Ferenc Simon

List of Publications by Year
in descending order

160 papers	3,272 citations	249298 26 h-index	206121 51 g-index
166 all docs	166 docs citations	166 times ranked	3858 citing authors

#	Article	IF	Citations
1	An Implantable Magneto-Responsive Poly(aspartamide) Based Electrospun Scaffold for Hyperthermia Treatment. Nanomaterials, 2022, 12, 1476.	1.9	7
2	Optimization of Chromium-Doped Zinc Gallate Nanocrystals for Strong Near-Infrared Emission by Annealing. ACS Applied Nano Materials, 2022, 5, 8950-8961.	2.4	5
3	Interface Amorphization of Twoâ€Đimensional Black Phosphorus upon Treatment with Diazonium Salts. Chemistry - A European Journal, 2021, 27, 3361-3366.	1.7	15
4	Enhancement of X-ray-Excited Red Luminescence of Chromium-Doped Zinc Gallate via Ultrasmall Silicon Carbide Nanocrystals. Chemistry of Materials, 2021, 33, 2457-2465.	3.2	9
5	Non-exponential magnetic relaxation in magnetic nanoparticles for hyperthermia. Journal of Magnetism and Magnetic Materials, 2021, 526, 167682.	1.0	5
6	Entropy in Spin Relaxation, Spintronics, and Magnetic Resonance. Physica Status Solidi (B): Basic Research, 2020, 257, 2000301.	0.7	3
7	Incidence of Quantum Confinement on Dark Triplet Excitons in Carbon Nanotubes. ACS Nano, 2020, 14, 11254-11261.	7.3	9
8	High-Performance n-type SnSe Thermoelectric Polycrystal Prepared by Arc-Melting. Cell Reports Physical Science, 2020, 1, 100263.	2.8	23
9	Opticalâ€“Microwave Pumpâ€“Probe Studies of Electronic Properties in Novel Materials. Physica Status Solidi (B): Basic Research, 2020, 257, 2000298.	0.7	0
10	Tuning Conductivity and Spin Dynamics in Fewâ€Layer Graphene via In Situ Potassium Exposure. Physica Status Solidi (B): Basic Research, 2020, 257, 2000368.	0.7	1
11	Ultralong Spin Lifetime in Light Alkali Atom Doped Graphene. ACS Nano, 2020, 14, 7492-7501.	7.3	8
12	Room-Temperature Defect Qubits in Ultrasmall Nanocrystals. Journal of Physical Chemistry Letters, 2020, 11, 1675-1681.	2.1	25
13	Fundamental Insights into the Covalent Silane Functionalization of NiFe Layered Double Hydroxides. Chemistry - A European Journal, 2020, 26, 6504-6517.	1.7	12
14	Fewâ€layer Black Phosphorous Catalyzes Radical Additions to Alkenes Faster than Lowâ€valence Metals. ChemCatChem, 2020, 12, 2226-2232.	1.8	14
15	Generic phase diagram of spin relaxation in solids and the Loschmidt echo. Physical Review Research, 2020, 2, .	1.3	3
16	Improved Alkali Intercalation of Carbonaceous Materials in Ammonia Solution. Physica Status Solidi (B): Basic Research, 2019, 256, 1900324.	0.7	4
17	A highly accurate determination of absorbed power during magnetic hyperthermia. Journal Physics D: Applied Physics, 2019, 52, 375401.	1.3	8
18	Nuclear spin-lattice relaxation time in TaP and the Knight shift of Weyl semimetals. Physical Review B, 2019, 99, .	1.1	19

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19	Small Wavevectorâ€“Dependent Spin Susceptibility in Weyl Semimetals. Physica Status Solidi (B): Basic Research, 2019, 256, 1900219.	0.7	0
20	Ultrafast sensing of photoconductivity decay using microwave resonators. Journal of Applied Physics, 2019, 126, .	1.1	3
21	Characterizing the maximum number of layers in chemically exfoliated graphene. Scientific Reports, 2019, 9, 19480.	1.6	14
22	Improved Laserâ€Based Photoluminescence on Singleâ€Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2019, 256, 1900235.	0.7	0
23	Improved Laserâ€Based Photoluminescence on Singleâ€Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2019, 256, 1970045.	0.7	0
24	A highly accurate measurement of resonator Q-factor and resonance frequency. Review of Scientific Instruments, 2018, 89, 113903.	0.6	10
25	Electronic Properties of Airâ€Sensitive Nanomaterials Probed with Microwave Impedance Measurements. Physica Status Solidi (B): Basic Research, 2018, 255, 1800250.	0.7	2
26	Heating Causes Nonlinear Microwave Absorption Anomaly in Singleâ€Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2018, 255, 1800258.	0.7	2
27	Giant microwave absorption in fine powders of superconductors. Scientific Reports, 2018, 8, 11480.	1.6	5
28	Non-calorimetric determination of absorbed power during magnetic nanoparticle based hyperthermia. Scientific Reports, 2018, 8, 12667.	1.6	11
29	An optically detected magnetic resonance spectrometer with tunable laser excitation and wavelength resolved infrared detection. Review of Scientific Instruments, 2017, 88, 013902.	0.6	7
30	Arrayed Arrangement of13C Isotopes During the Growth of Inner Single-Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2017, 254, 1700217.	0.7	1
31	Spin-relaxation time in materials with broken inversion symmetry and large spin-orbit coupling. Scientific Reports, 2017, 7, 9949.	1.6	13
32	Doped carbon nanotubes as a model system of biased graphene. Physical Review B, 2017, 96, .	1.1	11
33	Electronic and Magnetic Properties of Black Phosphorus. Physica Status Solidi (B): Basic Research, 2017, 254, 1700232.	0.7	17
34	Intuitive approach to the unified theory of spin relaxation. Physical Review B, 2017, 96, .	1.1	12
35	Anomalous hyperfine coupling and nuclear magnetic relaxation in Weyl semimetals. Physical Review B, 2016, 94, .	1.1	24
36	Controlled Isotope Arrangement in ¹³C Enriched Carbon Nanotubes. Journal of Physical Chemistry C, 2016, 120, 29520-29524.	1.5	5

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37	The Elliott-Yafet theory of spin relaxation generalized for large spin-orbit coupling. Scientific Reports, 2016, 6, 22706.	1.6	19
38	Potassium intercalated multiwalled carbon nanotubes. Carbon, 2016, 105, 90-95.	5.4	15
39	Anisotropic Elliottâ€“Yafet theory and application to KC₈ potassium intercalated graphite. Physica Status Solidi (B): Basic Research, 2016, 253, 2505-2508.	0.7	1
40	Electronic and ionic conductivities in superionic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>4</mml:mn></mml:m mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	1.1	6
41	A time domain based method for the accurate measurement of Q-factor and resonance frequency of microwave resonators. Review of Scientific Instruments, 2015, 86, 094702.	0.6	12
42	Unusual spin dynamics in topological insulators. Scientific Reports, 2015, 5, 14844.	1.6	6
43	A Fourier transform Raman spectrometer with visible laser excitation. Journal of Raman Spectroscopy, 2015, 46, 327-332.	1.2	18
44	Transport, magnetic and vibrational properties of chemically exfoliated few-layer graphene. Physica Status Solidi (B): Basic Research, 2015, 252, 2438-2443.	0.7	5
45	Toward Synthesis and Characterization of Unconventional C₆₆ and C₆₈ Fullerenes inside Carbon Nanotubes. Journal of Physical Chemistry C, 2014, 118, 30260-30268.	1.5	6
46	Empirical Monod-Beuneu relation of spin relaxation revisited for elemental metals. Physical Review B, 2014, 89, .	1.1	2
47	Floquet topological insulators. Physica Status Solidi - Rapid Research Letters, 2013, 7, 101-108.	1.2	377
48	A unified theory of spin-relaxation due to spin-orbit coupling in metals and semiconductors. Scientific Reports, 2013, 3, 3233.	1.6	56
49	Magnetoelastic coupling in strained La0.7Ca0.3MnO3//BaTiO3 Thin Films. Materials Research Society Symposia Proceedings, 2013, 1587, 1.	0.1	0
50	Observation of conduction electron spin resonance in boron-doped diamond. Physical Review B, 2013, 87, .	1.1	13
51	Magnetoelastic coupling in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	7
52	Testing the Elliott-Yafet spin-relaxation mechanism in KC8: A model system of biased graphene. Physical Review B, 2012, 85, .	1.1	14
53	On the low temperature microwave absorption anomaly in singleâ€wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2012, 249, 2487-2490.	0.7	5
54	Ferromagnetic decoration in metalâ€“semiconductor separated and ferrocene functionalized singleâ€walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2012, 249, 2323-2327.	0.7	5

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55	A detailed analysis of the Raman spectra in superconducting boron doped nanocrystalline diamond. Physica Status Solidi (B): Basic Research, 2012, 249, 2656-2659.	0.7	38
56	Optically Engineering the Topological Properties of a Spin Hall Insulator. Physical Review Letters, 2012, 108, 056602.	2.9	178
57	High resolution Xâ€ray absorption on metallicity selected C₆₀ peapods, singleâ€ and double walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2544-2547.	0.7	1
58	Adaptation of a commercial Raman spectrometer for multiline and broadband laser operation. Physica Status Solidi (B): Basic Research, 2011, 248, 2581-2584.	0.7	4
59	Density of states deduced from ESR measurements on lowâ€dimensional nanostructures; benchmarks to identify the ESR signals of graphene and SWCNTs. Physica Status Solidi (B): Basic Research, 2011, 248, 2688-2691.	0.7	16
60	Theory and model analysis of spin relaxation time in graphene â€" Could it be used for spintronics?. Physica Status Solidi (B): Basic Research, 2011, 248, 2631-2634.	0.7	11
61	Disentanglement of the unoccupied electronic structure in metallic and semiconductingC60peapods. Physical Review B, 2011, 83, .	1.1	7
62	Enhanced NMR Relaxation of Tomonaga-Luttinger Liquids and the Magnitude of the Carbon Hyperfine Coupling in Single-Wall Carbon Nanotubes. Physical Review Letters, 2011, 107, 187204.	2.9	9
63	A broadband and high throughput single-monochromator Raman spectrometer: Application for single-wall carbon nanotubes. Review of Scientific Instruments, 2011, 82, 023905.	0.6	15
64	Electron spin resonance from semiconductorâ€"metal separated SWCNTs. Physica Status Solidi (B): Basic Research, 2010, 247, 2851-2854.	0.7	9
65	Hyperfine interaction in graphene: The relevance for spintronics. Physica Status Solidi (B): Basic Research, 2010, 247, 2935-2940.	0.7	12
66	Raman response from doubleâ€wall carbon nanotubes based on metallicity selected host SWCNTs. Physica Status Solidi (B): Basic Research, 2010, 247, 2880-2883.	0.7	2
67	unusual Raman dispersion for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>D</mml:mi></mml:mrow></mml:math>lines in high-curvature single-walled carbon nanotubes revealed by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub>	1.1	8
68	Directionally controlled superconductivity in ferromagnet/superconductor/ferromagnet trilayers with biaxial easy axes. Physical Review B, 2010, 81, .	1.1	15
69	Theoretical model for the low-temperature ordering of Pr in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>PrBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2010, 82, .	1.1	7
70	Magnetic memory based on La0.7Ca0.3MnO3/YBa2Cu3O7/La0.7Ca0.3MnO3 ferromagnet/superconductor hybrid structures. Applied Physics Letters, 2010, 97, 032501.	1.5	16
71	Incidence of the Tomonaga-Luttinger liquid state on the NMR spin-lattice relaxation in carbon nanotubes. Europhysics Letters, 2010, 90, 17004.	0.7	20
72	Electron spin dynamics and electron spin resonance in graphene. Europhysics Letters, 2010, 92, 17002.	0.7	24

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73	Metallic behavior in the potassium-doped fullerene-cubane copolymer. Physical Review B, 2009, 80, .	1.1	2
74	Electron-Spin Dynamics in Strongly Correlated Metals. Physical Review Letters, 2009, 102, 137001.	2.9	12
75	Singleâ€wall carbon nanotubes: spintronics in the Luttinger liquid phase. Physica Status Solidi (B): Basic Research, 2009, 246, 2744-2749.	0.7	0
76	Identifying the electron spin resonance of conduction electrons in alkali doped SWCNTs. Physica Status Solidi (B): Basic Research, 2009, 246, 2760-2763.	0.7	15
77	Unusual Hyperfine Interaction of Dirac Electrons and NMR Spectroscopy in Graphene. Physical Review Letters, 2009, 102, 197602.	2.9	24
78	A detailed comparison of CVD grown and precursor based DWCNTs. Physica Status Solidi (B): Basic Research, 2008, 245, 1943-1946.	0.7	10
79	Infrared microreflectance study of the pressure effect on the structural properties of magnetically aligned singleâ€wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2008, 245, 2288-2291.	0.7	2
80	Lutherâ€Emery liquid in the NMR relaxation rate of carbon nanotubes. Physica Status Solidi (B): Basic Research, 2008, 245, 2159-2163.	0.7	2
81	Electron spin resonance in alkali doped SWCNTs. Physica Status Solidi (B): Basic Research, 2008, 245, 1975-1978.	0.7	10
82	Stability and electronic properties of magnetic peapods. Physica Status Solidi (B): Basic Research, 2008, 245, 2034-2037.	0.7	7
83	Raman scattering from doubleâ€walled carbon nanotubes. Journal of Raman Spectroscopy, 2008, 39, 134-140.	1.2	26
84	Enhanced thermal stability and spin-lattice relaxation rate of N@<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>C</mml:mtext><mml:mrow><mml:mn>60</mml:mn></mml:mrow></mml:msu carbon nanotubes. Physical Review B, 2008, 77, .	1.1	20
85	Thickness Dependent Magnetic Anisotropy of Ultrathin LCMO Epitaxial Thin Films. IEEE Transactions on Magnetics, 2008, 44, 2926-2929.	1.2	13
86	Intershell interaction in double walled carbon nanotubes: Charge transfer and orbital mixing. Physical Review B, 2008, 77, .	1.1	61
87	Structure and properties of the stable two-dimensional conducting polymer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Mg</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	1.1	15
88	Generalized Elliott-Yafet Theory of Electron Spin Relaxation in Metals: Origin of the Anomalous Electron Spin Lifetime inMgB2. Physical Review Letters, 2008, 101, 177003.	2.9	16
89	Electron Spin Resonance Signal of Luttinger Liquids and Single-Wall Carbon Nanotubes. Physical Review Letters, 2008, 101, 106408.	2.9	35
90	Inhomogeneity ofC13isotope distribution in isotope engineered carbon nanotubes: Experiment and theory. Physical Review B, 2007, 75, .	1.1	21

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91	Spin excitations in the antiferromagnetNaNiO2. Physical Review B, 2007, 75, .	1.1	13
92	Spin Gap and Luttinger Liquid Description of the NMR Relaxation in Carbon Nanotubes. Physical Review Letters, 2007, 99, 166402.	2.9	44
93	Spin-lattice relaxation time of conduction electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Mg</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	4
94	Studying Single-Wall Carbon Nanotubes Through Encapsulation: From Optical Methods Till Magnetic Resonance. Journal of Nanoscience and Nanotechnology, 2007, 7, 1197-1220.	0.9	7
95	Isotope-Engineered Single-Wall Carbon Nanotubes; A Key Material for Magnetic Studies. Journal of Physical Chemistry C, 2007, 111, 4094-4098.	1.5	50
96	Raman scattering from nanomaterials encapsulated into single wall carbon nanotubes. Journal of Raman Spectroscopy, 2007, 38, 704-713.	1.2	18
97	Fullerene release from the inside of carbon nanotubes: A possible route toward drug delivery. Chemical Physics Letters, 2007, 445, 288-292.	1.2	47
98	Fullerene derivatives encapsulated in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 4074-4077.	0.7	5
99	The fulleride polymer Mg5C60. Physica Status Solidi (B): Basic Research, 2007, 244, 3853-3856.	0.7	8
100	The effects of inhomogeneous isotope distribution on the vibrational properties of isotope enriched double walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 4257-4260.	0.7	0
101	Curvature effects in the D* band of small diameter carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 4261-4264.	0.7	3
102	Metallic bundles of single-wall carbon nanotubes probed by electron spin resonance. Physica Status Solidi (B): Basic Research, 2007, 244, 3885-3889.	0.7	4
103	Detailed analysis of the Raman response ofn-doped double-wall carbon nanotubes. Physical Review B, 2006, 74, .	1.1	33
104	Semiconductor-to-metal transition of double walled carbon nanotubes induced by inter-shell interaction. Physica Status Solidi (B): Basic Research, 2006, 243, 3476-3479.	0.7	30
105	Tubeâ€“tube interaction in double-wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2006, 243, 3268-3272.	0.7	28
106	Encapsulating C59N azafullerenes inside single-wall carbon nanotubes. Physica Status Solidi (B): Basic Research, 2006, 243, 3263-3267.	0.7	7
107	NMR study of spin excitations in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2006, 243, 3111-3116.	0.7	4
108	Electron spin resonance of single-walled carbon nanotubes and related structures. Physica Status Solidi (B): Basic Research, 2006, 243, 3106-3110.	0.7	34

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109	Far- and mid-infrared anisotropy of magnetically aligned single-wall carbon nanotubes studied with synchrotron radiation. Infrared Physics and Technology, 2006, 49, 35-38.	1.3	5
110	Encapsulating C59N azafullerene derivatives inside single-wall carbon nanotubes. Carbon, 2006, 44, 1958-1962.	5.4	34
111	Growth of single wall carbon nanotubes from 13C isotope labelled organic solvents inside single wall carbon nanotube hosts. Chemical Physics Letters, 2006, 425, 85-88.	1.2	24
112	Temperature dependence of the optical excitation lifetime and band gap in chirality assigned semiconducting single-wall carbon nanotubes. Physical Review B, 2006, 74, .	1.1	26
113	Magnetic Fullerenes inside Single-Wall Carbon Nanotubes. Physical Review Letters, 2006, 97, 136801.	2.9	58
114	RAMAN SCATTERING OF CARBON NANOTUBES. , 2006, , 89-120.		2
115	Highly 13C isotope enriched azafullerene, C59N, for nuclear spin labelling. Chemical Physics Letters, 2005, 404, 85-89.	1.2	3
116	Highly perfect inner tubes in CVD grown double-wall carbon nanotubes. Chemical Physics Letters, 2005, 413, 506-511.	1.2	13
117	Fine structure of the radial breathing mode of double-wall carbon nanotubes. Physical Review B, 2005, 72, .	1.1	111
118	Physics and Chemistry Inside Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 13, 179-188.	1.0	2
119	ESR spectrometer with a loop-gap resonator for cw and time resolved studies in a superconducting magnet. Journal of Magnetic Resonance, 2005, 173, 288-295.	1.2	6
120	Electron delocalization and dimerization in solid C59N doped C60 fullerene. AIP Conference Proceedings, 2005, , .	0.3	0
121	Reversible Hole Engineering for Single-Wall Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2005, 5, 1785-1791.	0.9	12
122	Raman Scattering And Electronic Properties Of The Cyclic Anthracene Tetramer (Picotube). AIP Conference Proceedings, 2005, , .	0.3	1
123	Carbon Nanotubes Investigated by N@C60 and N@C70 Spin Probes. AIP Conference Proceedings, 2005, , .	0.3	0
124	A comparative study of field emission from single- and double-wall carbon nanotubes and carbon peapods. AIP Conference Proceedings, 2005, , .	0.3	2
125	A Raman Map of the DWCNT RBM Region. AIP Conference Proceedings, 2005, , .	0.3	0
126	Raman Spectroscopy Of Boron Nitride Nanotubes And Boron Nitride â€" Carbon Composites. AIP Conference Proceedings, 2005, , .	0.3	5

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127	Heteronuclear carbon nanotubes. AIP Conference Proceedings, 2005, , .	0.3	0
128	Magnetic-field-induced density of states inMgB2: Spin susceptibility measured by conduction-electron spin resonance. Physical Review B, 2005, 72, .	1.1	9
129	Isotope Engineering of Carbon Nanotube Systems. Physical Review Letters, 2005, 95, 017401.	2.9	111
130	Resonance Raman scattering from phonon overtones in double-wall carbon nanotubes. Physical Review B, 2005, 71, .	1.1	51
131	Electron Delocalization and Dimerization in SolidC59NDopedC60Fullerene. Physical Review Letters, 2005, 94, 066603.	2.9	20
132	Diameter selective reaction processes of single-wall carbon nanotubes. Physical Review B, 2005, 71, .	1.1	40
133	NMR Evidence for Gapped Spin Excitations in Metallic Carbon Nanotubes. Physical Review Letters, 2005, 95, 236403.	2.9	71
134	The growth of nanophases in the clean room inside single-wall carbon nanotubes. Synthetic Metals, 2005, 155, 690-693.	2.1	2
135	Properties Of N@C60-Derived Peapods. AIP Conference Proceedings, 2004, , .	0.3	2
136	Interaction between Inner and Outer Tubes in DWCNTs. AIP Conference Proceedings, 2004, , .	0.3	0
137	Highly Diameter Selective 13C Enrichment in Carbon Nanotubes. AIP Conference Proceedings, 2004, , .	0.3	0
138	The Growth Process of Nanotubes in Nanotubes. AIP Conference Proceedings, 2004, , .	0.3	1
139	Interaction between concentric tubes in DWCNTs. European Physical Journal B, 2004, 42, 345-350.	0.6	51
140	A longitudinally detected high-field ESR spectrometer for the measurement of spinâ€“lattice relaxation times. Journal of Magnetic Resonance, 2004, 167, 221-227.	1.2	9
141	Low temperature fullerene encapsulation in single wall carbon nanotubes: synthesis of N@C60@SWCNT. Chemical Physics Letters, 2004, 383, 362-367.	1.2	122
142	Functionalization of carbon nanotubes. Synthetic Metals, 2004, 141, 113-122.	2.1	250
143	Electron spin relaxation in CMR manganites: absence of critical acceleration. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 256-258.	1.0	19
144	Electron spin resonance and relaxation studies of double-layered manganites. Physical Review B, 2003, 67, .	1.1	12

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145	Catalyst Free Growth of Single-Wall Carbon Nanotubes (SWCNTs). AIP Conference Proceedings, 2003, , .	0.3	0
146	Temperature Activated BN Substitution Of SWCNT. AIP Conference Proceedings, 2003, , .	0.3	0
147	Controlled Oxidation of Single-Wall Carbon Nanotubes: A Raman Study. AIP Conference Proceedings, 2003, , .	0.3	7
148	Production of C[sub 59]N:C[sub 60] solid solution. AIP Conference Proceedings, 2001, , .	0.3	0
149	Azafullerene C59N, a stable free radical substituent in crystalline C60. Chemical Physics Letters, 2001, 334, 233-237.	1.2	29
150	Comment on â€œLow Temperature Magnetic Instabilities in Triply Charged Fulleride Polymersâ€• Physical Review Letters, 2001, 87, 129703.	2.9	1
151	Anisotropy of SuperconductingMgB2as Seen in Electron Spin Resonance and Magnetization Data. Physical Review Letters, 2001, 87, 047002.	2.9	99
152	FehÃ©ret al.Reply:. Physical Review Letters, 2001, 87, .	2.9	0
153	Electron spin resonance of N@C[sub 60][sup 6â^'] in the fulleride salt Rb[sub 6]C[sub 60]. AIP Conference Proceedings, 2000, , .	0.3	0
154	Comment on â€œMagnetoresistance Anomalies in AntiferromagneticYBa2Cu3O6+x: Fingerprints of Charged Stripesâ€• Physical Review Letters, 2000, 85, 474-474.	2.9	13
155	Magnetic-Field-Induced Low-Energy Spin Excitations inYBa2Cu4O8Measured by High FieldGd3+Electron Spin Resonance. Physical Review Letters, 2000, 85, 5627-5630.	2.9	7
156	Magnetic resonance in the antiferromagnetic and normal state ofNH3K3C60. Physical Review B, 2000, 61, R3826-R3829.	1.1	18
157	Conduction-electron spin resonance in the superconductorK3C60. Physical Review B, 2000, 61, 7118-7121.	1.1	23
158	Antiferromagnetic domains inYBa2Cu3O6+xprobed byGd3+ESR. Physical Review B, 1999, 59, 1176-1184.	1.1	39
159	Measurement of the Gd-Gd exchange and dipolar interactions inGd0.01Y0.99Ba2Cu3O6. Physical Review B, 1999, 59, 12072-12077.	1.1	19
160	ESR Signal in Azafullerene (C59N)2 Induced by Thermal Homolysis. Journal of Physical Chemistry A, 1999, 103, 6969-6971.	1.1	35