

Paul H M Van Loosdrecht

List of Publications by Year in descending order

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193
papers

6,425
citations

71061

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74
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198
docs citations

198
times ranked

8542
citing authors

#	ARTICLE	IF	CITATIONS
1	Magneto-optical study of metamagnetic transitions in the antiferromagnetic phase of $\hat{\Gamma}_2$ -RuCl ₃ . Npj Quantum Materials, 2022, 7, .	1.8	7
2	Magnetic interlayer coupling between ferromagnetic SrRuO ₃ layers through a SrIrO ₃ spacer. Journal of Applied Physics, 2022, 131, 133902.	1.1	2
3	Thickness and temperature dependence of the atomic-scale structure of SrRuO ₃ thin films. APL Materials, 2022, 10, 051107.	2.2	3
4	Slowdown of photoexcited spin dynamics in the non-collinear spin-ordered phases in skyrmion host GaV ₄ S ₈ . Nature Communications, 2022, 13, .	5.8	3
5	Thermally-induced drift of A-site cations at solid–solid interface in physically paired lead halide perovskites. Scientific Reports, 2022, 12, .	1.6	2
6	Origin of the hump anomalies in the Hall resistance loops of ultrathin SrRuO ₃ multilayers. Physical Review Materials, 2021, 5, .	1.09	1
7	Trap induced long exciton intervalley scattering and population lifetime in monolayer WSe ₂ . 2D Materials, 2021, 8, 035018.	2.0	3
8	Enhancing the ferromagnetic interlayer coupling between epitaxial SrRuO ₃ layers. Physical Review B, 2021, 104, .	1.1	1
9	Unraveling the Excitonic Transition and Associated Dynamics in Confined Long Linear Carbon Chains with Time-Resolved Resonance Raman Scattering. Laser and Photonics Reviews, 2021, 15, 2100259.	4.4	10
10	Band-selective third-harmonic generation in superconducting MgB ₂ : Possible evidence for the Higgs amplitude mode in the dirty limit. Physical Review B, 2021, 104, .	1.1	16
11	Excitonic Transport and Intervalley Scattering Dynamics in Large-Size Exfoliated MoSe ₂ Monolayer Investigated by Heterodyned Transient Grating Spectroscopy. Laser and Photonics Reviews, 2020, 14, 2000029.	4.4	5
12	Impact of the Interfacial Molecular Structure Organization on the Charge Transfer State Formation and Exciton Delocalization in Merocyanine:PC ₆₁ BM Blends. Journal of Physical Chemistry C, 2020, 124, 21978-21984.	1.5	5
13	Non-perturbative terahertz high-harmonic generation in the three-dimensional Dirac semimetal Cd ₃ As ₂ . Nature Communications, 2020, 11, 2451.	5.8	69
14	Electronic Inhomogeneity Influence on the Anomalous Hall Resistivity Loops of SrRuO ₃ Epitaxially Interfaced with 5d Perovskites. ACS Omega, 2020, 5, 5824-5833.	1.6	16
15	Ultrafast dynamics in the single-layer manganite Pr _{1-x} Ca _x MnO ₃ : Evidence for a charge-ordered state. Physical Review Letters, 2020, 125, 077201.	1.1	5
16	Femto- to Microsecond Dynamics of Excited Electrons in a Quadruple Cation Perovskite. ACS Energy Letters, 2020, 5, 785-792.	8.8	20
17	Correlating the Nanoscale Structural, Magnetic, and Magneto-Transport Properties in SrRuO ₃ -Based Perovskite Thin Films: Implications for Oxide Skyrmion Devices. ACS Applied Nano Materials, 2020, 3, 1182-1190.	2.4	26
18	High-field quantum disordered state in $\hat{\Gamma}_2$ -RuCl ₃ : Spin flips, bound states, and multiparticle continuum. Physical Review B, 2020, 101, .	1.1	1

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37	Magneto-absorption spectra of hydrogen-like yellow exciton series in cuprous oxide: excitons in strong magnetic fields. <i>Scientific Reports</i> , 2018, 8, 7818.	1.6	9
38	Structure and orbital ordering of ultrathin LaVO ₃ probed by atomic resolution electron microscopy and Raman spectroscopy. <i>Physica Status Solidi - Rapid Research Letters</i> , 2017, 11, 1600350.	1.2	4
39	The thermal metal-insulator phase transition in (EDO-TTF)2PF ₆ . <i>Molecular Physics</i> , 2017, 115, 2180-2184.	0.8	0
40	Semiconductor-to-Metal Transition and Quasiparticle Renormalization in Doped Graphene Nanoribbons. <i>Advanced Electronic Materials</i> , 2017, 3, 1600490.	2.6	33
41	Making Graphene Nanoribbons Photoluminescent. <i>Nano Letters</i> , 2017, 17, 4029-4037.	4.5	73
42	Ultrafast electron and hole transfer in bulk heterojunctions of low-bandgap polymers. <i>Organic Photonics and Photovoltaics</i> , 2016, 4, .	1.3	7
43	Optically induced effective mass renormalization: the case of graphite image potential states. <i>Scientific Reports</i> , 2016, 6, 35318.	1.6	2
44	Probing orbital ordering in LaVO ₃ epitaxial films by Raman scattering. <i>APL Materials</i> , 2016, 4, .	2.2	11
45	Bulk heterojunction morphology of polymer:fullerene blends revealed by ultrafast spectroscopy. <i>Scientific Reports</i> , 2016, 6, 36236.	1.6	19
46	Trap-limited bimolecular recombination in poly(3-hexylthiophene): Fullerene blend films. <i>Organic Electronics</i> , 2016, 38, 8-14.	1.4	10
47	Optically probed symmetry breaking in the chiral magnet $\text{Cu}_{1-x}\text{Mn}_x\text{O}$. <i>Physical Review B</i> , 2016, 94, .	1.2	28
48	Self-organized charge puddles in a three-dimensional topological material. <i>Physical Review B</i> , 2016, 93, .	1.1	46
49	Zero-dimensional (CH ₃ NH ₃) ₃ Bi ₂ I ₉ perovskite for optoelectronic applications. <i>Solar Energy Materials and Solar Cells</i> , 2016, 158, 195-201.	3.0	182
50	Organic Electronics: Engineering Ultra Long Charge Carrier Lifetimes in Organic Electronic Devices at Room Temperature (<i>Adv. Mater. Interfaces</i> 4/2015). <i>Advanced Materials Interfaces</i> , 2015, 2, .	1.9	0
51	Anisotropic lattice dynamics and intermediate-phase magnetism in delafossite CuFeO_2 . <i>Physical Review B</i> , 2015, 92, .	1.6	16
52	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review B</i> , 2015, 92, .	1.1	7
53	Frequency tunable surface magneto elastic waves. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	45
54	Theoretical study of the ground state of (EDO-TTF)2PF ₆ . <i>Computational and Theoretical Chemistry</i> , 2015, 1069, 105-111.	1.1	2

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55	Photoinduced magnetization enhancement in two-dimensional weakly anisotropic Heisenberg magnets. Physical Review B, 2015, 91, .	1.1	9
56	Engineering Ultra Long Charge Carrier Lifetimes in Organic Electronic Devices at Room Temperature. Advanced Materials Interfaces, 2015, 2, 1400555.	1.9	21
57	Measuring electron and hole mobilities in organic systems: charge selective CELIV. Synthetic Metals, 2015, 203, 187-191.	2.1	20
58	Periodic Hartree-Fock and hybrid density functional calculations on the metallic and the insulating phase of (EDO-TTF)2PF6. Physical Chemistry Chemical Physics, 2015, 17, 30371-30377.	1.3	1
59	Measurement of the acoustic-to-optical phonon coupling in multicomponent systems. Physical Review B, 2015, 91, .	1.1	7
60	Organic semiconductors with a charge carrier life time of over 2 hours at room temperature. Journal of Materials Chemistry C, 2015, 3, 12260-12266.	2.7	11
61	Charge Transfer Dynamics in Donor-Acceptor Complexes between a Conjugated Polymer and Fluorene Acceptors. Journal of Physical Chemistry C, 2014, 118, 30291-30301.	1.5	26
62	Dual character of excited charge carriers in graphene on Ni(111). Physical Review B, 2014, 89, .	1.1	7
63	Anionogenic Mixed Valency in $KxBa1-xO2$. Inorganic Chemistry, 2014, 53, 496-502.	1.9	4
64	Low-frequency Raman study of the ferroelectric phase transition in a layered $CuCl_4$ -based organic-inorganic hybrid. Physical Review B, 2014, 89, .	1.1	25
65	Thermal conductivity of anisotropic spin-1/2 two leg ladder: Green's function approach. European Physical Journal B, 2014, 87, 1.	0.6	6
66	Ultrafast Spectroscopy Reveals Bulk Heterojunction Morphology. , 2014, , .		0
67	Probing magnetic order in $CuFeO_2$ through nuclear forward scattering in high magnetic fields. Physical Review B, 2013, 88, .	1.1	1
68	Thermochromic effects in a Jahn-Teller active $\{CuCl\}_6$ layered hybrid system. Journal of Physics Condensed Matter, 2013, 25, 505901.	0.7	26
69	Dynamics of photo-excited electrons in magnetically ordered $TbMnO_3$. Journal of Physics Condensed Matter, 2013, 25, 116007.	0.7	16
70	Phonon-Magnon Interaction in Low Dimensional Quantum Magnets Observed by Dynamic Heat Transport Measurements. Physical Review Letters, 2013, 110, 147206.	2.9	32
71	Temperature-dependent and anisotropic optical response of layered $Ca_{0.5}MnO_3$ and MnO . Physical Review B, 2013, 87, 1.	1.1	13
72	Photo-induced modulation of ferroelectric polarization in multiferroic $TbMnO_3$. , 2013, , .		0

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73	of charge-orbital order-disorder phenomena on the unoccupied electronic states in the single-layered half-doped Pr _{1-x} Ca _x MnO ₃ . <i>Physical Review B</i> , 2012, 85, 040401.	1.1	5
74	Acceptor Energy Offset Manages Ultrafast Recombination Dynamics in Donor-Acceptor Mixtures. EPJ Web of Conferences, 2013, 41, 05036.	0.1	0
75	Exciton and Hole-Transfer Dynamics in Polymer: Fullerene Blends. EPJ Web of Conferences, 2013, 41, 04012.	0.1	0
76	Ultrafast Pump-Push Photocurrent Spectroscopy of Organic Photoconversion Systems. EPJ Web of Conferences, 2013, 41, 05020.	0.1	3
77	Antiferromagnetic Mn ₂ O ₇ Chain Driven by p-Orbital Ordering in CsO ₂ . <i>Physical Review B</i> , 2012, 86, 040401.	2.9	25
78	Spin ² lattice coupling in iron jarosite. <i>Journal of Solid State Chemistry</i> , 2012, 195, 50-54.	1.4	2
79	Ultrafast optical spectroscopy of the lowest energy excitations in the Mott insulator compound YVO ₃ : Evidence for Hubbard-type excitons. <i>Physical Review B</i> , 2012, 86, 040401.	1.1	37
80	The Role of Driving Energy and Delocalized States for Charge Separation in Organic Semiconductors. <i>Science</i> , 2012, 335, 1340-1344.	6.0	1,022
81	Coexisting Ferromagnetic and Ferroelectric Order in a CuCl ₄ -based Organic-Inorganic Hybrid. <i>Chemistry of Materials</i> , 2012, 24, 133-139.	3.2	200
82	Off-Planar Geometry and Structural Instability of EDO-TTF Explained by Using the Extended Debye Polarizability Model for Bond Angles. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7219-7227.	1.1	7
83	Optical probing of anisotropic heat transport in the quantum spin ladder Ca ₉ La ₅ Cu ₂₄ O ₄₁ . <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 2531-2538.	2.5	17
84	Ferromagnetic Order from p-Electrons in Rubidium Oxide. <i>Chemistry of Materials</i> , 2011, 23, 1578-1586.	3.2	23
85	Spectroscopy and structural properties of amorphous and nanocrystalline silicon carbide thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2661-2664.	0.8	1
86	Orbital topology, interlayer spin coupling, and magnetic anisotropy of the CuFeO ₂ compound. <i>Physical Review B</i> , 2011, 83, 040401.	1.1	10
87	A road to hydrogenating graphene by a reactive ion etching plasma. <i>Journal of Applied Physics</i> , 2011, 110, 044301.	1.1	85
88	Ultrafast Hole-Transfer Dynamics in Polymer/PCBM Bulk Heterojunctions. <i>Advanced Functional Materials</i> , 2010, 20, 1653-1660.	7.8	117
89	Comparison of ab initio molecular properties of EDO-TTF with the properties of the (EDO-TTF) ₂ PF ₆ crystal. <i>Chemical Physics Letters</i> , 2010, 487, 220-225.	1.2	11
90	Publisher's Note: Origin of the ESR spectrum in the Prussian blue analog RbMn ₂ Fe ₂ O ₁₂ . <i>Physical Review B</i> , 2010, 82, 040401.	1.1	0

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91	Origin of the ESR spectrum in the Prussian blue analog $\text{RbMn}[\text{Fe}(\text{CN})_6]_x$. Physical Review B, 2010, 82, .	1.1	8
92	Raman signatures of charge ordering in $\text{K}_{0.3}\text{MnO}_2$. Physical Review B, 2010, 81, .	1.1	12
93	Suppressed spin dephasing for two-dimensional and bulk electrons in GaAs wires due to engineered cancellation of spin-orbit interaction terms. Physical Review B, 2010, 81, .	1.1	16
94	Static magnetic susceptibility, crystal field and exchange interactions in rare earth titanate pyrochlores. Journal of Physics Condensed Matter, 2010, 22, 276003.	0.7	58
95	Optical probing of spin dynamics of two-dimensional and bulk electrons in a GaAs/AlGaAs heterojunction system. New Journal of Physics, 2010, 12, 113040.	1.2	7
96	Magnetodielectric and magnetoelastic coupling in TbFe_3Mn_5 . Physical Review B, 2010, 82, .	1.1	55
97	Quest for Order in Chaos: Hidden Repulsive Level Statistics in Disordered Quantum Nanoaggregates. Journal of Physical Chemistry Letters, 2010, 1, 2911-2916.	2.1	9
98	Heat conductivity of the spin-Peierls compounds TiOCl and TiOBr . Physical Review B, 2010, 81, .	1.1	3
99	Optically induced cis-trans isomerisation of (1-6-cis-stilbene) $\text{Cr}(\text{CO})_3$. Dalton Transactions, 2010, 39, 2201.	1.6	5
100	Mapping the magnetic phase diagram of the frustrated metamagnet CuFeO_2 . Physical Review B, 2010, 81, .	1.1	42
101	30-fs Hole-Transfer Dynamics in Polymer/PCBM Bulk Heterojunction. , 2010, , .		0
102	Ultrafast photoinduced structure phase transition in antimony single crystals. Physical Review B, 2009, 80, .	1.1	27
103	High-field recovery of the undistorted triangular lattice in the frustrated metamagnet CuFeO_2 . Physical Review B, 2009, 80, .	1.1	36
104	Magneto-optical readout of dark exciton distribution in cuprous oxide. Physical Review B, 2009, 80, .	1.1	13
105	Ultrafast polarisation spectroscopy of photoinduced charges in a conjugated polymer. Quantum Electronics, 2009, 39, 643-648.	0.3	3
106	Light-driven rotary molecular motors: an ultrafast optical study. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 181-184.	0.8	49
107	Heat transport imaging in the spin-ladder compound $\text{Ca}_9\text{La}_5\text{Cu}_{24}\text{O}_{41}$. Journal of Magnetism and Magnetic Materials, 2009, 321, 796-799.	1.0	17
108	Charge-transfer complexes of conjugated polymers as intermediates in charge photogeneration for organic photovoltaics. Chemical Physics Letters, 2009, 482, 99-104.	1.2	38

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109	Photogeneration and Ultrafast Dynamics of Excitons and Charges in P3HT/PCBM Blends. Journal of Physical Chemistry C, 2009, 113, 14500-14506.	1.5	304
110	Efficient two-step photogeneration of long-lived charges in ground-state charge-transfer complexes of conjugated polymer doped with fullerene. Physical Chemistry Chemical Physics, 2009, 11, 7324.	1.3	30
111	Exciton Spectra and the Microscopic Structure of Self-Assembled Porphyrin Nanotubes. Journal of Physical Chemistry B, 2009, 113, 2273-2283.	1.2	106
112	Following the Autonomous Movement of Silica Microparticles Using Fluorescence Microscopy. Small, 2008, 4, 476-480.	5.2	12
113	Ultrafast Charge Photogeneration Dynamics in Ground-State Charge-Transfer Complexes Based on Conjugated Polymers. Journal of Physical Chemistry B, 2008, 112, 13730-13737.	1.2	60
114	Light- and Temperature-Induced Electron Transfer in Single Crystals of $\text{RbMn}[\text{Fe}(\text{CN})_6]\cdot\text{H}_2\text{O}$. Chemistry of Materials, 2008, 20, 1236-1238.	3.2	59
115	Prediction of the Equilibrium Structures and Photomagnetic Properties of the Prussian Blue Analogue $\text{RbMn}[\text{Fe}(\text{CN})_6]$ by Density Functional Theory. Journal of Physical Chemistry A, 2008, 112, 5742-5748.	1.1	17
116	Bulk and Surface Switching in Mn^{2+} -Fe-Based Prussian Blue Analogues. Journal of Physical Chemistry C, 2008, 112, 14158-14167.	1.5	18
117	Phonon and crystal field excitations in geometrically frustrated rare earth titanates. Physical Review B, 2008, 77, .	1.1	94
118	Dynamics of Spin and Orbital Phase Transitions in YVO_3 . Physical Review Letters, 2008, 101, 245702.	2.9	21
119	A Raman study of the charge-density-wave state in $\text{A}_{0.3}\text{MoO}_3$ ($\text{A} = \text{K}, \text{Rb}$). New Journal of Physics, 2008, 10, 023043.	1.2	22
120	Compact cryogenic Kerr microscope for time-resolved studies of electron spin transport in microstructures. Review of Scientific Instruments, 2008, 79, 123904.	0.6	6
121	Charge and spin dynamics in a two-dimensional electron gas. Journal of Physics Condensed Matter, 2007, 19, 295206.	0.7	8
122	Coherent amplitudon generation in blue bronze through ultrafast interband quasi-particle decay. Journal of Physics Condensed Matter, 2007, 19, 346208.	0.7	13
123	Symmetry disquisition on the TiOX phase diagram ($\text{X} = \text{Br}, \text{Cl}$). Physical Review B, 2007, 75, .	1.1	24
124	Optical Energy Transport and Interactions between the Excitations in a Coumarin π -Perylene Bisimide Dendrimer. Journal of Physical Chemistry A, 2007, 111, 12944-12953.	1.1	18
125	Hybridization, superexchange, and competing magnetoelastic interactions in TiOBr . Physical Review B, 2007, 76, .	1.1	8
126	Intramolecular energy transfer in a tetra-coumarin perylene system: influence of solvent and bridging unit on electronic properties. Organic and Biomolecular Chemistry, 2007, 5, 3354.	1.5	34

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127	Raman scattering from phonons and magnons in $\text{RFe}_3(\text{BO}_3)_4$. <i>Physical Review B</i> , 2006, 74, .	1.1	118
128	Temperature-Dependent Relaxation of Excitons in Tubular Molecular Aggregates: Fluorescence Decay and Stokes Shift. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20268-20276.	1.2	48
129	The Influence of Defects on the Electron-Transfer and Magnetic Properties of $\text{RbxMn}[\text{Fe}(\text{CN})_6]_y \cdot z\text{H}_2\text{O}$. <i>Chemistry of Materials</i> , 2006, 18, 1951-1963.	3.2	47
130	Cylindrical aggregates of 5,5',6,6'-tetrachlorobenzimidazole-carbocyanine amphiphilic derivatives: Structure-related optical properties and exciton dynamics. <i>International Journal of Photoenergy</i> , 2006, 2006, 1-9.	1.4	15
131	Exciton dynamics in cuprous oxide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 2469-2472.	0.8	9
132	Exciton dynamics in molecular aggregates. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3400-3403.	0.8	13
133	Nonlinear transport in $\text{Na}_{0.33}\text{VO}_5$. <i>European Physical Journal B</i> , 2006, 53, 289-296.	0.6	13
134	Para-excitons in Cu_2O : a new approach. <i>Journal of Luminescence</i> , 2005, 112, 17-20.	1.5	25
135	Evidence for differentiation in the iron-helicoidal chain in $\text{GdFe}_3(\text{BO}_3)_4$. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 481-485.	1.8	111
136	Nonlinear transport in $\text{Na}_{0.33}\text{VO}_5$. <i>European Physical Journal Special Topics</i> , 2005, 131, 115-118.	0.2	2
137	Decay and coherence of two-photon excited yellow orthoexcitons in Cu_2O . <i>Physical Review B</i> , 2005, 72, .	1.1	14
138	Cascade of phase transitions in $\text{GdFe}_3(\text{BO}_3)_4$. <i>JETP Letters</i> , 2004, 79, 423-426.	0.4	53
139	High-field ESR study of the dimerized-incommensurate phase transition in the spin-Peierls compound CuGeO_3 . <i>Physica B: Condensed Matter</i> , 2004, 346-347, 1-5.	1.3	68
140	Structural, electronic, and magneto-optical properties of YVO_3 . <i>Physical Review B</i> , 2004, 69, .	1.1	59
141	Structural phase transition in the two-dimensional triangular lattice antiferromagnet $\text{RbFe}(\text{MoO}_4)_2$. <i>Physical Review B</i> , 2003, 68, .	1.1	31
142	Charge-Ordering Signatures in the Optical Properties of $\text{Na}_{0.33}\text{VO}_5$. <i>Physical Review Letters</i> , 2003, 90, 026402.	2.9	45
143	Field-induced structural evolution in the spin-Peierls compound CuGeO_3 : High-field ESR study. <i>Physical Review B</i> , 2003, 67, .	1.1	12
144	Optical and magneto-optical study of orbital and spin ordering transitions in YVO_3 . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 783-784.	1.3	3

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145	Low dimensional correlated systems: CuGeO ₃ and NaV ₂ O ₅ . Ferroelectrics, 2001, 249, 41-49.	0.3	1
146	Charge kinks as Raman scatterers in quarter-filled ladders. Physical Review B, 2001, 63, .	1.1	7
147	Electron-phonon and spin-phonon coupling in NaV ₂ O ₅ : Charge fluctuations effects. Europhysics Letters, 1999, 48, 648-654.	0.7	32
148	Scaling of the H-T Phase Diagram of CuGeO ₃ . Physical Review Letters, 1999, 83, 2648-2651.	2.9	18
149	Determination of the superconducting energy gap of Rb ₃ C ₆₀ by electronic Raman scattering. Physica C: Superconductivity and Its Applications, 1998, 307, 79-86.	0.6	5
150	La ₂ C ₇₂ : A Metal-Mediated Stabilization of a Carbon Cage. Journal of Physical Chemistry A, 1998, 102, 2833-2837.	1.1	53
151	Optical Spectroscopy on the Spin-Peierls Compound CuGeO ₃ . Solid State Phenomena, 1998, 61-62, 19-26.	0.3	3
152	Dopant-bound spinons in Cu _{1-x} Zn _x GeO ₃ . Europhysics Letters, 1998, 43, 463-468.	0.7	16
153	Incommensurate Phase of CuGeO ₃ : From Solitons to Sinusoidal Modulation. Physical Review Letters, 1998, 81, 148-151.	2.9	42
154	Revival of the spin-Peierls transition in Cu _{1-x} Zn _x GeO ₃ under pressure. Physical Review B, 1998, 57, 7749-7754.	1.1	10
155	Magnetic Interactions and the Pressure Phase Diagram of CuGeO ₃ . Physical Review Letters, 1997, 78, 487-490.	2.9	36
156	Measurement of Pair Interactions and 1.5 μ m Emission from Er ³⁺ Ions in a C ₈₂ Fullerene Cage. Physical Review Letters, 1997, 79, 1397-1400.	2.9	48
157	Observation of Three-Magnon Light Scattering in CuGeO ₃ . Physical Review Letters, 1997, 79, 5138-5141.	2.9	26
158	Spins and phonons in the spin-Peierls compound CuGeO ₃ . Physica B: Condensed Matter, 1997, 230-232, 1017-1020.	1.3	5
159	Far infrared transmittance of Sc ₂ C ₈₄ and Er ₂ C ₈₂ . Chemical Physics Letters, 1997, 264, 359-365.	1.2	16
160	Inelastic Light Scattering from Magnetic Fluctuations in CuGeO ₃ . Physical Review Letters, 1996, 76, 311-314.	2.9	83
161	Dynamics in the dimerized and the high-field incommensurate phase of CuGeO ₃ . Physical Review B, 1996, 54, R3730-R3733.	1.1	27
162	Magnetic fluctuation spectrum of CuGeO ₃ : Raman scattering. Journal of Applied Physics, 1996, 79, 5395.	1.1	11

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163	NOVEL STRUCTURES FROM ARC-VAPORIZED CARBON AND METALS: SINGLE-LAYER CARBON NANOTUBES AND METALLOFULLERENES. <i>Surface Review and Letters</i> , 1996, 03, 765-769.	0.5	5
164	High frequency electron spin resonance in $\text{Er}@C_{2n}$. <i>Physica B: Condensed Matter</i> , 1995, 211, 323-326.	1.3	13
165	Influence of nitrogen doping on different properties of a-C:H. <i>Thin Solid Films</i> , 1995, 268, 22-29.	0.8	43
166	Freezing of the incommensurate modulation dynamics in $(\text{Pb}_y\text{Sn}_{1-y})_2\text{P}_2\text{Se}_6$. <i>Physical Review B</i> , 1995, 51, 9325-9328.	1.1	6
167	Orientalional Dynamics of the Sc_3 Trimer in C_{82} : An EPR Study. <i>Physical Review Letters</i> , 1994, 73, 3415-3418.	2.9	42
168	Thermal expansion at the incommensurate phase transition in $[\text{N}(\text{CH}_3)_4]_2\text{ZnCl}_4 \cdot x\text{Br}_x$ crystals. <i>Physica B: Condensed Matter</i> , 1994, 202, 152-158.	1.3	3
169	Identification of gaseous oxygen and nitrogen in bubble inclusions in $\text{Bi}_4(\text{GeO}_4)_3$ (BGO) crystals by means of Raman spectroscopy. <i>Journal of Crystal Growth</i> , 1994, 140, 361-364.	0.7	4
170	PL oscillations in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. <i>Journal of Luminescence</i> , 1994, 58, 230-233.	1.5	1
171	The role of charge carriers in the memory effect in the incommensurate phase of the semiconducting ferroelectric $\text{Sn}_2\text{P}_2\text{Se}_6$. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 11211-11220.	0.7	8
172	Automated HPLC Separation of Endohedral Metallofullerene $\text{Sc}@C_{2n}$ and $\text{Y}@C_{2n}$ Fractions. <i>Analytical Chemistry</i> , 1994, 66, 2675-2679.	3.2	86
173	Isolation and Monitoring of the Endohedral Metallofullerenes $\text{Y}@C_{82}$ and $\text{Sc}_3@C_{82}$: Online Chromatographic Separation with EPR Detection. <i>Analytical Chemistry</i> , 1994, 66, 2680-2685.	3.2	47
174	Structure and lattice dynamics of the ordered phase of solid C_{70} . <i>Chemical Physics Letters</i> , 1993, 207, 343-348.	1.2	21
175	Raman scattering in electronically excited C_{60} . <i>Chemical Physics Letters</i> , 1993, 205, 191-196.	1.2	51
176	Structures and phase transitions in C_{60} and C_{70} fullerenes. <i>Ultramicroscopy</i> , 1993, 51, 168-188.	0.8	21
177	Fluctuation effects on the thermal expansion of the incommensurate crystal $\text{Sn}_2\text{P}_2\text{Se}_6$. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 6023-6028.	0.7	9
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