and tridentate nitrogen-donor ligands: synthesis, characterization, and magnetic and thermal properties. Dalton Transactions, 2017, 46, 3963-3979.	3.0	10
220	Chemical vapor transport and characterization of MnBi <sub>2</sub> Se <sub>4</sub> . Journal of Crystal Growth, 2017, 459, 81-86.	1.9	22
221	Record-high thermal barrier of the relaxation of magnetization in the nitride clusterfullerene Dy <sub>2</sub> ScN@C <sub>80</sub> -I <sub>h</sub> . Chemical Communications, 2017, 53, 7901-7904.	3.4	107
222	Semiconductor-to-metal transition in the bulk of WSe <sub>2</sub> upon potassium intercalation. Journal of Physics Condensed Matter, 2017, 29, 165502.	2.3	7
223	Weakly-coupled quasi-1D helical modes in disordered 3D topological insulator quantum wires. Scientific Reports, 2017, 7, .	3.5	32
224	Iridium double perovskite <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:mrow > < mml:msub > < mml:mi > Sr < /mml:mi > < mml:mn > 2 < /mml:mn < /mml:msub > < mml:mi > Ir < /mml:mi < mml:mn > 2 < /mml:mn < /mml:mi > : A combined structural and specific heat study. Physical Review B, 2017, 95, .	3.4	55
225	Superconductivity in Ni-Doped Ba <sup>Fe</sup> As Thin Films Prepared From Single-Crystal Targets Using PLD. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.5	12
226	Surface functionalization of WSe <sub>2</sub> by F <sub>16</sub> CoPc. Physica Status Solidi (B): Basic Research, 2017, 254, .	1.5	3
227	Spin reorientation transition in Na <sup>doped</sup> BaFe <sub>2</sub> As <sub>2</sub> studied by single-crystal neutron diffraction. Physica Status Solidi (B): Basic Research, 2017, 254, .	1.5	1
228	Site-selective spectroscopy with depth resolution using resonant x-ray reflectometry. Scientific Reports, 2017, 7, .	3.5	15
229	Diluted paramagnetic impurities in nonmagnetic <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:msub > < mml:mi > Ba < /mml:mi < mml:mn > 2 < /mml:mn < /mml:msub > < mml:msub > < mml:mi > YrO < /mml:mi < mml:mn > 6 < /mml:mn < /mml:msub > : Neutron diffraction study of the inverse spinels	3.4	25
230	<math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:mrow > < mml:msub > < mml:mi > Co < /mml:mi < mml:mn > 2 < /mml:mn < /mml:msub > < mml:mi > and < /mml:mi < mml:mn > 3 < /mml:mn < /mml:mi >	3.4	38
231	Unusual two-dimensional behavior of iron-based superconductors with low anisotropy. Physical Review B, 2017, 96, . Low-energy spin dynamics and critical hole concentrations in La <sup>2-x</sup> Sr <sub>x</sub> CuO <sub>4</sub>	3.4	14
232	(0.07x0.2) revealed by La <sub>139</sub>	3.4	8
233	Dynamics of linarite: Observations of magnetic excitations. Physical Review B, 2017, 95, .	3.4	23
234	Compositional analysis of multi-element magnetic nanoparticles with a combined NMR and TEM approach. Journal of Nanoparticle Research, 2017, 19, .	2.4	4

#	ARTICLE	IF	PR CITATIONS
235	Anomalous temperature evolution of the electronic structure of FeSe. Physical Review B, 2017, 96, .	3.4	36
236	Effect of different in-chain impurities on the magnetic properties of the spin chain compound $\text{SrCuO}_2$ probed by NMR. Physical Review B, 2017, 96, .	3.4	10
237	Magnetic properties of individual $\text{Co}_2\text{FeGa}$ Heusler nanoparticles studied at room temperature by a highly sensitive co-resonant cantilever sensor. Scientific Reports, 2017, 7, .	3.5	16
238	Experimental evidence for importance of Hund's exchange interaction for incoherence of charge carriers in iron-based superconductors. Physical Review B, 2017, 95, .	3.4	16
239	Evidence for a field-induced Quantum Spin Liquid in $\text{SrCuO}_2$ . Physical Review B, 2017, 96, .	8.2	339
240	Polarization driven conductance variations at charged ferroelectric domain walls. Nanoscale, 2017, 9, 10933-10939.	5.0	16
241	Anisotropic magnetic interactions and spin dynamics in the spin-chain compound $\text{Cu}(\text{py})_2\text{Br}_2$ : An experimental and theoretical study. Physical Review B, 2017, 96, .	3.4	5
242	Proximity effect between a superconductor and a partially spin-polarized ferromagnet: Case study of the $\text{Cu}(\text{py})_2\text{Br}_2$ system. Physical Review B, 2017, 96, .	3.4	10
243	Signatures of a magnetic field-induced unconventional nematic liquid in the frustrated and anisotropic spin-chain cuprate $\text{LiCuSbO}_4$ . Scientific Reports, 2017, 7, .	3.5	34
244	Magnetic resonance spectroscopy on the spin-frustrated magnets $\text{YBaCo}_3\text{O}_{7-x}$ and $\text{CaBa}(\text{Mn}_{2-x}\text{Fe}_x)\text{O}_{7-x}$ . Physical Review B, 2017, 96, .	3.4	10
245	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.	2.7	52
246	High-energy electronic interaction in the band of high-temperature iron-based superconductors. Physical Review B, 2017, 96, .	3.4	10
247	$\text{CaBa}(\text{Mn}_{2-x}\text{Fe}_x)\text{O}_{7-x}$ with Spin Ordering on a Geometrically Frustrated, Polar, Non-centrosymmetric $S = 5/2$ Lattice. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1543-1550.	0.9	2
248	Switching Molecular Conformation with the Torque on a Single Magnetic Moment. Physical Review Letters, 2017, 119, .	8.2	17
249	Observation of a remarkable reduction of correlation effects in $\text{BaCu}_2\text{As}_2$ by ARPES. Proceedings of the National Academy of Sciences of the United States of America, 2017, .	7.6	14
250	Field-induced quantum criticality in the Kitaev system $\text{Sr}_2\text{VO}_4$ . Physical Review B, 2017, 96, .	3.4	180
251	Single molecule magnet with an unpaired electron trapped between two lanthanide ions inside a fullerene. Nature Communications, 2017, 8, .	13.9	241
252	Spin pseudogap in the $\text{SrCuO}_2$ chain material. Physical Review B, 2017, 96, .	3.4	10

#	ARTICLE	IF	PR CITATIONS
253	Experimental realization of type-II Weyl state in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>TaIrTe</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:math> Physical Review B, 2017, 95, .	3.4	115
254	Magnetic Resonance Study of the Spin-1/2 Quantum Magnet BaAg <sub>2</sub> Cu[VO <sub>4</sub> ] <sub>2</sub> . Zeitschrift Fur Physikalische Chemie, 2017, 231, 759-775.	2.7	3
255	Adsorption characteristics of Er <sub>3</sub> N@C <sub>80</sub> on W(110) and Au(111) studied via scanning tunneling microscopy and spectroscopy. Beilstein Journal of Nanotechnology, 2017, 8, 1127-1134.	2.5	5
256	The interplay between spin densities and magnetic superexchange interactions: case studies of mono- and trinuclear bis(oxamato)-type complexes. Beilstein Journal of Nanotechnology, 2017, 8, 2245-2256.	2.5	4
257	Charge transfer from and to manganese phthalocyanine: bulk materials and interfaces. Beilstein Journal of Nanotechnology, 2017, 8, 1601-1615.	2.5	12
258	Probing the magnetic superexchange couplings between terminal Cu <sup>II</sup> ions in heterotrinnuclear bis(oxamidato) type complexes. Beilstein Journal of Nanotechnology, 2017, 8, 789-800.	2.5	5
259	Energy-level alignment at interfaces between manganese phthalocyanine and C <sub>60</sub> . Beilstein Journal of Nanotechnology, 2017, 8, 927-932.	2.5	5
260	Tuning the spin coherence time of Cu(II)â <sup>~</sup> (bis)oxamato and Cu(II)â <sup>~</sup> (bis)oxamidato complexes by advanced ESR pulse protocols. Beilstein Journal of Nanotechnology, 2017, 8, 943-955.	2.5	8
261	Nearest-neighbor Kitaev exchange blocked by charge order in electron-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â</mml:mo></mml:mrow></mml:math> Physical Review Materials, 2017, 1, .	2.7	25
262	Signal enhancement in cantilever magnetometry based on a co-resonantly coupled sensor. Beilstein Journal of Nanotechnology, 2016, 7, 1033-1043.	2.5	9
263	A Variable-Temperature Continuous-Flow Liquid-Helium Cryostat Inside a (Scanning) Transmission Electron Microscope. Microscopy and Microanalysis, 2016, 22, 776-777.	0.4	0
264	Electronic properties of the charge transfer material MnPc/F4TCNQ. Journal of Chemical Physics, 2016, 145, 114702.	2.8	11
265	Combined resistivity and Hall effect study on NaFe <sub>1-x</sub> Rh <sub>x</sub> As single crystals. Physical Review B, 2016, 94, .	3.4	4
266	Nesting-driven multipolar order in CeB <sub>6</sub> from photoemission tomography. Nature Communications, 2016, 7, .	13.9	44
267	Nongeneric dispersion of excitons in the bulk of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>WSe</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math> Physical Review B, 2016, 94, .	3.4	18
268	Two distinct superconducting phases in LiFeAs. Scientific Reports, 2016, 6, .	3.5	18
269	Spin-orbit coupling control of anisotropy, ground state and frustration in 5d <sub>2</sub> Sr <sub>2</sub> MgOsO <sub>6</sub> . Scientific Reports, 2016, 6, .	3.5	30
270	Effect of substrate material on the growth and field emission characteristics of large-area carbon nanotube forests. Journal of Applied Physics, 2016, 119, .	2.1	14

#	ARTICLE	IF	PR CITATIONS
271	STM Study of Au(111) Surface-Grafted Paramagnetic Macrocyclic Complexes [Ni <sub>2</sub> L(Hmba)] <sup>+</sup> via Ambidentate Coligands. Langmuir, 2016, 32, 4464-4471.	3.6	10
272	Physical properties optimization of polycrystalline LiFeAs. Physica C: Superconductivity and Its Applications, 2016, 529, 8-20.	0.9	2
273	Enhanced Mobility of Spin-Helical Dirac Fermions in Disordered 3D Topological Insulators. Nano Letters, 2016, 16, 6733-6737.	8.7	25
274	Spin dynamics and magnetic interactions of Mn dopants in the topological insulator Bi <sub>2</sub> Te <sub>3</sub> . Physical Review B, 2016, 94, .	3.4	27
275	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1'-ferrocenediyl-bis(H-phosphinate)). Crystal Growth and Design, 2016, 16, 5084-5090.	3.4	37
276	Tuning the magnetocrystalline anisotropy in RCoPO by means of R substitution: A ferromagnetic resonance study. Physical Review B, 2016, 94, .	3.4	1
277	Doping dependent plasmon dispersion in 2D Hg <sub>8</sub> metal dichalcogenides. Physical Review B, 2016, 94, .		
278	Control of coexisting magnetic phases by electric fields in NdFe <sub>3</sub> . Physical Review B, 2016, 94, .		
279	Competing effects of Mn and Y doping on the low-energy excitations and phase diagram of La <sub>1-x</sub> Y <sub>y</sub> Fe <sub>1-x</sub> Mn <sub>x</sub> AsO <sub>0.89</sub> F <sub>0.11</sub> iron-based superconductors. Physical Review B, 2016, 94, .	3.4	8
280	Description of the Honeycomb Mott Insulator J <sub>1</sub> eff. Physical Review Letters, 2016, 117, .	8.2	97
281	A cubic double perovskite material with Ba <sub>2</sub> Ir <sub>5</sub> . Physical Review B, 2016, 93, .	3.4	100
282	Influence of hydrostatic pressure on the bulk magnetic properties of Eu <sub>2</sub> O <sub>7</sub> . Physical Review B, 2016, 93, .	3.4	16
283	Acoustic signatures of the phases and phase transitions in Yb <sub>2</sub> O <sub>7</sub> . Physical Review B, 2016, 93, .	3.4	20
284	Nematicity and in-plane anisotropy of superconductivity in FeSe <sub>1-x</sub> by Se <sub>77</sub> nuclear magnetic resonance. Physical Review B, 2016, 93, .	3.4	27
285	TaIrTe <sub>4</sub> : A ternary type-II Weyl semimetal. Physical Review B, 2016, 93, .	3.4	218
286	Unusual magnetotransport properties in a FeAs single crystal. Physical Review B, 2016, 93, .	3.4	4
287	Effect of impurity substitution on band structure and mass renormalization of the correlated FeTe <sub>0.5</sub> Se <sub>0.5</sub> superconductor. Physical Review B, 2016, 93, .	3.4	8
288	Magnetic ordering in the ultrapure site-diluted spin chain materials SrCu <sub>1-x</sub> Ni <sub>x</sub> O <sub>2</sub> . Physical Review B, 2016, 93, .	3.4	7

#	ARTICLE	IF	PR CITATIONS
289	Complex Field-Induced States in Linarite $\text{PbCuSO}_4\text{OH}$ . <i>Physical Review Letters</i> , 2016, 116, .	10.784314	10
290	Isolation of proximity-induced triplet pairing channel in a superconductor/ferromagnet spin valve. <i>Physical Review B</i> , 2016, 93, .	3.4	38
291	Effect of nematic ordering on electronic structure of FeSe. <i>Scientific Reports</i> , 2016, 6, .	3.5	83
292	Stripe order of $\text{LaCuO}_2$ in magnetic fields studied by resonant soft x-ray scattering. <i>Physical Review B</i> , 2016, 94, .	3.4	3
293	Noncollinear antiferromagnetism of coupled spins and pseudospins in the double perovskite $\text{LaCu}_2\text{O}_6$ . <i>Physical Review B</i> , 2016, 94, .	3.4	42
294	Magnetotransport and de Haas-van Alphen measurements in the type-II Weyl semimetal $\text{TaIrTe}_5$ . <i>Physical Review B</i> , 2016, 94, .	3.4	57
295	Unusual Dirac Fermions on the Surface of a Noncentrosymmetric $\text{BiPd}$ Superconductor. <i>Physical Review Letters</i> , 2016, 117, .	8.2	23
296	Dilatometric study of the metamagnetic and ferromagnetic phases in the triple-layered $\text{Sr}_2\text{CuO}_7$ system. <i>Physical Review B</i> , 2016, 94, .	3.4	13
297	Weak-coupling superconductivity in a strongly correlated iron pnictide. <i>Scientific Reports</i> , 2016, 6, .	3.5	12
298	Boosting the superconducting spin valve effect in a metallic superconductor/ferromagnet heterostructure. <i>Nano Research</i> , 2016, 9, 1005-1011.	8.6	36
299	Tuneable magnetic properties of carbon-shielded NiPt-nanoalloys. <i>RSC Advances</i> , 2016, 6, 52427-52433.	4.4	11
300	Spin Dynamics and Ground State of the Frustrated Diamond Lattice Magnet $\text{CoAl}_2\text{O}_4$ as seen by $^{27}\text{Al}$ NMR. <i>Applied Magnetic Resonance</i> , 2016, 47, 727-735.	0.9	0
301	Fragmentation characteristics of undoped and nitrogen-doped multiwalled carbon nanotubes in aqueous dispersion in dependence on the ultrasonication parameters. <i>Diamond and Related Materials</i> , 2016, 66, 126-134.	4.8	31
302	Single crystal growth of spin-ladder compound $\text{La}_8\text{Cu}_7\text{O}_{19}$ by the travelling-solvent floating zone method. <i>Journal of Crystal Growth</i> , 2016, 448, 21-28.	1.9	2
303	Tailored nanoparticles and wires of Sn, Ge and Pb inside carbon nanotubes. <i>Carbon</i> , 2016, 101, 352-360.	10.7	12
304	$\text{Cu}^{\text{II}}$ bis(oxamato) end-grafted poly(amidoamine) dendrimers. <i>Dalton Transactions</i> , 2016, 45, 7960-7979.	3.0	10
305	Employing electro-mechanical analogies for co-resonantly coupled cantilever sensors. <i>Journal of Sensors and Sensor Systems</i> , 2016, 5, 245-259.	0.7	8
306	Methan als Selektivitätsverstärker in der Lichtbogensynthese von endohedralen Fullerenen: selektive Synthese des Einzelmolekülmagneten $\text{Dy}_2\text{TiC}@C_{80}$ und dessen Kongener $\text{Dy}_2\text{TiC}@C_{80}$ . <i>Angewandte Chemie</i> , 2015, 127, 13609-13613.	1.4	9

#	ARTICLE	IF	PR CITATIONS
307	Methane as a Selectivity Booster in the Arc-Discharge Synthesis of Endohedral Fullerenes: Selective Synthesis of the Single-Molecule Magnet $\text{Dy}_2\text{TiC}_2$ and Its Congener $\text{Dy}_2\text{TiC}_2@C_{80}$ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13411-13415.	14.4	85
308	Low-Noise $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ for Performing Magnetization-Reversal Measurements on Magnetic N. <i>Physical Review Applied</i> , 2015, 3, .		
309	Local magnetism and structural properties of Heusler $\text{NiMn}_2\text{MnGa}$ alloys. <i>Physical Review B</i> , 2015, 91, .	3.4	22
310	Crystal growth and electronic phase diagram of $\text{Na}_4\text{Mn}_4\text{O}_{13}$ . <i>Physical Review B</i> , 2015, 91, .	3.4	20
311	Superconducting spin-valve effect and triplet superconductivity in $\text{CoOFe}$ . <i>Physical Review B</i> , 2015, 91, .	3.4	49
312	Investigation of the dispersion and the effective masses of excitons in bulk transition electron energy-loss spectroscopy. <i>Physical Review B</i> , 2015, 91, .		
313	Enhancement of low-frequency fluctuations and superconductivity breakdown in Mn-doped $\text{LaYFeAsO}$ . <i>Physical Review B</i> , 2015, 92, .	3.4	11
314	Efficient gating of epitaxial boron nitride monolayers by substrate functionalization. <i>Physical Review B</i> , 2015, 92, .	3.4	19
315	Common effect of chemical and external pressures on the magnetic properties of $\text{RCoPO}_4$ (R=La,Pr,Nd,Sm). II.. <i>Physical Review B</i> , 2015, 92, .	3.4	5
316	Imaging interfaces defined by abruptly varying internal magnetic fields by means of scanned nanoscale spin wave modes. <i>Physical Review B</i> , 2015, 92, .	3.4	8
317	Mutual independence of Critical Temperature and Superfluid Density under Pressure in Optimally Electron-Doped Superconducting $\text{LaFeAsO}_x$ . <i>Physical Review Letters</i> , 2015, 114, .	3.4	11
318	Coexistence of superconductivity and magnetism in $\text{Ca}_x\text{Fe}_2\text{P}_2\text{O}_{10}$ . Universal suppression of the magnetic order parameter in 122 iron pnictides. <i>Physical Review B</i> , 2015, 92, .	3.4	24
319	Magnetic field induced anisotropy of $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ spin-lattice relaxation rates in stripe ordered. <i>Physical Review B</i> , 2015, 92, .	3.4	14
320	Universal electronic structure of polar oxide hetero-interfaces. <i>Scientific Reports</i> , 2015, 5, .	3.5	22
321	High-temperature superconductivity from fine-tuning of Fermi-surface singularities in iron oxypnictides. <i>Scientific Reports</i> , 2015, 5, .	3.5	32
322	Interaction-induced singular Fermi surface in a high-temperature oxypnictide superconductor. <i>Scientific Reports</i> , 2015, 5, .	3.5	43
323	Non-Fermi-liquid scattering rates and anomalous band dispersion in ferropnictides. <i>Physical Review B</i> , 2015, 92, .	3.4	25
324	Magnetic and electrode properties, structure and phase relations of the layered triangular-lattice tellurate $\text{Li}_4\text{NiTeO}_6$ . <i>Journal of Solid State Chemistry</i> , 2015, 225, 89-96.	3.3	24

#	ARTICLE	IF	PR CITATIONS
325	A flexible multi-stimuli in situ (S)TEM: Concept, optical performance, and outlook. Ultramicroscopy, 2015, 151, 31-36.	2.1	10
326	Magnetic Anisotropy of Cr(III) Ions in Polymeric Oxalate Complexes as Revealed by HF-ESR Spectroscopy. Applied Magnetic Resonance, 2015, 46, 309-321.	0.9	12
327	Granular behavior observed in the polycrystalline superconducting LiFeAs. Superconductor Science and Technology, 2015, 28, 025006.	4.1	9
328	Surface Aligned Magnetic Moments and Hysteresis of an Endohedral Single-Molecule Magnet on a Metal. Physical Review Letters, 2015, 114, .	8.2	69
329	Crucial Role of Site Disorder and Frustration in Unusual Magnetic Properties of Quasi-2D Triangular Lattice Antimonate Na <sub>4</sub> FeSbO <sub>6</sub> . Applied Magnetic Resonance, 2015, 46, 1121-1145.	0.9	12
330	Orbital Control of Effective Dimensionality: From Spin-Orbital Fractionalization to Confinement in the Anisotropic Ladder System $\text{CaCu}_2\text{O}_3$ . Physical Review Letters, 2015, 114, .	8.2	37
331	Orbital reconstruction in nonpolar tetravalent transition-metal oxide layers. Nature Communications, 2015, 6, .	13.9	65
332	Anisotropic Particle-Hole Excitations in Black Phosphorus. Physical Review Letters, 2015, 115, .	8.2	84
333	Bidirectional quantitative force gradient microscopy. New Journal of Physics, 2015, 17, 013014.	2.9	18
334	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.	3.0	8
335	Ground state and low-energy magnetic dynamics in the frustrated magnet $\text{CoAl}_2\text{O}_4$ revealed by local spin probes. Physical Review B, 2015, 91, .	3.4	16
336	Flux growth and characterization of SrNiWO <sub>6</sub> single crystals. Journal of Crystal Growth, 2015, 421, 39-44.	1.9	15
337	Magnetic superexchange interactions: trinuclear bis(oxamidato) versus bis(oxamato) type complexes. Dalton Transactions, 2015, 44, 8062-8079.	3.0	17
338	Effect of external pressure on the magnetic properties of R CoAsO ( R =La, Pr, Sm): a $^{57}\text{Fe}$ SR study. Journal of Physics and Chemistry of Solids, 2015, 84, 63-69.	4.7	1
339	Structural inhomogeneities in $\text{FeTe}_{0.6}\text{Se}_{0.4}$ Relation to superconductivity. Journal of Crystal Growth, 2015, 432, 95-104.	1.9	16
340	An electron energy-loss study of picene and chrysene based charge transfer salts. Journal of Chemical Physics, 2015, 142, .	2.8	4
341	Spin reorientation in $\text{BaCo}_2\text{O}_{7-x}$ by single-crystal neutron diffraction. Physical Review B, 2015, 91, .	3.4	8
342	Nuclear magnetic resonance study of thin $\text{SiCo}_2\text{Heu}$ films with varying thickness. Physical Review B, 2015, 91, .	3.4	8

#	ARTICLE	IF	PR CITATIONS
343	Suppression of the impurity-induced local magnetism by the opening of a spin pseudogap in Ni-doped $\text{Sr}_2\text{CuO}_3$ . Physical Review B, 2015, 92, .	3.4	7
344	Introduction of a co-resonant detection concept for mechanical oscillation-based sensors. Nanotechnology, 2015, 26, 335501.	2.7	17
345	Band Bending Inversion in $\text{Bi}_2\text{Se}_3$ Nanostructures. Nano Letters, 2015, 15, 7503-7507.	8.7	39
346	Catalyst-free Growth of Single Crystalline $\text{Bi}_2\text{Se}_3$ Nanostructures for Quantum Transport Studies. Crystal Growth and Design, 2015, 15, 4272-4278.	3.4	20
347	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.	2.7	14
348	The superconducting spin valve and triplet superconductivity. Journal of Magnetism and Magnetic Materials, 2015, 373, 18-22.	2.8	16
349	Magnetostriction of the spin-Peierls cuprate $\text{CuGeO}_3$ . Zeitschrift für Physik B-Condensed Matter, 2014, 102, 71-82.	0.3	0
350	Superconducting spin valve and triplet superconductivity. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 1341-1347.	1.0	1
351	Magnetic and electronic structure of the frustrated spin-chain compound linarite $\text{PbCuSO}_4$ . Physical Review B, 2014, 90, .	3.4	15
352	Observation of strontium segregation in $\text{LaAlO}_3/\text{SrTiO}_3$ and $\text{NdGaO}_3/\text{SrTiO}_3$ oxide heterostructures by X-ray photoemission spectroscopy. APL Materials, 2014, 2, 012108.	3.6	12
353	Spin susceptibility in superconducting $\text{LiFeAs}$ studied by polarized neutron diffraction. Physical Review B, 2014, 89, .	3.4	6
354	Spin gap in the single spin-cuprate $\text{Sr}_2\text{Cu}_2\text{O}_7$ . Physical Review B, 2014, 89, .	3.4	16
355	Superconducting properties of $\text{Ca}_2\text{O}_2\text{Fe}_2$ . Physical Review B, 2014, 89, .	3.4	15
356	Superconducting specific-heat jump $\gamma$ of $\text{Ca}_2\text{O}_2\text{Fe}_2$ . Physical Review B, 2014, 89, .	3.4	32
357	Fine structure of the incommensurate antiferromagnetic fluctuations in single-crystalline $\text{LiFeAs}$ studied by inelastic neutron scattering. Physical Review B, 2014, 90, .	3.4	22
358	Superconducting properties of $\text{Na}_x\text{Fe}_2\text{As}_2$ . Physical Review B, 2014, 90, .	3.4	13
359	Infrared spectroscopy of the hole-doped $\text{BaFe}_2\text{As}_2$ . Physical Review B, 2014, 90, .	3.4	45
360	Surface properties of $\text{SmB}_6$ from x-ray photoelectron spectroscopy. Physical Review B, 2014, 90, .	3.4	13

#	ARTICLE	IF	PR CITATIONS
361	Spin density wave order and fluctuations in $\text{MnO}_2$ . A transport study. Physical Review B, 2014, 90, .	3.3	11
362	Bond disorder and spinon heat transport in the $S=1/2$ Heisenberg spin chain compound $\text{Sr}_2\text{CuO}_3$ : From clean to dirty limits. Physical Review B, 2014, 89, .	3.4	16
363	Amorphous ferromagnetism and re-entrant magnetic glassiness in single-crystalline $\text{Sm}_2\text{Mo}_2\text{O}_7$ . Physical Review B, 2014, 90, .	3.4	6
364	Preferential antiferromagnetic coupling of vacancies in graphene on $\text{SiO}_2$ . Electron spin resonance and scanning tunneling spectroscopy. Physical Review B, 2014, 90, .	3.4	15
365	Effect of annealing on spinodally decomposed $\text{Co}_2\text{CrAl}$ grown via floating zone technique. Journal of Crystal Growth, 2014, 401, 617-621.	1.9	5
366	A cheap and quickly adaptable in situ electrical contacting TEM sample holder design. Ultramicroscopy, 2014, 139, 1-4.	2.1	2
367	Femtosecond Dynamics of Momentum-Dependent Magnetic Excitations from Resonant Inelastic X-Ray Scattering in $\text{CaCu}_2\text{O}_8$ . Physical Review Letters, 2014, 112, .	3.2	32
368	Unusual spin fluctuations and magnetic frustration in olivine and non-olivine $\text{LiCoPO}_4$ detected by $^31\text{P}$ and $^7\text{Li}$ nuclear magnetic resonance. Physical Review B, 2014, 89, .	3.4	11
369	Superconductivity from repulsion in $\text{LiFeAs}$ : Novel $s$ -wave symmetry and potential time-reversal symmetry breaking. Physical Review B, 2014, 89, .	3.4	57
370	Low-energy magnetic excitations in the spin-orbital Mott insulator $\text{Sr}_2\text{Cu}_3\text{O}_7$ . Physical Review B, 2014, 89, .	3.4	5
371	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). Journal of Organometallic Chemistry, 2014, 750, 59-64.	2.1	36
372	Synthesis and toxicity characterization of carbon coated iron oxide nanoparticles with highly defined size distributions. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 160-169.	2.0	40
373	Liquid phase separation, solidification and phase transformations of $\text{GdTi}$ and $\text{GdTiAlCu}$ alloys. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2014, 44, 21-25.	1.6	3
374	Observation of a universal donor-dependent vibrational mode in graphene. Nature Communications, 2014, 5, .	13.9	124
375	Crystal structure of phosphonium carboxylate complexes. The role of the metal coordination geometry, ligand conformation and hydrogen bonding. CrystEngComm, 2014, 16, 9010-9024.	2.4	20
376	Quantum spin chain as a potential realization of the Nersisyan-Tsvetlik model. Physical Review B, 2014, 90, .	3.4	9
377	Growth of single crystalline delafossite $\text{LaCuO}_2$ by the travelling-solvent floating zone method. Journal of Crystal Growth, 2014, 402, 304-307.	1.9	7
378	Cluster-size dependent internal dynamics and magnetic anisotropy of Ho ions in $\text{Ho}_2\text{N}_2\text{C}_{80}$ and $\text{Ho}_2\text{MN}_2\text{C}_{80}$ families (M = Sc, Lu, Y). Nanoscale, 2014, 6, 11431-11438.	5.0	29

#	ARTICLE	IF	PR CITATIONS
379	Single 20 meV boson mode in $KFeAs_2$ detected by identical spin fluctuations in Cu- and Co-doped $BaFeAs_2$ .	3.4	5
380	Experimental Realization of a Three-Dimensional Dirac Semimetal. Physical Review Letters, 2014, 113, .	3.4	16
381	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. Crystal Growth and Design, 2014, 14, 1338-1346.	8.2	1,069
382	Specific heat of $Ca_{0.32}Fe_2As_2$ crystals: Unconventional superconductivity with $T_c \approx 26$ K. Physical Review B, 2014, 89, .	3.4	26
383	The effect of process parameters on floating zone crystal growth of selected cuprates. Journal of Crystal Growth, 2014, 401, 596-600.	1.9	8
384	Lithium dynamics in carbon-rich polymer-derived SiCN ceramics probed by nuclear magnetic resonance. Journal of Power Sources, 2014, 253, 342-348.	7.9	26
385	Unusual band renormalization in the simplest iron-based superconductor $FeSe$ . Physical Review B, 2014, 89, .	3.4	163
386	Electronic properties of $Co_2FeSi$ investigated by X-ray magnetic linear dichroism. Journal of Magnetism and Magnetic Materials, 2014, 368, 364-373.	2.8	4
387	Electron energy-loss spectroscopy: A versatile tool for the investigations of plasmonic excitations. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 85-95.	1.4	77
388	A Dedicated In-situ Off-axis Electron Holography (S)TEM: Concept and Electron-Optical Performance.. Microscopy and Microanalysis, 2014, 20, 1650-1651.	0.4	0
389	Graphene Oxide - Gelatin Nanohybrids as Functional Tools for Enhanced Carboplatin Activity in Neuroblastoma Cells. Pharmaceutical Research, 2014, 32, 2132-2143.	3.8	22
390	Quasi One Dimensional Dirac Electrons on the Surface of $Ru_2Sn_3$ . Scientific Reports, 2014, 4, .	3.5	25
391	Characterization of Doped $Na(Fe_{1-x}T_x)As$ Single Crystals with $T = Pd, Ni, Cr, \text{ and } Mn$ . Journal of Superconductivity and Novel Magnetism, 2014, 28, 1123-1127.	1.7	6
392	Orbital-driven nematicity in $FeSe$ . Nature Materials, 2014, 14, 210-214.	35.2	348
393	The Synthesis of Superparamagnetic Cobalt Nanoparticles Encapsulated in Carbon Through High-Pressure CVD. Chemical Vapor Deposition, 2013, 19, 228-234.	1.7	24
394	Pressure dependence of the charge density wave in $TaS_2$ and its relation to superconductivity. Physical Review B, 2013, 87, .	3.4	55
395	Band-dependent emergence of heavy quasiparticles in $CeCoIn_5$ . Physical Review B, 2013, 88, .	3.4	31

#	ARTICLE	IF	PR CITATIONS
397	Half-Metallic Ferromagnetism with Unexpectedly Small Spin Splitting in the Heusler Compound $\text{Co}_2\text{FeSi}$ . Physical Review Letters, 2013, 110, .	8.2	156
398	Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. Physical Review B, 2013, 88, .	3.4	50
399	Peculiarities of performance of the spin valve for the superconducting current. JETP Letters, 2013, 97, 478-482.	1.4	19
400	Chemisorption of Exchange-Coupled $[\text{Ni}_2\text{L}(\text{dppba})_2]^+$ Complexes on Gold by Using Ambidentate $\text{Co}(\text{Diphenylphosphino})\text{benzoate}$ Ligands. Chemistry - A European Journal, 2013, 19, 7787-7801.	3.4	6
401	Redox-Active Ferrocene as a Tuning Functionality for Magnetic Superexchange Interactions of Bis(oxamato) Type Complexes. Organometallics, 2013, 32, 5988-6003.	2.9	6
402	Photoemission and muon spin relaxation spectroscopy of the iron-based $\text{RbFe}_{0.77}\text{Se}$ . Physical Review B, 2013, 88, .	3.4	22
403	Boosting the electron spin coherence in binuclear Mn complexes by multiple microwave pulses. Physical Review B, 2013, 88, .	3.4	25
404	Thermodynamic properties of the anisotropic frustrated spin-chain compound $\text{PbCuSO}_4(\text{OH})_2$ . Physical Review B, 2013, 88, .	3.4	44
405	Superconducting gap in $\text{LiFeAs}$ from three-dimensional spin-fluctuation pairing calculations. Physical Review B, 2013, 88, .	3.4	53
406	Independent Ordering of Two Interpenetrating Magnetic Sublattices in the Double Perovskite $\text{Sr}_2\text{CoOsO}_6$ . Journal of the American Chemical Society, 2013, 135, 18824-18830.	15.0	104
407	Diversity of Microstructural Phenomena in Superconducting and Non-superconducting $\text{Rb}_x\text{Fe}_{2-y}\text{Se}_2$ : A Transmission Electron Microscopy Study at the Atomic Scale. Inorganic Chemistry, 2013, 52, 14419-14427.	4.6	3
408	Evidence of $d$ -wave superconductivity in $\text{KNa}_x\text{Fe}_{1-x}\text{Se}_2$ . Physical Review B, 2013, 88, .	3.4	39
409	Spatial recognition of defects and tube type in carbon nanotube field effect transistors using electrostatic force microscopy. Nanotechnology, 2013, 24, 235708.	2.7	2
410	Morphology controlled $\text{NH}_4\text{V}_3\text{O}_8$ microcrystals by hydrothermal synthesis. Dalton Transactions, 2013, 42, 4897.	3.0	54
411	A high-mobility two-dimensional electron gas at the spinel/perovskite interface of $\hat{\Gamma}^3\text{-Al}_2\text{O}_3/\text{SrTiO}_3$ . Nature Communications, 2013, 4, .	13.9	321
412	Interband Quasiparticle Scattering in Superconducting $\text{LiFeAs}$ Reconciles Photoemission and Tunneling Measurements. Physical Review Letters, 2013, 110, .	8.2	15
413	Structural study of monolayer cobalt phthalocyanine adsorbed on graphite. Surface Science, 2013, 608, 55-60.	1.7	22
414	Ultrafast quasiparticle relaxation dynamics in superconducting iron pnictide $\text{Ca}(\text{Fe}_{0.944}\text{Co}_{0.056})_2\text{As}_2$ . Solid State Communications, 2013, 160, 8-12.	2.4	5

#	ARTICLE	IF	PR CITATIONS
415	Magnetic properties of quasi-one-dimensional antiferromagnets $(Y_{1-x}Nd_x)_2BaNiO_5$ ( $x=1, 0.15$ ). Journal of Magnetism and Magnetic Materials, 2013, 331, 133-139.	2.8	21
416	The heat capacity and entropy of lithium silicides over the temperature range from (2 to 873)K. Journal of Chemical Thermodynamics, 2013, 64, 205-225.	2.3	41
417	Single crystal growth of antiferromagnetic $Mn_3Si$ by a two-phase RF floating-zone method. Journal of Crystal Growth, 2013, 363, 1-6.	1.9	5
418	Stacked topological insulator built from bismuth-based graphene sheet analogues. Nature Materials, 2013, 12, 422-425.	35.2	193
419	Electronic band structure and momentum dependence of the superconducting gap in $Ca_{1-x}Na_xFe_2As_2$ . Physical Review Letters, 2013, 110, .	3.4	34
420	Determining the Short-Range Spin Correlations in the Spin-Chain $CuGeO_3$ . Physical Review Letters, 2013, 110, .	8.2	49
421	A new layered triangular antiferromagnet $Li_4FeSbO_6$ : spin order, field-induced transitions and anomalous critical behavior. Dalton Transactions, 2013, 42, 1550-1566.	3.0	52
422	Exciton properties of selected aromatic hydrocarbon systems. European Physical Journal B, 2013, 86, .	1.6	17
423	Quasiballistic Transport of Dirac Fermions in a $Bi_2Se_3$ . Physical Review Letters, 2013, 110, .	8.2	77
424	Electronic Band Structure of Ferro-Pnictide Superconductors from ARPES Experiment. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2837-2841.	1.7	36
425	Facile Nanotube-Assisted Synthesis of Ternary Intermetallic Nanocrystals of the Ferromagnetic Heusler Phase $Co_2FeGa$ . Crystal Growth and Design, 2013, 13, 2707-2710.	3.4	25
426	Kinetic Isotope Effect in the Hydrogenation and Deuteration of Graphene. Advanced Functional Materials, 2013, 23, 1628-1635.	17.0	42
427	Improved catalytic performance of hierarchical ZSM-5 synthesized by desilication with surfactants. Microporous and Mesoporous Materials, 2013, 165, 148-157.	4.7	120
428	$^7Li$ NMR study of the ordering phenomena in the intrinsic two-component magnetoelectric material $Li_2ZrCuO_4$ . Physical Review B, 2013, 87, .	3.4	3
429	Phase Dynamics and Growth of $Co_2Cr_{1-x}Fe_xAl$ Heusler Compounds: A Key to Understand Their Anomalous Physical Properties. Crystal Growth and Design, 2013, 13, 3925-3934.	3.4	11
430	Spin Pseudogap in Ni-Doped $SrCuO_2$ . Physical Review Letters, 2013, 111, .	8.2	42
431	Confined Crystals of the Smallest Phase-Change Material. Nano Letters, 2013, 13, 4020-4027.	8.7	79
432	Gap-Dependent Quasiparticle Dynamics and Coherent Acoustic Phonons in $CaFe_2As_2$ across Spin Density Wave Phase Transition. Journal of the Physical Society of Japan, 2013, 82, 044715.	2.1	5

#	ARTICLE	IF	PR CITATIONS
433	A Systematic and Comparative Study of Binary Metal Catalysts for Carbon Nanotube Fabrication Using CVD and Laser Evaporation, Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 273-285. Why $\frac{T}{c}$ of (CaFeAs)	2.0	7
434	$10$ Pt	3.4	33
435	Electronic excitation spectrum of calcium-doped picene: Electron energy-loss spectroscopy study. Physical Review B, 2013, 88, .	3.4	0
436	Observation of charge accumulation and onsite Coulomb repulsion at transition metal impurities in the iron pnictides. Physical Review B, 2013, 87, .	3.4	8
437	Doping dependence of the plasmon dispersion in $H$ -TaSe $2$ Barium vanadium silicate $Ba_2Si_2O_7$	3.4	20
438	$O$ $A$	3.4	12
439	study of quaternary half-metallic ferromagnetic $Co_5Mn$ $Mn$	3.4	11
440	Coupling of Li motion and structural distortions in olivine $LiMnPO_4$ from $^7Li$ and $^31P$ NMR. Physical Review B, 2013, 88, . chemical and external pressures on the magnetic properties of $\frac{1}{4}$	3.4	14
441			

#	ARTICLE	IF	PR CITATIONS
451	Physical properties of the superconducting spin-valve Fe/Cu/Fe/In heterostructure. Physical Review B, 2012, 85.	3.4	35
452	Pr magnetism and its interplay with the Fe spin-density wave in PrFeAsO $F < \text{mml:math>F</mml:math>}$		

#	ARTICLE	IF	PR CITATIONS
469	Synthesis of superparamagnetic nanoparticles dispersed in spherically shaped carbon nanoballs. Journal of Nanoparticle Research, 2012, 14, .	2.4	16
470	Anatase Nanotubes as an Electrode Material for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2012, 116, 8714-8720.	3.1	71
471	Slow Magnetic Relaxations in Manganese(III) Tetra( <i>meta</i> -fluorophenyl)porphyrin-tetracyanoethenide. Comparison with the Relative Single Chain Magnet <i>ortho</i> -Compound. Inorganic Chemistry, 2012, 51, 9983-9994.	4.6	35
472	Lattice Expansion in Seamless Bilayer Graphene Constrictions at High Bias. Nano Letters, 2012, 12, 4455-4459.	8.7	32
473	Orthogonal spin arrangement as possible ground state of three-dimensional Shastry-Sutherland network in Ba <sub>2</sub> Cu <sub>3</sub> TeO <sub>10</sub> . Journal of Physical Chemistry C, 2012, 116, 12472-12476.	3.4	17
474	Amorphous Carbon under 80 kV Electron Irradiation: A Means to Make or Break Graphene. Advanced Materials, 2012, 24, 5630-5635.	24.5	68
475	Investigation of LiFeAs by means of a Josephson-junction technique. JETP Letters, 2012, 95, 537-543.	1.4	13
476	Evidence for phase formation in potassium intercalated 1,2;8,9-dibenzopentacene. European Physical Journal B, 2012, 85, .	1.6	15
477	Evidence of a critical hole concentration in underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . Physical Review B, 2012, 85, .	3.4	10
478	Effect in NdFeO <sub>3</sub> . Physical Review B, 2012, 85, .	3.4	23
479	Effect in NdFeO <sub>3</sub> . Physical Review B, 2012, 85, .	8.2	26
480	Graphene at High Bias: Cracking, Layer by Layer Sublimation, and Fusing. Nano Letters, 2012, 12, 1873-1878.	8.7	98
481	Programmable Sub-nanometer Sculpting of Graphene with Electron Beams. ACS Nano, 2012, 6, 10327-10334.	15.3	54
482	Thermodynamic studies on single-crystalline Gd <sub>2</sub> BaNiO <sub>7</sub> . Physical Review B, 2012, 85, .	3.4	10
483	Physical Review B, 2012, 85, .	3.4	27
484	An interplay between the spin density distribution and magnetic superexchange interactions: a case study of mononuclear [nBu <sub>4</sub> N] <sub>2</sub> [Cu(opooMe)] and novel asymmetric trinuclear [Cu <sub>3</sub> (opooMe)(pmdta) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> ·3MeCN. Dalton Transactions, 2012, 41, 14657.	3.0	16
485	Understanding the growth of amorphous SiO <sub>2</sub> nanofibers and crystalline binary nanoparticles produced by laser ablation. Nanotechnology, 2012, 23, 035601.	2.7	6
486	CVD Grown Horizontally Aligned Single-Walled Carbon Nanotubes: Synthesis Routes and Growth Mechanisms. Small, 2012, 8, 1973-1992.	11.6	54

#	ARTICLE	IF	PR CITATIONS
487	One-Sign Order Parameter in Iron Based Superconductor. Symmetry, 2012, 4, 251-264.	2.0	109
488	Probing the Unconventional Superconducting State of LiFeAs by Quasiparticle Interference. Physical Review Letters, 2012, 108, .	8.2	64
489	<sup>75</sup> As NMR-NQR study in superconducting LiFeAs. European Physical Journal B, 2012, 85, .	1.6	29
490	Inelastic Neutron-Scattering Measurements of Incommensurate Magnetic Excitations on Superconducting LiFeAs Single Crystals. Physical Review Letters, 2012, 108, .	8.2	69
491	Evidence for Triplet Superconductivity in a Superconductor-Ferromagnet Spin Valve. Physical Review Letters, 2012, 109, .	8.2	193
492	Size and Shape Control of Colloidal Copper(I) Sulfide Nanorods. ACS Nano, 2012, 6, 5889-5896.	15.3	136
493	Hole doping in BaFe <sub>2</sub> As <sub>2</sub> : The case of Ba <sub>2</sub> Fe <sub>2</sub> As <sub>2</sub> . Physical Review Letters, 2012, 108, .	3.4	45
494	The filling of carbon nanotubes with magnetoelectric Cr <sub>2</sub> O <sub>3</sub> . Carbon, 2012, 50, 1706-1709.	10.7	14
495	Transition metal loaded silicon carbide-derived carbons with enhanced catalytic properties. Carbon, 2012, 50, 1861-1870.	10.7	53
496	Gd <sup>3+</sup> electron spin resonance spectroscopy on LaO <sub>1-x</sub> F <sub>x</sub> FeAs superconductors. Journal of Experimental and Theoretical Physics, 2012, 114, 662-670.	0.9	3
497	Resonant soft X-ray scattering studies of multiferroic YMn <sub>2</sub> O <sub>5</sub> . European Physical Journal: Special Topics, 2012, 208, 133-139.	2.0	5
498	On the merits of Raman spectroscopy and thermogravimetric analysis to assess carbon nanotube structural modifications. Applied Physics A: Materials Science and Processing, 2012, 106, 843-852.	2.6	35
499	Structural Distortions in Few-Layer Graphene Creases. ACS Nano, 2011, 5, 9984-9991.	15.3	31
500	Single Crystal Growth of the CeCu <sub>2</sub> Si <sub>2</sub> Intermetallic Compound by a Vertical Floating Zone Method. Crystal Growth and Design, 2011, 11, 431-435.	3.4	9
501	Electrochemical Behavior and Magnetic Properties of Vanadium Oxide Nanotubes. Journal of Physical Chemistry C, 2011, 115, 5265-5270.	3.1	21
502	Growth of Carbon Nanotubes Catalyzed by Defect-Rich Graphite Surfaces. Chemistry of Materials, 2011, 23, 1637-1639.	6.7	40
503	First Direct In Situ EPR Spectroelectrochemical Evidence of the Superoxide Anion Radical. Journal of Physical Chemistry B, 2011, 115, 12036-12039.	2.7	23
504	Atomic Structure of Interconnected Few-Layer Graphene Domains. ACS Nano, 2011, 5, 6610-6618.	15.3	80

#	ARTICLE	IF	PR CITATIONS
505	<p>ic properties of the low-dimensional spin-<math>\frac{1}{2}</math>-<math>\text{Cu}</math> magnet</p> <p><math>\frac{1}{2}</math>-<math>\text{Cu}</math></p>	3.4	27
506	New Dinuclear Nickel(II) Complexes: Synthesis, Structure, Electrochemical, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 4553-4558.	4.6	44
507	Saturation Field of Frustrated Chain Cuprates: Broad Regions of Predominant Interchain Coupling. Physical Review Letters, 2011, 107, .	8.2	41

508

#	ARTICLE	IF	PR CITATIONS
523	Effect of rotation of feed and seed rods on the quality of Na <sub>0.75</sub> CoO <sub>2</sub> single crystal grown by traveling solvent floating zone method. Materials Research Bulletin, 2011, 46, 675-681.	5.4	3
524	Synthesis, characterization and magnetic properties of hexagonal (VO) <sub>0.09</sub> V <sub>0.18</sub> Mo <sub>0.82</sub> O <sub>3</sub> ·0.54H <sub>2</sub> O microrods. Materials Letters, 2011, 65, 579-582.	2.5	10
525	Optimizing substrate surface and catalyst conditions for high yield chemical vapor deposition grown epitaxially aligned single-walled carbon nanotubes. Carbon, 2011, 49, 5029-5037.	10.7	16
526	A New Family of 1D Exchange Biased Heterometal Single-Molecule Magnets: Observation of Pronounced Quantum Tunneling Steps in the Hysteresis Loops of Quasi-Linear {Mn <sub>2</sub> Ni <sub>3</sub> } Clusters. Journal of the American Chemical Society, 2011, 133, 3433-3443.	15.0	73
527	Synthesis, characterization, and photocatalytic properties of core/shell mesoporous silica nanospheres supporting nanocrystalline titania. Journal of Nanoparticle Research, 2011, 13, 5899-5908.	2.4	53
528	Van Hove singularity as a possible origin of the bandwidth renormalization in layered superconductors. Journal of Physics and Chemistry of Solids, 2011, 72, 562-564.	4.7	9
529	Single crystal growth of Eu <sub>2</sub> CuSi <sub>3</sub> intermetallic compound by the floating-zone method. Journal of Crystal Growth, 2011, 318, 1009-1012.	1.9	12
530	Floating zone crystal growth of selected R <sub>2</sub> PdSi <sub>3</sub> ternary silicides. Journal of Crystal Growth, 2011, 318, 942-946.	1.9	9
531	Growth of catalyst-assisted and catalyst-free horizontally aligned single wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2467-2470.	1.5	3
532	CCVD Synthesis of Carbon-Encapsulated Cobalt Nanoparticles for Biomedical Applications. Advanced Functional Materials, 2011, 21, 3583-3588.	17.0	41
533	Current-Induced Mass Transport in Filled Multiwalled Carbon Nanotubes. Advanced Materials, 2011, 23, 541-544.	24.5	23
534	Evidence for a New Two-Dimensional C <sub>4</sub> H <sub>2</sub> -Type Polymer Based on Hydrogenated Graphene. Advanced Materials, 2011, 23, 4497-4503.	24.5	103
535	Challenges in the crystal growth of Li <sub>2</sub> CuO <sub>2</sub> and LiMnPO <sub>4</sub> . Journal of Crystal Growth, 2011, 318, 995-999.	1.9	25
536	Magnetic field controlled single crystal growth and surface modification of titanium alloys exposed for biocompatibility. Journal of Crystal Growth, 2011, 318, 1048-1052.	1.9	8
537	Self-flux growth of large EuCu <sub>2</sub> Si <sub>2</sub> single crystals. Journal of Crystal Growth, 2011, 318, 1043-1047.	1.9	7
538	Single crystal growth and physical properties of superconducting ferro-pnictides Ba(Fe, Co) <sub>2</sub> As <sub>2</sub> grown using self-flux and Bridgman techniques. Journal of Crystal Growth, 2011, 314, 341-348.	1.9	28
539	Solidification and crystal growth of binary Tb <sub>5</sub> Si <sub>3</sub> intermetallics. Journal of Crystal Growth, 2011, 321, 45-49.	1.9	6
540	On the potential of long carbon nanotube forest for sensing gases and vapors. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1199-1207.	2.8	9



#	ARTICLE	IF	PR CITATIONS
559	Superconductivity in single crystals of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ . Physical Review B, 2011, 83, .	3.4	41
560	Exciton character in picene molecular solids. Physical Review B, 2011, 83, .	3.4	27
561	Effect of Charge Order on the Plasmon Dispersion in Transition-Metal Dichalcogenides. Physical Review Letters, 2011, 107, .	8.2	61
562	Spin Gap in the Zigzag Spin-Chain Cuprate $\text{Sr}_{0.9}\text{Ca}_{0.1}\text{CuO}_2$ . Physical Review Letters, 2011, 107, .	8.2	31
563	Exploring the details of the martensite-austenite phase transition of the shape memory Heusler compound $\text{Mn}_2\text{NiGa}$ by hard x-ray photoelectron spectroscopy, magnetic and transport measurements. High-field electron spin resonance spectroscopy study of $\text{GdFeAsO}$ .	3.0	36
564	On the carbo-thermal reduction of silica for carbon nano-fibre formation via CVD. Materials Research Society Symposia Proceedings, 2011, 1284, .	0.1	0
565	In-situ Observations of Restructuring Carbon Nanotubes via Low-voltage Aberration-corrected Transmission Electron Microscopy. Materials Research Society Symposia Proceedings, 2011, 1284, .	0.1	0
566	Low temperature CVD growth of graphene nano-flakes directly on high K dielectrics. Materials Research Society Symposia Proceedings, 2011, 1284, .	0.1	2
567	Propeller-Like Low Temperature Fermi Surface of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ from Magnetotransport and Photoemission Measurements. Journal of the Physical Society of Japan, 2011, 80, 023710.	2.1	18
568	Charge order and low frequency spin dynamics in lanthanum cuprates revealed by Nuclear Magnetic Resonance. European Physical Journal: Special Topics, 2010, 188, 89-101.	2.0	17
569	Nernst effect of stripe ordering $\text{La}_{1.8}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_4$ . European Physical Journal: Special Topics, 2010, 188, 103-112.	2.0	18
570	An ARPES view on the high- $T_c$ problem: Phonons vs. spin-fluctuations. European Physical Journal: Special Topics, 2010, 188, 153-162.	2.0	36
571	Investigating the Outskirts of Fe and Co Catalyst Particles in Alumina-Supported Catalytic CVD Carbon Nanotube Growth. ACS Nano, 2010, 4, 1146-1152.	15.3	56
572	Effect of addition of planetary milled Gd-211 on the microstructures and superconducting properties of air-processed single grain $\text{Gd}_{1-x}\text{Cu}_x\text{O}/\text{Ag}$ bulk superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 1153-1157.	0.9	7
573	Enhanced $\pi$ - $\pi$ interactions between a C60 fullerene and a buckle bend on a double-walled carbon nanotube. Nano Research, 2010, 3, 92-97.	8.6	18
574	High Field ESR Study of the New Low Dimensional $S=1/2$ System: $\text{Cu}(\text{NO}_3)_2 \cdot x\text{H}_2\text{O}$ . Journal of Low Temperature Physics, 2010, 159, 96-100.	1.2	1
575	Upper Critical Field Measurements up to 60 T in Arsenic-Deficient $\text{LaO}_{0.9}\text{FeAs}_{1-x}$ : Pauli Limiting Behavior at High Fields vs. Improved Superconductivity at Low Fields. Journal of Low Temperature Physics, 2010, 159, 164-167.	1.2	1

#	ARTICLE	IF	PR CITATIONS
577	High Field ESR Spectroscopy on GdO <sub>1-x</sub> F <sub>x</sub> FeAs. Journal of Low Temperature Physics, 2010, 159, 172-175.	1.2	0
578	Vanadium dioxide nanobelts: Hydrothermal synthesis and magnetic properties. Materials Research Bulletin, 2010, 45, 1118-1121.	5.4	18
579	Interplay of Magnetic Exchange Interactions and Ni <sup>2+</sup> /Si <sup>4+</sup> /Ni Bond Angles in Polynuclear Nickel(II) Complexes. ChemPhysChem, 2010, 11, 1961-1970.	1.9	27
580	Dispersion and diameter separation of multi-wall carbon nanotubes in aqueous solutions. Journal of Colloid and Interface Science, 2010, 345, 138-142.	9.9	121
581	Crystal growth of the Pr <sub>2</sub> PdSi <sub>3</sub> intermetallic compound. Journal of Crystal Growth, 2010, 312, 1992-1996.	1.9	14
582	Intersite Coulomb interactions in edge-shared CuO <sub>2</sub> chains: Optics and EELS. Physica C: Superconductivity and Its Applications, 2010, 470, S84-S85.	0.9	3
583	Evidence for Pauli-limiting behaviour at high fields and enhanced upper critical fields near $T_c$ in several disordered FeAs based superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S288-S290.	0.9	3
584	Insight into the physics of Fe-pnictides from optical and $T = 0$ penetration depth data. Physica C: Superconductivity and Its Applications, 2010, 470, S332-S333.	0.9	5
585	NMR study of the electronic properties of superconducting LaO <sub>0.9</sub> F <sub>0.1</sub> FeAs. Physica C: Superconductivity and Its Applications, 2010, 470, S468-S469.	0.9	1
586	Probing of the charge distribution in iron pnictides. Physica C: Superconductivity and Its Applications, 2010, 470, S454-S455.	0.9	3
587	Static susceptibility and heat capacity studies on V <sub>3</sub> O <sub>7</sub> -H <sub>2</sub> O <sub>7</sub> nanobelts. Journal of Magnetism and Magnetic Materials, 2010, 322, 878-881.	2.8	10
588	Electrons in cuprates: A consistent ARPES view. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 44-47.	1.4	5
589	In situ observations of solidification processes in $\beta$ -TiAl alloys by synchrotron radiation. Acta Materialia, 2010, 58, 2408-2418.	8.7	32
590	Cisplatin-loaded carbon-encapsulated iron nanoparticles and their in vitro effects in magnetic fluid hyperthermia. Carbon, 2010, 48, 2327-2334.	10.7	41
591	The formation of stacked-cup carbon nanotubes using chemical vapor deposition from ethanol over silica. Carbon, 2010, 48, 3175-3181.	10.7	30
592	Tracking down the catalytic hydrogenation of multilayer graphene. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2731-2734.	0.7	3
593	Electronic properties of molecular solids: the peculiar case of solid picene. New Journal of Physics, 2010, 12, 103036.	2.9	47
594	Single-wall-carbon-nanotube/single-carbon-chain molecular junctions. Physical Review B, 2010, 81, .	3.4	49

#	ARTICLE	IF	PR CITATIONS
595	Structural transformations of carbon chains inside nanotubes. Physical Review B, 2010, 81, .	3.4	16
596	Nanoscale Electronic Order in Iron Pnictides. Physical Review Letters, 2010, 104, .	8.2	79
597	Absence of surface states for LiFeAs investigated using density functional calculations. Physical Review B, 2010, 82, .	3.4	43
598	Unusual disorder effects in superconducting $\text{LaFeAsO}_{0.9}\text{F}_{0.1}$ as revealed by $^{75}\text{As}$ NMR spectroscopy. Physical Review B, 2010, 81, .	3.4	23
599	Anisotropic crystal field, Mott gap, and interband excitations in TiOCl: An electron energy-loss study. Physical Review B, 2010, 81, .	3.4	0
600	<i>In situ</i> observations of self-repairing single-walled carbon nanotubes. Physical Review B, 2010, 81, .	3.4	25
601	Observation of two-hole satellite in the resonant x-ray photoemission spectra of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ . Physical Review B, 2010, 81, .	3.4	5
602	Observation of the Fermi surface, the band structure, and their diffraction replicas of $\text{Sr}_{1-x}\text{Ca}_x\text{Cu}_2\text{O}_4$ by angle-resolved photoemission spectroscopy. Physical Review B, 2010, 81, .	3.4	9
603	Plasmons and interband transitions of $\text{Ca}_{1-x}\text{Sr}_x\text{Cu}_2\text{O}_4$ investigated by electron energy-loss spectroscopy. Physical Review B, 2010, 82, .	3.4	7
604	Tuning superconductivity by carrier injection. Applied Physics Letters, 2010, 96, .	3.0	25
605	Pinning effects in ceramic $\text{SmO}_{1-x}\text{F}_x$ revealed by microwave absorption. Physical Review B, 2010, 81, .	3.4	1
606	Crystal and magnetic structure of the oxypnictide superconductor $\text{LaFeAsO}_{1-x}\text{F}_x$ . A neutron-diffraction study. Physical Review B, 2010, 82, .	3.4	87
607	Bridging Charge-Orbital Ordering and Fermi Surface Instabilities in Half-Doped Single-Layered Manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_2$ . Physical Review Letters, 2010, 105, .	8.2	14
608	Examining the stability of folded graphene edges against electron beam induced sputtering with atomic resolution. Nanotechnology, 2010, 21, 325702.	2.7	28
609	Magnetic properties of carbon nanotubes with and without catalyst. Journal of Physics: Conference Series, 2010, 200, 072061.	0.3	46
610	Graphene Synthesis on Cubic SiC/Si Wafers. Perspectives for Mass Production of Graphene-Based Electronic Devices. Nano Letters, 2010, 10, 992-995.	8.7	213
611	Superconductivity without Nesting in LiFeAs. Physical Review Letters, 2010, 105, .	8.2	284
612	Synthesis, characterization, and electrical properties of nitrogen-doped single-walled carbon nanotubes with different nitrogen content. Diamond and Related Materials, 2010, 19, 1199-1206.	4.8	80

#	ARTICLE	IF	PR CITATIONS
613	Magnetodielectric and magnetoelastic coupling in $\text{TbFe}_3$ . Physical Review B, 2010, 82, .	3.4	60
614	Tunable Band Gap in Hydrogenated Quasi-Free-Standing Graphene. Nano Letters, 2010, 10, 3360-3366.	8.7	316
615	Binuclear 1,2-Diphosphacyclopentadienyl Manganese(I) Complexes: Synthesis, Structure and Magnetic Properties. Organometallics, 2010, 29, 1339-1342.	2.9	20
616	Realization of the Nersesyan-Tselik model in $\text{NO}$ . Physical Review B, 2010, 82, .	3.4	26
617	Morphology, Structural Control, and Magnetic Properties of Carbon-Coated Nanoscaled NiRu Alloys. Journal of Physical Chemistry C, 2010, 114, 10745-10749.	3.1	33
618	Finite-size effects and magnetic order in the spin-bevelled honeycomb compound $\text{SrCu}_2\text{O}_7$ . Physical Review B, 2010, 82, .	3.4	31
619	Ballistic heat transport of quantum spin excitations as seen in $\text{SrCu}_2\text{O}_7$ . Physical Review B, 2010, 81, .	3.4	130
620	Direct Low-Temperature Nanographene CVD Synthesis over a Dielectric Insulator. ACS Nano, 2010, 4, 4206-4210.	15.3	335
621	Liquid phase separation in $\text{GdTi}$ and $\text{GdZr}$ melts. Intermetallics, 2010, 18, 1941-1945.	4.7	15
622	Critical current and vortex dynamics in single crystals of $\text{Ca}$ . Physical Review B, 2010, 82, .	3.4	35
623	Nonresonant x-ray magnetic scattering on rare-earth iron borates $\text{Fe}$ . Physical Review B, 2010, 82, .	3.4	29
624	In situ observations of fullerene fusion and ejection in carbon nanotubes. Nanoscale, 2010, 2, 2077.	5.0	22
625	Heat conductivity of the spin-Peierls compounds $\text{TiOCl}$ and $\text{TiOBr}$ . Physical Review B, 2010, 81, .	3.4	3
626	Local antiferromagnetic correlations in the iron pnictide superconductors $\text{LaFeAsO}$ . Physical Review B, 2010, 81, .	3.4	107
627	Carbon Nanotubes Filled with Ferromagnetic Materials. Materials, 2010, 3, 4387-4427.	2.9	127
628	Single Crystal Growth and Characterization of Superconducting $\text{LiFeAs}$ . Crystal Growth and Design, 2010, 10, 4428-4432.	3.4	55
629	Conditions of Simultaneous Growth and Separation of Single- and Multiwalled Carbon Nanotubes. Journal of Physical Chemistry C, 2010, 114, 843-848.	3.1	16
630	Atomic Resolution Imaging and Topography of Boron Nitride Sheets Produced by Chemical Exfoliation. ACS Nano, 2010, 4, 1299-1304.	15.3	364

#	ARTICLE	IF	PR CITATIONS
631	Self-assembly of neutral hexanuclear circular copper(ii) meso-helicates: topological control by sulfate ions. Chemical Communications, 2010, 46, 2373.	3.4	45
632	Examining Co-Based Nanocrystals on Graphene Using Low-Voltage Aberration-Corrected Transmission Electron Microscopy. ACS Nano, 2010, 4, 470-476.	15.3	48
633	Stable magnetization of iron filled carbon nanotube MFM probes in external magnetic fields. Journal of Physics: Conference Series, 2010, 200, 112011.	0.3	10
634	Electron spin resonance study of Si/SiGe quantum dots. Physical Review B, 2010, 81, .	3.4	11
635	Magnetic anisotropy and ferromagnetic correlations above the Curie temperature in $\text{Eu}_2\text{Cr}_2\text{O}_7$ crystals. Physical Review B, 2010, 82, .	3.4	19
636	Interface-driven magnetoelectric effects in granular $\text{CrO}_2$ . Europhysics Letters, 2010, 91, 17006.	2.1	8
637	Negative plasmon dispersion in the transition-metal dichalcogenide $\text{TaSe}_2$ . Physical Review B, 2009, 79, .	3.4	36
638	Momentum dependence of the superconducting gap in $\text{BaFe}_2\text{As}_2$ . Physical Review B, 2009, 79, .	3.4	197
639	Charge-transfer excitons in underdoped $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$ studied by electron energy-loss spectroscopy. Physical Review B, 2009, 79, .	3.4	9
640	Thermal expansion of $\text{LaFeAsO}$ . Evidence for high-temperature fluctuations. Physical Review B, 2009, 80, .	3.4	29
641	Electronic structure and electron-phonon coupling of doped graphene layers in $\text{KC}_8$ . Physical Review B, 2009, 79, .	3.4	87
642	Evolution of the Kondo State of $\text{YbRh}_2$ by High-Field ESR. Physical Review Letters, 2009, 102, .	8.2	30
643	Two-Gap Superconductivity in $\text{BaK}_2\text{Fe}_2\text{As}_4$ . A Complementary Study of the Magnetic Penetration Depth by Muon-Spin Rotation and Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2009, 102, .	8.2	106
644	Electronic Structure and Nesting-Driven Enhancement of the RKKY Interaction at the Magnetic Ordering Propagation Vector in $\text{Gd}_2\text{PdSi}$ . Physical Review Letters, 2009, 102, .	8.2	49
645	One-Dimensional Confined Motion of Single Metal Atoms inside Double-Walled Carbon Nanotubes. Physical Review Letters, 2009, 102, .	8.2	40
646	Charge ordering in $\text{La}_2\text{CuO}_4$ . Physical Review B, 2009, 79, .	3.4	108
647	Theory of the electron spin resonance in heavy fermion systems with non-Fermi-liquid behavior. Physical Review B, 2009, 80, .	3.4	12
648	Nonmagnetic carbon nanotubes. Journal of Applied Physics, 2009, 105, 063906.	2.1	18

#	ARTICLE	IF	PR CITATIONS
649	Capturing the Motion of Molecular Nanomaterials Encapsulated within Carbon Nanotubes with Ultrahigh Temporal Resolution. ACS Nano, 2009, 3, 3037-3044. Evidence for Fermi surface reconstruction in the static stripe phase of La	15.3	25
650	1.8-x Eu 0.2 Sr Quantum electric dipole glass and frustrated magnetism near a critical point in Li	2.1	16
651	$\text{ZrCuO}_{2-x}$ $\text{ZrCuO}_{4-x}$ . Europhysics Letters. 2009, 88, 27001.	2.1	17
652	<i>in situ</i> observation of phase selection in undercooled Ni-Al melts. International Journal of Cast Metals Research, 2009, 22, 286-289.	1.1	4
653	The intrinsic electronic phase diagram of iron-oxypnictide superconductors. Europhysics Letters, 2009, 87, 17005.	2.1	111
654	Bulk synthesis of carbon nanocapsules and nanotubes containing magnetic nanoparticles via low energy laser pyrolysis of ferrocene. Materials Letters, 2009, 63, 1767-1770.	2.5	7
655	1-(1-aminobenzyl)-2-naphthol: A New Chiral Auxiliary for the Synthesis of Enantiopure Aminophosphonic Acids. Chemistry - A European Journal, 2009, 15, 6718-6722.	3.4	36
656	Fermi surface of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ as probed by angle-resolved photoemission. Physica C: Superconductivity and Its Applications, 2009, 469, 448-451.	0.9	24
657	Tetranuclear complexes in molecular magnetism: Targeted synthesis, high-field EPR and pulsed-field magnetization. Coordination Chemistry Reviews, 2009, 253, 2261-2285.	23.2	41
658	Shedding light on the crystallographic etching of multi-layer graphene at the atomic scale. Nano Research, 2009, 2, 695-705.	8.6	77
659	Oxide catalysts for carbon nanotube and few layer graphene formation. Physica Status Solidi (B): Basic Research, 2009, 246, 2530-2533.	1.5	5
660	On the catalytic hydrogenation of graphite for graphene nanoribbon fabrication. Physica Status Solidi (B): Basic Research, 2009, 246, 2540-2544.	1.5	26
661	Carbon nanotube synthesis via ceramic catalysts. Physica Status Solidi (B): Basic Research, 2009, 246, 2486-2489.	1.5	9
662	Long-range magnetic order in copper nitrate monohydrate $\text{Cu}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$ . JETP Letters, 2009, 89, 88-91.	1.4	4
663	Observation of the inverse spin valve effect in a Ni/V/Ni trilayer system. JETP Letters, 2009, 90, 59-63.	1.4	20
664	Determination of the real contact area for numerical simulation. Tribology International, 2009, 42, 897-901.	6.2	35
665	Synthesis and characterization of $\text{V}_3\text{O}_7 \cdot \text{H}_2\text{O}$ nanobelts. Solid State Communications, 2009, 149, 814-817.	2.4	25
666	Single-crystal growth of $\text{LiMnPO}_4$ by the floating-zone method. Journal of Crystal Growth, 2009, 311, 1273-1277.	1.9	33

#	ARTICLE	IF	PR CITATIONS
667	Magnetic study of iron-containing carbon nanotubes: Feasibility for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2009, 321, 4067-4071.	2.8	61
668	Hydrogen activated axial inter-conversion in SiC nanowires. Journal of Solid State Chemistry, 2009, 182, 602-607.	3.3	12
669	Phase diagram features and solidification behaviour of CoCu <sub>2</sub> O <sub>3</sub> at elevated oxygen pressure. Journal of Solid State Chemistry, 2009, 182, 2036-2040.	3.3	10
670	The synthesis of carbon coated Fe, Co and Ni nanoparticles and an examination of their magnetic properties. Carbon, 2009, 47, 2821-2828.	10.7	205
671	Boron doped carbon nanotubes via ceramic catalysts. Physica Status Solidi - Rapid Research Letters, 2009, 3, 193-195.	2.0	8
672	Surface of underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\hat{\nu}</math></sub> as revealed by STM/STS. European Physical Journal B, 2009, 69, 483-489.	1.6	5
673	Synthesis and physical properties of LaO <sub>1-x</sub> F <sub>x</sub> FeAs. European Physical Journal B, 2009, 70, 461-468.	1.6	42
674	Metastable formation of decagonal quasicrystals during solidification of undercooled Al-Ni melts: <i>in situ</i> observations by synchrotron radiation. Europhysics Letters, 2009, 86, 36002.	2.1	21
675	Spin and Orbital Ground State of Co in Cobalt Phthalocyanine. Journal of Physical Chemistry A, 2009, 113, 8917-8922.	2.5	72
676	Electronic structure of $\text{Pr}_{1-x}\text{Ce}_x\text{N}$ via ARPES and $\text{Pr}_{1-x}\text{Ce}_x\text{N}$ . Physical Review B, 2009, 80, .	3.4	23
677	Examining the Edges of Multi-Layer Graphene Sheets. Chemistry of Materials, 2009, 21, 2418-2421.	6.7	37
678	Electronic structure of $\text{CeCoIn}_5$ angle-resolved photoemission spectroscopy. Physical Review B, 2009, 79, .	3.5	39
679	Investigating the Diameter-Dependent Stability of Single-Walled Carbon Nanotubes. ACS Nano, 2009, 3, 1557-1563.	15.3	90
680	Investigating the Graphitization Mechanism of SiO <sub>2</sub> Nanoparticles in Chemical Vapor Deposition. ACS Nano, 2009, 3, 4098-4104.	15.3	96
681	Unravelling the Mechanisms Behind Mixed Catalysts for the High Yield Production of Single-Walled Carbon Nanotubes. ACS Nano, 2009, 3, 3839-3844.	15.3	3
682	Andreev spectroscopy of $\text{LaFeAsO}_{1-x}\text{F}_x$ . Physical Review B, 2009, 79, .	3.4	34
683	Two Energy Gaps and Fermi-Surface Arcs in $\text{NbSe}_2$ . Physical Review Letters, 2009, 102, .	8.2	206
684	Perpendicular magnetization of long iron carbide nanowires inside carbon nanotubes due to magnetocrystalline anisotropy. Journal of Applied Physics, 2009, 106, .	2.1	44

#	ARTICLE	IF	PR CITATIONS
685	Growth Aspects of Iron-Filled Carbon Nanotubes Obtained by Catalytic Chemical Vapor Deposition of Ferrocene. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2736-2740.	3.1	24
686	Highly dispersive spin excitations in the chain cuprate $\text{LiCuO}_2$ . <i>Europhysics Letters</i> , 2009, 88, 37002.	2.1	52
687	Direct Imaging of Rotational Stacking Faults in Few Layer Graphene. <i>Nano Letters</i> , 2009, 9, 102-106.	8.7	238
688	Temperature-dependent Fermi surface of $\text{TaSe}_2$ by competing density wave order fluctuations. <i>Physical Review B</i> , 2009, 79, .	3.4	29
689	Interaction of an extended series of N-substituted di(2-picolyl)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. <i>Dalton Transactions</i> , 2009, , 4795.	3.0	47
690	Temperature and Doping-Dependent Renormalization Effects of the Low Energy Electronic Structure of $\text{BaKFe}_2\text{As}_2$ . <i>Physical Review Letters</i> , 2009, 102, .	8.2	22
691	Crystals. <i>Physical Review Letters</i> , 2009, 102, .	3.4	127
692	Angle-resolved photoemission study of the graphite intercalation compound $\text{KC}_8$ : A key to graphene. <i>Physical Review B</i> , 2009, 80, .	3.4	71
693	High-temperature ferromagnetism of Li-doped vanadium oxide nanotubes. <i>Europhysics Letters</i> , 2009, 88, 57002.	2.1	11
694	Biocompatibility of Iron Filled Carbon Nanotubes <i>In Vitro</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 5709-5716.	0.6	23
695	High-Field ESR and Magnetization Study of a Novel Macrocyclic Chelate Trinuclear Ni(II) Complex. <i>Journal of Low Temperature Physics</i> , 2009, 159, 84-87.	1.2	0
696	Convectional controlled crystal-melt interface using two-phase radio-frequency electromagnetic heating. <i>Journal of Materials Science</i> , 2009, 45, 2228-2232.	3.5	4
697	Functionalization of carbon encapsulated iron nanoparticles. <i>Journal of Nanoparticle Research</i> , 2009, 12, 513-519.	2.4	30
698	Confinement of fractional quantum number particles in a condensed-matter system. <i>Nature Physics</i> , 2009, 6, 50-55.	15.1	138
699	Loss spectroscopy on sparse arrays of aligned single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2284-2287.	1.5	7
700	Comparative study on thermal and plasma enhanced CVD grown carbon nanotubes from gas phase prepared elemental and binary catalyst particles. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1919-1922.	1.5	7
701	Crystal growth of rare earth-transition metal borocarbides and silicides. <i>Journal of Crystal Growth</i> , 2008, 310, 2268-2276.	1.9	41
702	Magnetic field controlled floating-zone crystal growth and properties of RuAl single crystal. <i>Journal of Crystal Growth</i> , 2008, 310, 4286-4289.	1.9	6

#	ARTICLE	IF	PR CITATIONS
703	One-step catalyst-free generation of carbon nanospheres via laser-induced pyrolysis of anthracene. Journal of Solid State Chemistry, 2008, 181, 2796-2803.	3.3	29
704	Characterisation of different lubricants concerning the friction coefficient in forging of AA2618. Journal of Materials Processing Technology, 2008, 198, 41-47.	6.8	19
705	Cyclohexane triggers staged growth of pure and vertically aligned single wall carbon nanotubes. Chemical Physics Letters, 2008, 454, 332-336.	2.8	13
706	Magnetization and specific heat of DyFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> single crystal. European Physical Journal B, 2008, 62, 123-128.	1.6	31
707	Carbon Nanotubes Filled with a Chemotherapeutic Agent: A Nanocarrier Mediates Inhibition of Tumor Cell Growth. Nanomedicine, 2008, 3, 175-182.	3.1	227
708	Linear Plasmon Dispersion in Single-Wall Carbon Nanotubes and the Collective Excitation Spectrum of Graphene. Physical Review Letters, 2008, 100, .	8.2	222
709	Carbon nanotube based biomedical agents for heating, temperature sensing and drug delivery. International Journal of Hyperthermia, 2008, 24, 496-505.	2.6	105
710	Valence states and metamagnetic phase transition in partially site-disordered perovskite $B_{1-x}A_xB_{1-x}O_3$ . Physical Review B, 2008, 78, .	3.4	88
711	NMR Studies of Superconducting $LaFeAsO_{1-x}F_x$ . Physical Review Letters, 2008, 101, .	8.2	270
712	Upper critical field, penetration depth, and depinning frequency of the high-temperature superconductor $LaFeAsO_{0.9F0.1}$ studied by microwave surface impedance. Physical Review B, 2008, 78, .	3.4	17
713	Commensurate Spin Density Wave in $LaFeAsO$ : A Local Probe Study. Physical Review Letters, 2008, 101, .	8.2	274
714	Spin-State Polarons in Lightly-Hole-Doped $LaCoO_3$ . Physical Review Letters, 2008, 101, .	8.2	79
715	Pseudogap and Charge Density Waves in Two Dimensions. Physical Review Letters, 2008, 100, .	8.2	189
716	On the Formation of Single-Walled Carbon Nanotubes in Pulsed-Laser-Assisted Chemical Vapor Deposition. Chemistry of Materials, 2008, 20, 128-134.	6.7	4
717	Pseudogap-Driven Sign Reversal of the Hall Effect. Physical Review Letters, 2008, 100, .	8.2	44
718	Fine tuning the charge transfer in carbon nanotubes via the interconversion of encapsulated molecules. Physical Review B, 2008, 77, .	3.4	82
719	Stepwise Current-Driven Release of Attogram Quantities of Copper Iodide Encapsulated in Carbon Nanotubes. Nano Letters, 2008, 8, 3120-3125.	8.7	57
720	High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of an Arsenic-Deficient $LaO_{1-x}FeAs_x$ . Physical Review Letters, 2008, 101, .	8.2	86

#	ARTICLE	IF	PR CITATIONS
721	Exposing Multiple Roles of H <sub>2</sub> O in High-Temperature Enhanced Carbon Nanotube Synthesis. Chemistry of Materials, 2008, 20, 6586-6588.	6.7	19
722	Iron-filled carbon nanotubes as probes for magnetic force microscopy. Journal of Applied Physics, 2008, 104, .	2.1	50
723	A Carbon-Wrapped Nanoscaled Thermometer for Temperature Control in Biological Environments. Nanomedicine, 2008, 3, 321-327.	3.1	53
724	Hybridization effects in $\text{CoCeIn}_5$ observed by angle-resolved photoemission. Physical Review B, 2008, 77, .	3.4	44
725	Magnetic ordering and negative thermal expansion in PrFeAsO. Physical Review B, 2008, 78, .	3.4	96
726	Excitation energy map of high-energy dispersion anomalies in cuprates. Physical Review B, 2008, 77, .	3.4	31
727	Electron spin dynamics of the superconductor $\text{CaC}_6$ probed by ESR. Physical Review B, 2008, 77, .	3.4	9
728	Electronic structure of $\text{LaFeAsO}$ x-ray absorption spectroscopy. Physical Review B, 2008, 78, .	3.4	11
729	Anomalous orbital dynamics in $\text{LaSrMn}_4\text{O}$ observed by Raman spectroscopy. Physical Review B, 2008, 77, .	3.4	21
730	Optical Study of $\text{LaO}_0.9\text{F}_0.1\text{FeAs}$ : Evidence for a Weakly Coupled Superconducting State. Physical Review Letters, 2008, 101, .	8.2	22
731	Spin frustration and magnetic exchange in cobalt aluminum oxide spinels. Physical Review B, 2008, 77, .	3.4	58
732	Contrasting spin dynamics in Zn- and Ni-doped $\text{Ba}_2\text{Cu}_3\text{FeAs}_2$ . Physical Review B, 2008, 78, .	3.4	6
733	Valence-band and core-level photoemission spectroscopy of $\text{LaFeAsO}$ . Physical Review B, 2008, 78, .	3.4	24
734	Field and Temperature Dependence of the Superfluid Density in $\text{LaFeAsO}$ Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, .	3.4	10
735	Interplay between Kondo-like behavior and short-range antiferromagnetism in $\text{EuCu}_2\text{Si}_2$ single crystals. Physical Review B, 2008, 78, .	3.4	16
736	Crossover in charge transport from one-dimensional copper-oxygen chains to two-dimensional ladders in $(\text{La},\text{Y})(\text{Sr},\text{Ca})_{14}\text{Cu}_{24}\text{O}_{41}$ . Physical Review B, 2008, 78, .	3.4	4
737	Temperature Influence on the Morphology and the Magnetic Properties of Vertically Aligned Fe-filled Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2007, 15, 89-97.	2.0	4
738	Relation between Growth Parameters and Morphology of Vertically Aligned Fe-filled Carbon Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2007, 15, 135-143.	2.0	6

#	ARTICLE	IF	PR CITATIONS
739	Disentangling surface and bulk photoemission using circularly polarized light. Physical Review B, 2007, 76, .	3.4	38
740	Interplay between the valence phase transition and Kondo behavior in $\text{YbLaInCu}_4$ . Physical Review B, 2007, 75, .	3.4	6
741	Relation between the one-particle spectral function and dynamic spin susceptibility of superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . Physical Review B, 2007, 75, .	3.4	30
742	Momentum and temperature dependence of renormalization effects in the high-temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physical Review B, 2007, 76, .	3.4	57
743	One- and Two-Triplon Spectra of a Cuprate Ladder. Physical Review Letters, 2007, 98, .	8.2	113
744	Magnetization and specific heat of $\text{TbFe}_3(\text{BO}_3)_4$ : Experiment and crystal-field calculations. Physical Review B, 2007, 75, .	3.4	73
745	Anomalous Quasiparticle Renormalization in $\text{NaCoO}$ . Role of Interorbital Interactions and Magnetic Correlations. Physical Review Letters, 2007, 99, .	8.2	32
746	Symmetry disquisition on the $\text{TiOX}$ phase diagram ( $X=\text{Br}, \text{Cl}$ ). Physical Review B, 2007, 75, .	3.4	27
747	Linear Temperature Dependence of the Magnetic Heat Conductivity in $\text{CaCu}_2\text{O}_3$ . Physical Review Letters, 2007, 98, .	8.2	56
748	Momentum and Energy Dependence of the Anomalous High-Energy Dispersion in the Electronic Structure of High Temperature Superconductors. Physical Review Letters, 2007, 99, .	8.2	97
749	Octahedral tilts and electronic correlations in $\text{LaSr}_8\text{MnO}_3$ . Physical Review B, 2007, 75, .	3.4	1
750	Unraveling van Hove singularities in x-ray absorption response of single-wall carbon nanotubes. Physical Review B, 2007, 75, .	3.4	62
751	Revisiting and modeling the magnetism of hole-doped spin chains in. Journal of Magnetism and Magnetic Materials, 2007, 310, e397-e399.	2.8	0
752	Catalyst Volume to Surface Area Constraints for Nucleating Carbon Nanotubes. Journal of Physical Chemistry B, 2007, 111, 8234-8241.	2.7	62
753	Nanoengineered Catalyst Particles as a Key for Tailor-Made Carbon Nanotubes. Chemistry of Materials, 2007, 19, 5006-5009.	6.7	47
754	Tailoring N-Doped Single and Double Wall Carbon Nanotubes from a Nondiluted Carbon/Nitrogen Feedstock. Journal of Physical Chemistry C, 2007, 111, 2879-2884.	3.1	125
755	Rhenium-Catalyzed Growth Carbon Nanotubes. Journal of Physical Chemistry C, 2007, 111, 8414-8417.	3.1	62
756	Synthesis and crystal structure of the $\text{Sr}_2\text{Al}_{1.07}\text{Mn}_{0.93}\text{O}_5$ brownmillerite. Journal of Materials Chemistry, 2007, 17, 692-698.	7.3	42

#	ARTICLE	IF	PR CITATIONS
757	A spin-frustrated star-shaped heterotetranuclear CrIII MnII3 species and its magnetic and HF-EPR measurements. Dalton Transactions, 2007, , 481-487.	3.0	25
758	Isotope-Engineered Single-Wall Carbon Nanotubes; A Key Material for Magnetic Studies. Journal of Physical Chemistry C, 2007, 111, 4094-4098.	3.1	50
759	Insulator to semiconductor transition and magnetic properties of the one-dimensional $S=1$ spin chain: Frustrated Cuprate Route from Antiferromagnetic to Ferromagnetic Spin-1 Heisenberg Chains: Li <sub>2</sub> ZrCuO <sub>4</sub> as a Missing Link near the Quantum Critical Point. Physical Review Letters, 2007, 98, .	3.4	13
760	Frustrated Cuprate Route from Antiferromagnetic to Ferromagnetic Spin-1 Heisenberg Chains: Li <sub>2</sub> ZrCuO <sub>4</sub> as a Missing Link near the Quantum Critical Point. Physical Review Letters, 2007, 98, .	8.2	169
761	Influence of the Catalyst Hydrogen Pretreatment on the Growth of Vertically Aligned Nitrogen-Doped Carbon Nanotubes. Chemistry of Materials, 2007, 19, 6131-6137.	6.7	57
762	On the Graphitization Nature of Oxides for the Formation of Carbon Nanostructures. Chemistry of Materials, 2007, 19, 4105-4107.	6.7	129
763	Facile one-step-synthesis of carbon wrapped copper nanowires by thermal decomposition of Copper(II) acetylacetonate. Surface and Coatings Technology, 2007, 201, 9184-9188.	5.7	33
764	Control of the single-wall carbon nanotube mean diameter in sulphur promoted aerosol-assisted chemical vapour deposition. Carbon, 2007, 45, 55-61.	10.7	47
765	Single-step synthesis of metal-coated well-aligned CN <sub>x</sub> nanotubes using an aerosol-technique. Carbon, 2007, 45, 2889-2896.	10.7	19
766	Metastable phase formation in Ti-Al-Nb undercooled melts. Acta Materialia, 2007, 55, 681-689.	8.7	52
767	An energy-dispersive VUV beamline for NEXAFS and other CFS/CIS studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 470-475.	1.3	15
768	Coupling of stripes to lattice distortions in cuprates and nickelates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 170-173.	0.9	29
769	Magnetization of undoped 2-leg $S=1$ spin chain: Frustrated Cuprate Route from Antiferromagnetic to Ferromagnetic Spin-1 Heisenberg Chains: Li <sub>2</sub> ZrCuO <sub>4</sub> as a Missing Link near the Quantum Critical Point. Physical Review Letters, 2007, 98, .	0.9	0
770	Spectroscopic investigations on layered sodium cobaltates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 487-488.	0.9	0
771	Thermal conductivity of underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> . Physica C: Superconductivity and Its Applications, 2007, 460-462, 746-747.	0.9	5
772	Effect of Zn and Ni impurities on the quasiparticle renormalization in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> . Physica C: Superconductivity and Its Applications, 2007, 460-462, 882-883.	0.9	1
773	Observing the heavy fermions in CeCoIn <sub>5</sub> by angle-resolved photoemission. Physica C: Superconductivity and Its Applications, 2007, 460-462, 666-667.	0.9	6
774	Anomalous surface overdoping as a clue to the puzzling electronic structure of YBCO-123. Physica C: Superconductivity and Its Applications, 2007, 460-462, 888-889.	0.9	4

#	ARTICLE	IF	PR CITATIONS
775	About the relation between the quasiparticle Green's function in cuprates obtained from ARPES data and the magnetic susceptibility. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 939-940.	0.9	1
776	Cu nuclear quadrupole resonance study of NdBa <sub>2</sub> (Cu,Zn,Ni)3O <sub>7-x</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 896-897.	0.9	0
777	The low-dimensional spin magnet CaCu <sub>2</sub> O <sub>3</sub> probed by high-field ESR. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1251-1253.	2.8	1
778	High field specific heat study of antiferromagnetic dimers in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e403-e405.	2.8	3
779	Magnon "hole" scattering in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e412-e414.	2.8	4
780	MoO <sub>3</sub> nanorods: Synthesis, characterization and magnetic properties. <i>Solid State Sciences</i> , 2007, 9, 1028-1032.	3.1	99
781	Thermodynamic properties of NdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e621-e623.	2.8	25
782	Helimagnetism and weak ferromagnetism in edge-shared chain cuprates. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, 306-312.	2.8	49
783	Magnetic and thermal properties of single-crystal NdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Journal of Experimental and Theoretical Physics</i> , 2007, 105, 105-107.	0.9	17
784	[SrF <sub>0.8</sub> (OH) <sub>0.2</sub> ] <sub>2.526</sub> [Mn <sub>6</sub> O <sub>12</sub> ]: A Columnar Rock-Salt Fragments Inside the Todorokite-Type Tunnel Structure. <i>Chemistry of Materials</i> , 2007, 19, 1181-1189.	6.7	11
785	Oxide-Driven Carbon Nanotube Growth in Supported Catalyst CVD. <i>Journal of the American Chemical Society</i> , 2007, 129, 15772-15773.	15.0	91
786	Magnetic force microscopy sensors using iron-filled carbon nanotubes. <i>Journal of Applied Physics</i> , 2006, 99, 104905.	2.1	116
787	Kinks, Nodal Bilayer Splitting, and Interband Scattering in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . <i>Physical Review Letters</i> , 2006, 96, .	8.2	80
788	Effect of Zn and Ni Impurities on the Quasiparticle Renormalization of Superconducting Bi-2212. <i>Physical Review Letters</i> , 2006, 96, .	8.2	24
789	Tuning the magnetic ground state of a tetranuclear nickel(II) molecular complex by high magnetic fields. <i>Physical Review B</i> , 2006, 73, .	3.4	61
790	Magnon heat conductivity and mean free paths in two-leg spin ladders: A model-independent determination. <i>Physical Review B</i> , 2006, 73, .	3.4	34
791	Filling factor and electronic structure of Dy <sub>3</sub> N@C <sub>80</sub> filled single-wall carbon nanotubes studied by photoemission spectroscopy. <i>Physical Review B</i> , 2006, 73, .	3.4	25
792	Thermal Decomposition of Ferrocene as a Method for Production of Single-Walled Carbon Nanotubes without Additional Carbon Sources. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20973-20977.	2.7	108

#	ARTICLE	IF	PR CITATIONS
793	Current spinon-holon description of the one-dimensional charge-transfer insulator SrCuO <sub>2</sub> : Angle-resolved photoemission measurements. <i>Physical Review B</i> , 2006, 73, .	3.4	15
794	X-ray absorption spectroscopy of Na <sub>x</sub> CoO <sub>2</sub> layered cobaltates. <i>Physical Review B</i> , 2006, 74, .	3.4	30
795	Excited and ground state properties of LaSrMnO <sub>4</sub> : A combined x-ray spectroscopic study. <i>Physical Review B</i> , 2006, 74, .	3.4	7
796	Iron filled carbon nanotubes grown on substrates with thin metal layers and their magnetic properties. <i>Carbon</i> , 2006, 44, 1746-1753.	10.7	62
797	Growth and characterization of filled carbon nanotubes with ferromagnetic properties. <i>Carbon</i> , 2006, 44, 2316-2322.	10.7	104
798	High quality double wall carbon nanotubes with a defined diameter distribution by chemical vapor deposition from alcohol. <i>Carbon</i> , 2006, 44, 3177-3182.	10.7	68
799	Eutectic limit for the growth of carbon nanotubes from a thin iron film by chemical vapor deposition of cyclohexane. <i>Chemical Physics Letters</i> , 2006, 425, 301-305.	2.8	24
800	Catalytic decomposition of n-heptane for the growth of high quality single wall carbon nanotubes. <i>Chemical Physics Letters</i> , 2006, 428, 416-420.	2.8	9
801	O1s and Mn2p NEXAFS on single-layered La <sub>1-x</sub> Sr <sub>1+x</sub> MnO <sub>4</sub> : crystal field effect versus orbital coupling mechanism. <i>European Physical Journal B</i> , 2006, 51, 315-319.	1.6	14
802	Anisotropic magnetic moments in. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 83-86.	2.8	4
803	Life of the nodal quasiparticles in Bi-2212 as seen by ARPES. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 201-207.	4.7	5
804	Nuclear-Magnetic-Resonance Evidence for Charge Inhomogeneity in Stripe Ordered La <sub>1.8</sub> Eu <sub>0.2</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>Physical Review Letters</i> , 2006, 96, .	8.2	26
805	Constituents of the Quasiparticle Spectrum Along the Nodal Direction of High-Tc Cuprates. <i>Physical Review Letters</i> , 2006, 97, .	8.2	91
806	Magnetism of hole-doped CuO <sub>2</sub> spin chains in Sr <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> : Experimental and numerical results. <i>Physical Review B</i> , 2006, 73, .	3.4	38
807	Unadulterated spectral function of low-energy quasiparticles in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . <i>Physical Review B</i> , 2006, 74, .	3.4	13
808	Unidirectional diagonal order and three-dimensional stacking of charge stripes in orthorhombic Pr <sub>1.67</sub> Sr <sub>0.33</sub> NiO <sub>4</sub> and Nd <sub>1.67</sub> Sr <sub>0.33</sub> NiO <sub>4</sub> . <i>Physical Review B</i> , 2006, 74, .	3.4	34
809	Magnetic properties of vanadium oxide nanotubes probed by static magnetization and <sup>51</sup> V NMR. <i>Physical Review B</i> , 2006, 73, .	3.4	45
810	Antiferromagnetic dimers of Ni(II) in the S=1 spin-ladder Na <sub>2</sub> Ni <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> . <i>Physical Review B</i> , 2006, 73, .	3.4	24

#	ARTICLE	IF	PR CITATIONS
811	Charge density waves in Sr <sub>1-x</sub> Ca <sub>x</sub> Cu <sub>2</sub> O <sub>4</sub> : Electron correlations versus structural effects. Physical Review B, 2006, 73, .	3.4	8
812	Reevaluation of the coupling to a bosonic mode of the charge carriers in (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> at the antinodal point. Physical Review B, 2006, 74, .	3.4	21
813	Structural modulations in Sr <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> and their relation to charge ordering. Physical Review B, 2006, 73, .	3.4	13
814	Stripe Correlations in Na <sub>0.75</sub> CoO <sub>2</sub> . Physical Review Letters, 2006, 97, .	8.2	21
815	Parity of the Pairing Bosons in a High-Temperature Pb <sub>1-x</sub> Bi <sub>2x</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> Bilayer Superconductor by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2006, 96, .	8.2	28
816	Orbital degree of freedom in single-layered La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>4</sub> : Doping- and temperature-dependent rearrangement of orbital states. Physical Review B, 2006, 74, .	3.4	15
817	Quenched charge disorder in CuO <sub>2</sub> spin chains: Experimental and numerical studies. Physical Review B, 2006, 73, .	3.4	12
818	Pressure-induced melting of the orbital polaron lattice in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Physical Review B, 2006, 73, .	3.4	14
819	Charge order and dimer formation in the Cu (S=1/2) spin chains of Sr <sub>13</sub> LaCu <sub>24</sub> O <sub>41</sub> . Journal of Magnetism and Magnetic Materials, 2005, 290-291, 338-340.	2.8	2
820	Heat transport in doped $\langle \text{mml:math altimg="si13.gif" overflow="scroll"} \rangle$ <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" mml:math altimg="si8.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"</small>	2.8	18
821	Magnetism of low-doped spin chains in $\langle \text{mml:math altimg="si39.gif" overflow="scroll"} \rangle$ <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"</small>	2.8	19
822	<small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"</small>	2.8	7
823	Ferromagnetic filled carbon nanotubes and nanoparticles: synthesis and lipid-mediated delivery into human tumor cells. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 276-278.	2.8	93
824	Phonon thermal conductivity in single layered manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 937-939.	2.8	4
825	Correlated magnetism in low-doped manganites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 940-943.	2.8	1
826	Temperature driven orbital redistribution in LaSrMnO. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 944-947.	2.8	7
827	Field dependence of colossal magnetoresistance in magnetic fields up to 50T. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 416-419.	2.8	13
828	Tailoring carbon nanostructures via temperature and laser irradiation. Chemical Physics Letters, 2005, 407, 254-259.	2.8	36

#	ARTICLE	IF	PR CITATIONS
829	Existence of orbital polarons in ferromagnetic insulating $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.11 $\leq x \leq$ 0.14) revealed by giant phonon softening. <i>Physical Review B</i> , 2005, 71, .	3.4	32
830	Nature of low-temperature phase transitions in $\text{CaMn}_7\text{O}_{12}$ . <i>JETP Letters</i> , 2005, 82, 444-446.	1.4	18
831	NMR in pulsed high magnetic fields at 1.3GHz. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 438-441.	2.8	19
832	Modeling the thermal part of pulse modulated photoacoustic effect on leaves. <i>European Physical Journal Special Topics</i> , 2005, 125, 697-699.	0.3	0
833	Crystal and magnetic structure of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ : Role of the orbital degree of freedom. <i>Physical Review B</i> , 2005, 71, .	3.4	51
834	Weak ferromagnetic spin and charge stripe order in $\text{La}_{5-x}\text{Sr}_x\text{NiO}_4$ . <i>Physical Review B</i> , 2005, 72, .	3.4	43
835	Electronic structure of the trimetal nitride fullerene $\text{Dy}_3\text{N}@C_{80}$ . <i>Physical Review B</i> , 2005, 72, .	3.4	31
836	Orbiton-mediated multiphonon scattering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review B</i> , 2005, 72, .	3.4	22
837	Magnetization of hole-doped $\text{CuO}_2$ spin chains in $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ . <i>Physical Review B</i> , 2005, 72, .	3.4	13
838	Influence of the $\text{C}_{60}$ filling on the nature of the metallic ground state in intercalated peapods. <i>Physical Review B</i> , 2005, 72, .	3.4	20
839	Orbital Polaron Lattice Formation in Lightly Doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review Letters</i> , 2005, 95, .	8.2	45
840	Structural, optical, and electronic properties of vanadium oxide nanotubes. <i>Physical Review B</i> , 2005, 72, .	3.4	34
841	Novel Catalysts, Room Temperature, and the Importance of Oxygen for the Synthesis of Single-Walled Carbon Nanotubes. <i>Nano Letters</i> , 2005, 5, 1209-1215.	8.7	124
842	On the effects of solution and reaction parameters for the aerosol-assisted CVD growth of long carbon nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 82, 719-725.	2.6	26
843	Phase diagrams of $(\text{La}, \text{Y}, \text{Sr}, \text{Ca})_{14}\text{Cu}_{24}\text{O}_{41}$ : Switching between the ladders and the chains. <i>European Physical Journal Special Topics</i> , 2005, 131, 299-304.	0.3	3
844	Modeling photoacoustic pulse measurements of oxygen evolution and carbon dioxide uptake in leaves during photosynthesis. <i>European Physical Journal Special Topics</i> , 2005, 125, 701-703.	0.3	0
845	Magnon-Hole Scattering and Charge Order in $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ . <i>Physical Review Letters</i> , 2004, 93, .	8.2	55
846	Manifestation of the Magnetic Resonance Mode in the Nodal Quasiparticle Lifetime of the Superconducting Cuprates. <i>Physical Review Letters</i> , 2004, 92, .	8.2	45

#	ARTICLE	IF	PR CITATIONS
847	Strong dependence of the interlayer coupling on the hole mobility in antiferromagnetic $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ ( $x < 0.02$ ). <i>Physical Review B</i> , 2004, 70, .	3.4	15
848	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, .	3.4	28
849	Thermal conductivity of doped $\text{La}_2\text{CuO}_4$ as an example for heat transport by optical phonons in complex materials. <i>European Physical Journal B</i> , 2004, 38, 37-41.	1.6	19
850	Rearrangement of the orbital-ordered state at the metal-insulator transition of $\text{La}_{7/8}\text{Sr}_{1/8}\text{MnO}_3$ . <i>Physical Review B</i> , 2004, 69, .	3.4	45
851	Growth of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ single crystals and characterization by scattering techniques. <i>Journal of Crystal Growth</i> , 2003, 249, 222-229.	1.9	47
852	High-pressure $\mu\text{SR}$ studies on $\text{La}_{1.65}\text{Eu}_{0.20}\text{Sr}_{0.15}\text{CuO}_4$ . <i>Physica B: Condensed Matter</i> , 2003, 326, 325-328.	2.8	2
853	The interplay of charge order and magnetism in the one-dimensional quantum spin system $\text{Sr}_{14}\text{Cu}_{24}\text{O}_{41}$ . <i>Physica B: Condensed Matter</i> , 2003, 326, 440-445.	2.8	3
854	Magnetism of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ as revealed by $\mu\text{SR}$ . <i>Physica B: Condensed Matter</i> , 2003, 326, 505-508.	2.8	14
855	Evidence for Jahn-Teller Distortions at the Antiferromagnetic Transition in $\text{LaTiO}_3$ . <i>Physical Review Letters</i> , 2003, 91, .	8.2	80
856	Local structure of $\text{La}_{1.65}\text{Eu}_{0.2}\text{Sr}_{0.15}\text{CuO}_4$ determined by $^{63}\text{Cu}$ NMR spectroscopy and Van Vleck paramagnetism of $\text{Eu}^{3+}$ ions. <i>Physical Review B</i> , 2003, 67, .	3.4	18
857	Phonon thermal conductivity in doped $\text{La}_2\text{CuO}_4$ : Relevant scattering mechanisms. <i>Physical Review B</i> , 2003, 68, .	3.4	29
858	Experimental evidence for a glass forming stripe liquid in the magnetic ground state of $\text{La}_{1.65}\text{Eu}_{0.2}\text{Sr}_{0.15}\text{CuO}_4$ . <i>Physical Review B</i> , 2003, 68, .	3.4	21
859	Magnon Heat Transport in Doped $\text{La}_2\text{CuO}_4$ . <i>Physical Review Letters</i> , 2003, 90, .	8.2	97
860	Magnetism and the charge order transition in lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review B</i> , 2002, 65, .	3.4	51
861	Antiferromagnetic order of effective Zn moments in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ ( $x < 0.03$ ). <i>Physical Review B</i> , 2002, 65, .	3.4	11
862	Anisotropic CE-type orbital correlations in the ferromagnetic metallic phase of $\text{Nd}_{1/2}\text{Sr}_{1/2}\text{MnO}_3$ . <i>Physical Review B</i> , 2002, 66, .	3.4	35
863	Strong spin-wave anomalies in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ , $x = 0.125$ . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1790-s1792.	2.6	0
864	Magnon hole scattering in $(\text{Sr,Ca,Lu})_{14}\text{Cu}_{24}\text{O}_{41}$ . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 612-613.	2.8	15

#	ARTICLE	IF	PR CITATIONS
865	ESR study of (Sr,La,Ca) <sub>1-x</sub> Cu <sub>2</sub> O <sub>4</sub> . Physica B: Condensed Matter, 2002, 312-313, 614-616.	2.8	1
866	Ising magnets with mobile defects. European Physical Journal B, 2002, 30, 83-92.	1.6	19
867	Magnon heat transport in (Sr,Ca,La) <sub>1-x</sub> Cu <sub>2</sub> O <sub>4</sub> . Physical Review B, 2001, 64, .	3.4	209
868	Title is missing!. Hyperfine Interactions, 2001, 136/137, 711-715.	0.8	4
869	Title is missing!. Hyperfine Interactions, 2001, 133, 203-206.	0.8	1
870	Thermal conductivity and thermal Hall effect in Bi- and Y-based high-T <sub>c</sub> superconductors. European Physical Journal B, 2001, 20, 189-208.	1.6	16
871	Interplay of spin and charge dynamics in Sr <sub>1-x</sub> Ca <sub>x</sub> Cu <sub>2</sub> O <sub>4</sub> . Physical Review B, 2001, 64, .	3.4	45
872	Magnetotransport studies and mechanism of Ho- and Y-doped La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . Physical Review B, 2001, 63, .	3.4	44
873	Evidence for canted antiferromagnetism in lightly doped La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Physical Review B, 2001, 64, .	3.4	27
874	Observation of Two-Magnon Bound States in the Two-Leg Ladders of (Ca,La) <sub>1-x</sub> Cu <sub>2</sub> O <sub>4</sub> . Physical Review Letters, 2001, 87, .	8.2	99
875	Strong Anisotropy of Superexchange in the Copper-Oxygen Chains of La <sub>1-x</sub> Ca <sub>x</sub> Cu <sub>2</sub> O <sub>4</sub> . Physical Review Letters, 2001, 86, 2882-2885.	8.2	47
876	Anisotropic antiferromagnetism in Ca <sub>9</sub> La <sub>5</sub> Cu <sub>2</sub> O <sub>4</sub> . Physica C: Superconductivity and Its Applications, 2000, 341-348, 471-472.	0.9	0
877	The direct Cu NQR study of the stripe phase in the lanthanum cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1755-1758.	0.9	2
878	Physics of grain boundaries in the colossal magnetoresistance manganites. Journal of Magnetism and Magnetic Materials, 2000, 211, 150-159.	2.8	183
879	Inhomogeneous Low Frequency Spin Dynamics in La <sub>1.65</sub> Eu <sub>0.2</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . Physical Review Letters, 2000, 85, 642-645.	8.2	132
880	Voltage and temperature dependence of the grain boundary tunneling magnetoresistance in manganites. Europhysics Letters, 2000, 50, 681-687.	2.1	71
881	Spin dynamics in the low-temperature tetragonal phase of $\delta = 0.18$ doped single crystal La <sub>1.67</sub> Eu <sub>0.2</sub> Sr <sub>0.13</sub> CuO <sub>4</sub> . Physical Review B, 2000, 61, R9265-R9268.	3.4	36
882	Thermodynamics of the low-temperature structural transition in rare-earth-doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Physical Review B, 2000, 62, 3704-3708.	3.4	6

#	ARTICLE	IF	PR CITATIONS
883	Cu NQR Study of the Stripe Phase Local Structure in the Lanthanum Cuprates. Physical Review Letters, 2000, 84, 2949-2952.	8.2	44
884	Interplay between magnetism, charge localization, and structure in $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ . Physical Review B, 2000, 62, 8630-8633.	3.4	31
885	Ising-like antiferromagnetism in $\text{Ca}_9\text{La}_5\text{Cu}_{24}\text{O}_{41}$ . Physical Review B, 2000, 62, R3592-R3595.	3.4	22
886	From Antiferromagnetic Order to Static Magnetic Stripes: The Phase Diagram of $(\text{La},\text{Eu})_{2-x}\text{Sr}_x\text{CuO}_4$ . Physical Review Letters, 2000, 85, 4590-4593.	8.2	121
887	On the nature of grain boundaries in the colossal magnetoresistance manganites. Europhysics Letters, 1999, 47, 371-377.	2.1	119
888	4f-spin dynamics in $\text{La}_{2-x}\text{Sr}_x\text{Nd}_y\text{CuO}_4$ . Physical Review B, 1999, 60, 9793-9800.	3.4	14
889	Phonon thermal conductivity and stripe correlations in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ and $\text{Sr}_{1.5}\text{La}_{0.5}\text{MnO}_4$ . Physical Review B, 1999, 59, R10397-R10400.	3.4	26
890	Separation of Quasiparticle and Phononic Heat Currents in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . Physical Review Letters, 1999, 82, 2175-2178.	8.2	37
891	Interplay between Charge Order, Magnetism, and Structure in $\text{La}_{0.875}\text{Sr}_{0.125}\text{MnO}_3$ . Physical Review Letters, 1999, 82, 185-188.	8.2	126
892	Pressure dependence of the crystal structure of $\text{CuGeO}_3$ to 6.2 GPa by neutron diffraction. Physical Review B, 1999, 60, 9616-9622.	3.4	13
893	Mobility of holes and suppression of antiferromagnetic order in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physical Review B, 1999, 59, R725-R728.	3.4	60
894	Local magnetic and structural properties of the low-temperature orthorhombic to low-temperature tetragonal transition: $\mu\text{SR}$ study in lightly hole-doped $\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_4$ . Physical Review B, 1999, 59, R3952-R3955.	3.4	19
895	Spin-Peierls order parameter and antiferromagnetism in the dimerized and incommensurate phases of Zn-doped $\text{CuGeO}_3$ . Physical Review B, 1999, 59, 6886-6907.	3.4	12
896	Lattice dimerization in the spin-Peierls compound $\text{CuGeO}_3$ . Physica B: Condensed Matter, 1999, 259-261, 956-957.	2.8	14
897	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 383-387.	1.2	0
898	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1453-1457.	1.2	0
899	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1083-1087.	1.2	4
900	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 723-727.	1.2	1

#	ARTICLE	IF	PR CITATIONS
901	The charge ordered phase in studied by means of high energy X-ray diffraction. European Physical Journal B, 1999, 8, 5-8.	1.6	23
902	$\frac{1}{4}$ SR on La <sub>2-x</sub> RE <sub>x</sub> SrCuO <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 1998, 177-181, 545-546.	2.8	6
903	Magnetic properties of the CuO <sub>2</sub> planes in the low-temperature tetragonal phase of Eu-doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 1998, 177-181, 539-540.	2.8	0
904	Magnetic order in La <sub>2-x</sub> Eu <sub>x</sub> SrCuO <sub>4</sub> studied [2pt] by Fe Mössbauer spectroscopy. European Physical Journal B, 1998, 6, 313-315.	1.6	2
905	Consequences of stripe order for the transport properties of rare earth doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Journal of Physics and Chemistry of Solids, 1998, 59, 1821-1824.	4.7	27
906	Stripe correlations of spins and holes and phonon heat transport in doped La <sub>2-x</sub> CuO <sub>4</sub> . Europhysics Letters, 1998, 44, 335-340.	2.1	33
907	Reply to "Comment on "Tilting of the CuO <sub>6</sub> octahedra in La <sub>1.83-x</sub> Eu <sub>0.17</sub> Sr <sub>x</sub> CuO <sub>4</sub> as seen by <sup>151</sup> Eu Mössbauer spectroscopy". Physical Review B, 1998, 57, 8036-8037.	3.4	1
908	Thermopower and anomalous heat transport in La <sub>0.85</sub> Sr <sub>0.15</sub> MnO <sub>3</sub> . Physical Review B, 1998, 57, R5571-R5574.	3.4	40
909	Incommensurate Phase of CuGeO <sub>3</sub> : From Solitons to Sinusoidal Modulation. Physical Review Letters, 1998, 81, 148-151.	8.2	43
910	Magnetic properties of Eu-doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> studied by ESR. Physical Review B, 1998, 58, R11876-R11879.	3.4	30
911	Reexamination of the microscopic couplings of the quasi-one-dimensional antiferromagnet CuGeO <sub>3</sub> . Physical Review B, 1998, 57, 1102-1107.	3.4	87
912	Revival of the spin-Peierls transition in Cu <sub>1-x</sub> Zn <sub>x</sub> GeO <sub>3</sub> under pressure. Physical Review B, 1998, 57, 7749-7754.	3.4	10
913	Anharmonic structural behavior in CuGeO <sub>3</sub> . Physical Review B, 1998, 57, 11497-11503.	3.4	14
914	Specific heat, thermal expansion, and pressure dependencies of the transition temperatures of doped CuGeO <sub>3</sub> . Physical Review B, 1997, 56, R501-R504.	3.4	13
915	Temperature and magnetic-field dependence of the lattice constant in the spin-Peierls cuprate CuGeO <sub>3</sub> studied by capacitance dilatometry in fields up to 16 T. Physical Review B, 1997, 55, 5914-5928.	3.4	26
916	Slow antiferromagnetic dynamics in the low-temperature tetragonal phase of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> as revealed by ESR of Gd spin probes. Physical Review B, 1997, 55, R3394-R3397.	3.4	26
917	Magnetic order in La <sub>1.85-x</sub> Nd <sub>x</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> with 0.30 $\leq x \leq 0.60$ . Physical Review B, 1997, 55, R14761-R14764.	3.4	35
918	Title is missing!, 1997, 105, 107-112.		8

#	ARTICLE	IF	PR CITATIONS
919	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.	0.0	7
920	Enhanced $^{119}\text{Sn}$ Mössbauer quadrupole interactions below the magnetic phase transition of $\text{UPt}_2\text{Sn}$ . Physica B: Condensed Matter, 1997, 230-232, 95-97.	2.8	9
921	Thermal expansion, specific heat, and uniaxial pressure dependences of $T_c$ in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Physica C: Superconductivity and Its Applications, 1996, 262, 177-186.	0.9	14
922	The localized holes properties in LTO and LTT phases of lanthanum-strontrhium cuprates. Journal of Low Temperature Physics, 1996, 105, 407-412.	1.2	2
923	Spin dynamics in the LTT phase of La-Sr cuprates as revealed by ESR. Journal of Low Temperature Physics, 1996, 105, 449-454.	1.2	2
924	Transport properties of rare earth doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Journal of Low Temperature Physics, 1996, 105, 921-926.	1.2	4
925	Thermal properties at the low-temperature structural and magnetic phase transitions in $\text{Pr}_2\text{NiO}_4$ crystals. Physical Review B, 1996, 54, 9970-9976.	3.4	4
926	Tilting of the $\text{CuO}_6$ octahedra in $\text{La}_{1.83-x}\text{Eu}_{0.17}\text{Sr}_x\text{CuO}_4$ as seen by $^{151}\text{Eu}$ Mössbauer spectroscopy. Physical Review B, 1996, 54, R800-R803.	3.4	15
927	Magnetic Frustration Induced Formation of the Spin-Peierls Phase in $\text{CuGeO}_3$ : Experimental Evidence. Physical Review Letters, 1996, 77, 1624-1627.	8.2	35
928	Thermodynamic properties of the incommensurate phase of $\text{CuGeO}_3$ . Physical Review B, 1996, 54, R15610-R15613.	3.4	11
929	Wohleben effect in small grains of Bi-based high-temperature superconductors: evidence for intrinsic nature of spontaneous currents. Europhysics Letters, 1996, 35, 541-546.	2.1	13
930	X-ray and neutron diffraction studies of $\text{UPdSn}$ . Journal of Magnetism and Magnetic Materials, 1995, 151, 102-110.	2.8	11
931	Giant anomalies of the thermal expansion at the spin-Peierls transition in $\text{CuGeO}_3$ . Physical Review B, 1995, 51, 12884-12887.	3.4	73
932	Disappearance of superconductivity in overdoped $\text{La}_{1.15-x}\text{Pr}_{0.85}\text{Sr}_x\text{CuO}_4$ and the orthorhombic-tetragonal phase boundary. Physical Review B, 1994, 49, 9248-9251.	3.4	12
933	Critical Buckling for the Disappearance of Superconductivity in Rare-Earth-Doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physical Review Letters, 1994, 73, 1841-1844.	8.2	226
934	Superconducting/non-superconducting phase boundary in the low temperature tetragonal phase of (La,RE)-Sr-Cu-O. Journal of Low Temperature Physics, 1994, 95, 285-291.	1.2	21
935	Structure and superconductivity of rare earth doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 281-284.	0.9	8
936	Structure and superconductivity in $\text{La}_{1.15-x}\text{Pr}_{0.85}\text{Sr}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 345-346.	0.9	4

#	ARTICLE	IF	PR CITATIONS
937	Structural phase transitions in $\text{La}_{2-x}\text{RE}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 855-856.	0.9	5
938	Buckling of the $\text{CuO}_2$ planes and the electronic properties of doped $\text{La}_2\text{CuO}_4$ superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1227-1228.	0.9	3
939	Thermopower of rare earth doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 1319-1320.	0.9	3
940	Specific heat of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ in magnetic fields up to 16 Tesla. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1765-1766.	0.9	5
941	Thermal expansion of a $\text{La}_{1.87}\text{Sr}_{0.13}\text{CuO}_4$ single crystal at $T_c$ in high magnetic fields. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1931-1932.	0.9	1
942	Preparation and characterization of RE doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 1993, 208, 217-225.	0.9	35
943	$^{57}\text{Fe}$ and $^{119}\text{Sn}$ Mössbauer studies on $\text{La}_{1.25}\text{Nd}_{0.6}\text{Sr}_{0.15}\text{CuO}_4$ . European Physical Journal B, 1993, 92, 331-334.	0.6	18
944	Competition Between Structural and Superconducting Transition in (LaNd)-Sr-Cu-O. Europhysics Letters, 1993, 21, 953-958.	2.1	55
945	Coupling between superconductivity and structural deformation in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ ( $x \approx 0.13$ ). Physical Review B, 1993, 47, 12288-12291.	3.4	45
946	Inter- and intragranular effects in microwave absorption of (Bi, Pb) $_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ . Physica C: Superconductivity and Its Applications, 1991, 184, 165-171.	0.9	18
947	Low temperature phase transition and superconductivity in (Nd) $_{1-x}$ Sr $_x$ Cu $_1-y$ O. Physica C: Superconductivity and Its Applications, 1991, 185-189, 903-904.	0.9	72
948	Correlation of spectroscopic and superconducting properties of $\text{REBa}_2\text{Cu}_3\text{O}_{7-x}$ with the rare earth ionic radius. Solid State Communications, 1990, 73, 357-361.	2.4	30