

# Paul H M Van Loosdrecht

## List of Publications by Year in descending order

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193  
papers

6,425  
citations

71061

41  
h-index

76872

74  
g-index

198  
all docs

198  
docs citations

198  
times ranked

8542  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Coherent electron focusing with quantum point contacts in a two-dimensional electron gas. <i>Physical Review B</i> , 1989, 39, 8556-8575.	1.1	320
3	Photogeneration and Ultrafast Dynamics of Excitons and Charges in P3HT/PCBM Blends. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14500-14506.	1.5	304
4	Coexisting Ferromagnetic and Ferroelectric Order in a $\text{CuCl}_4$ -based Organic-Inorganic Hybrid. <i>Chemistry of Materials</i> , 2012, 24, 133-139.	3.2	200
5	Zero-dimensional $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{I}_9$ perovskite for optoelectronic applications. <i>Solar Energy Materials and Solar Cells</i> , 2016, 158, 195-201.	3.0	182
6	Four-terminal magnetoresistance of a two-dimensional electron-gas constriction in the ballistic regime. <i>Physical Review B</i> , 1988, 37, 8534-8536.	1.1	130
7	Raman scattering from phonons and magnons in $\text{RFe}_3(\text{BO}_3)_4$ . <i>Physical Review B</i> , 2006, 74, .	1.1	118
8	Ultrafast Hole-Transfer Dynamics in Polymer/PCBM Bulk Heterojunctions. <i>Advanced Functional Materials</i> , 2010, 20, 1653-1660.	7.8	117
9	Raman scattering in single crystal $\text{C}_{60}$ . <i>Chemical Physics Letters</i> , 1992, 198, 587-595.	1.2	112
10	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
11	Rotational ordering transition in single-crystal $\text{C}_{60}$ studied by Raman spectroscopy. <i>Physical Review Letters</i> , 1992, 68, 1176-1179.	2.9	108
12	Exciton Spectra and the Microscopic Structure of Self-Assembled Porphyrin Nanotubes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2273-2283.	1.2	106
13	Phonon and crystal field excitations in geometrically frustrated rare earth titanates. <i>Physical Review B</i> , 2008, 77, .	1.1	94
14	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
15	A road to hydrogenating graphene by a reactive ion etching plasma. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	85
16	Inelastic Light Scattering from Magnetic Fluctuations in $\text{CuGeO}_3$ . <i>Physical Review Letters</i> , 1996, 76, 311-314.	2.9	83
17	New orientationally ordered low-temperature superstructure in high-purity $\text{C}_{60}$ . <i>Physical Review Letters</i> , 1992, 69, 1065-1068.	2.9	80
18	Making Graphene Nanoribbons Photoluminescent. <i>Nano Letters</i> , 2017, 17, 4029-4037.	4.5	73

#	ARTICLE	IF	CITATIONS
19	Non-perturbative terahertz high-harmonic generation in the three-dimensional Dirac semimetal Cd <sub>3</sub> As <sub>2</sub> . Nature Communications, 2020, 11, 2451.	5.8	69
20	High-field ESR study of the dimerized-incommensurate phase transition in the spin-Peierls compound CuGeO <sub>3</sub> . Physica B: Condensed Matter, 2004, 346-347, 1-5.	1.3	68
21	Aharonov-bohm effect in a singly connected point contact. Physical Review B, 1988, 38, 10162-10165.	1.1	65
22	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
23	Structural, electronic, and magneto-optical properties of YVO <sub>3</sub> . Physical Review B, 2004, 69, .	1.1	59
24	Light- and Temperature-Induced Electron Transfer in Single Crystals of RbMn[Fe(CN) <sub>6</sub> ] <sub>2</sub> ·H <sub>2</sub> O. Chemistry of Materials, 2008, 20, 1236-1238.	3.2	59
25	Lattice vibrations in crystalline C <sub>70</sub> . Physical Review B, 1993, 47, 7610-7613.	1.1	58
26	Static magnetic susceptibility, crystal field and exchange interactions in rare earth titanate pyrochlores. Journal of Physics Condensed Matter, 2010, 22, 276003.	0.7	58
27	Magnetodielectric and magnetoelastic coupling in $TbFe_3$ . Physical Review B, 2010, 82, .	1.1	55
28	La <sub>2</sub> @C <sub>72</sub> : A Metal-Mediated Stabilization of a Carbon Cage. Journal of Physical Chemistry A, 1998, 102, 2833-2837.	1.1	53
29	Cascade of phase transitions in GdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . JETP Letters, 2004, 79, 423-426.	0.4	53
30	Raman scattering in electronically excited C <sub>60</sub> . Chemical Physics Letters, 1993, 205, 191-196.	1.2	51
31	High-field quantum disordered state in $\text{LaMn}_2\text{O}_7$ : Spin flips, bound states, and multiparticle continuum. Physical Review B, 2020, 101, .	1.1	50
32	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
33	Measurement of Pair Interactions and $\frac{1}{4}$ Emission from Er <sup>3+</sup> Ions in a C <sub>82</sub> Fullerene Cage. Physical Review Letters, 1997, 79, 1397-1400.	2.9	48
34	Temperature-Dependent Relaxation of Excitons in Tubular Molecular Aggregates: A Fluorescence Decay and Stokes Shift. Journal of Physical Chemistry B, 2006, 110, 20268-20276.	1.2	48
35	Isolation and Monitoring of the Endohedral Metallofullerenes Y@C <sub>82</sub> and Sc <sub>3</sub> @C <sub>82</sub> : Online Chromatographic Separation with EPR Detection. Analytical Chemistry, 1994, 66, 2680-2685.	3.2	47
36	The Influence of Defects on the Electron-Transfer and Magnetic Properties of Rb <sub>x</sub> Mn[Fe(CN) <sub>6</sub> ] <sub>y</sub> ·zH <sub>2</sub> O. Chemistry of Materials, 2006, 18, 1951-1963.	3.2	47

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37	Self-organized charge puddles in a three-dimensional topological material. Physical Review B, 2016, 93, .	1.1	46
38	Charge-Ordering Signatures in the Optical Properties of $\text{Na}_0.33\text{V}_2\text{O}_5$ . Physical Review Letters, 2003, 90, 026402.	2.9	45
39	Frequency tunable surface magneto elastic waves. Applied Physics Letters, 2015, 106, .	1.5	45
40	Influence of nitrogen doping on different properties of a-C:H. Thin Solid Films, 1995, 268, 22-29.	0.8	43
41	Orientalional Dynamics of the $\text{Sc}_3\text{Trimer}$ in $\text{C82}$ : An EPR Study. Physical Review Letters, 1994, 73, 3415-3418.	2.9	42
42	Incommensurate Phase of $\text{CuGeO}_3$ : From Solitons to Sinusoidal Modulation. Physical Review Letters, 1998, 81, 148-151.	2.9	42
43	Mapping the magnetic phase diagram of the frustrated metamagnet $\text{CuFeO}_2$ . Physical Review B, 2010, 81, .	1.1	42
44	Spin-orbit entangled moments in $\text{BaM}_2\text{O}_7$ : A frustrated fcc quantum magnet. Physical Review B, 2019, 100, .	1.1	40
45	Charge-transfer complexes of conjugated polymers as intermediates in charge photogeneration for organic photovoltaics. Chemical Physics Letters, 2009, 482, 99-104.	1.2	38
46	Ultrafast optical spectroscopy of the lowest energy excitations in the Mott insulator compound $\text{YVO}_4$ : Evidence for Hubbard-type excitons. Physical Review B, 2012, 86, .	1.1	37
47	Magnetic Interactions and the Pressure Phase Diagram of $\text{CuGeO}_3$ . Physical Review Letters, 1997, 78, 487-490.	2.9	36
48	High-field recovery of the undistorted triangular lattice in the frustrated metamagnet $\text{CuFeO}_2$ . Physical Review B, 2009, 80, .	1.1	36
49	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
50	Semiconductor-Metal Transition and Quasiparticle Renormalization in Doped Graphene Nanoribbons. Advanced Electronic Materials, 2017, 3, 1600490.	2.6	33
51	Electron-phonon and spin-phonon coupling in $\text{NaV}_2\text{O}_5$ : Charge fluctuations effects. Europhysics Letters, 1999, 48, 648-654.	0.7	32
52	Phonon-Magnon Interaction in Low Dimensional Quantum Magnets Observed by Dynamic Heat Transport Measurements. Physical Review Letters, 2013, 110, 147206.	2.9	32
53	Structural phase transition in the two-dimensional triangular lattice antiferromagnet $\text{RbFe}(\text{MoO}_4)_2$ . Physical Review B, 2003, 68, .	1.1	31
54	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

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55	Resonant inelastic x-ray incarnation of Young's double-slit experiment. Science Advances, 2019, 5, eaav4020.	4.7	29
56	Raman study of the ferroelectric semiconductor Sn <sub>2</sub> P <sub>2</sub> Se <sub>6</sub> . Physical Review B, 1993, 48, 6014-6018.	1.1	28
57	Dynamics in the dimerized and the high-field incommensurate phase of CuGeO <sub>3</sub> . Physical Review B, 1996, 54, R3730-R3733.	1.1	27
58	Ultrafast photoinduced structure phase transition in antimony single crystals. Physical Review B, 2009, 80, .	1.1	27
59	Observation of Three-Magnon Light Scattering in CuGeO <sub>3</sub> . Physical Review Letters, 1997, 79, 5138-5141.	2.9	26
60	Thermochromic effects in a Jahn-Teller active $\text{CuCl}_2$ layered hybrid system. Journal of Physics Condensed Matter, 2013, 25, 505901.	0.7	26
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	Correlating the Nanoscale Structural, Magnetic, and Magneto-Transport Properties in SrRuO <sub>3</sub> -Based Perovskite Thin Films: Implications for Oxide Skyrmion Devices. ACS Applied Nano Materials, 2020, 3, 1182-1190.	2.4	26
63	Para-excitons in a new approach. Journal of Luminescence, 2005, 112, 17-20.	1.5	25
64	Antiferromagnetic Chain Driven by p-Orbital Ordering in CuCl <sub>2</sub> . Physical Review B, 2014, 89, .	2.9	25
65	Low-frequency Raman study of the ferroelectric phase transition in a layered CuCl <sub>2</sub> -based organic-inorganic hybrid. Physical Review B, 2014, 89, .	1.1	25
66	Symmetry disquisition on the TiOX phase diagram (X=Br,Cl). Physical Review B, 2007, 75, .	1.1	24
67	Ferromagnetic Order from p-Electrons in Rubidium Oxide. Chemistry of Materials, 2011, 23, 1578-1586.	3.2	23
68	Optically probed symmetry breaking in the chiral magnet Cu <sub>2</sub> O. Physical Review B, 2016, 94, .	1.2	23
69	A Raman study of the charge-density-wave state in A <sub>0.3</sub> MoO <sub>3</sub> (A = K, Rb). New Journal of Physics, 2008, 10, 023043.	1.2	22
70	Structure and lattice dynamics of the ordered phase of solid C <sub>70</sub> . Chemical Physics Letters, 1993, 207, 343-348.	1.2	21
71	Structures and phase transitions in C <sub>60</sub> and C <sub>70</sub> fullerites. Ultramicroscopy, 1993, 51, 168-188.	0.8	21
72	Dynamics of Spin and Orbital Phase Transitions in YVO <sub>3</sub> . Physical Review Letters, 2008, 101, 245702.	2.9	21



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91	Anisotropic lattice dynamics and intermediate-phase magnetism in delafossite $\text{CuFeO}_2$ . Physical Review B, 2015, 92, .		
92	A tunable time-resolved spontaneous Raman spectroscopy setup for probing ultrafast collective excitation and quasiparticle dynamics in quantum materials. Structural Dynamics, 2018, 5, 044301.	0.9	16
93	Electronic Inhomogeneity Influence on the Anomalous Hall Resistivity Loops of $\text{SrRuO}_3$ Epitaxially Interfaced with 5d Perovskites. ACS Omega, 2020, 5, 5824-5833.	1.6	16
94	Band-selective third-harmonic generation in superconducting $\text{MgB}_2$ : Possible evidence for the Higgs amplitude mode in the dirty limit. Physical Review B, 2021, 104, .	1.1	16
95	Cylindrical aggregates of 5,5',6,6'-tetrachlorobenzimida-carbocyanine amphiphilic derivatives: Structure-related optical properties and exciton dynamics. International Journal of Photoenergy, 2006, 2006, 1-9.	1.4	15
96	Decay and coherence of two-photon excited yellow orthoexcitons in $\text{Cu}_2\text{O}$ . Physical Review B, 2005, 72, .	1.1	14
97	Dynamics of incoherent exciton formation in $\text{Cu}_2\text{O}$ : Time- and angle-resolved photoemission spectroscopy. Physical Review B, 2019, 100, .	1.1	14
98	High frequency electron spin resonance in $\text{ErMgC}_2$ . Physica B: Condensed Matter, 1995, 211, 323-326.	1.3	13
99	Exciton dynamics in molecular aggregates. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3400-3403.	0.8	13
100	Nonlinear transport in $\text{Na}_2\text{O}_5$ . European Physical Journal B, 2006, 53, 289-296.	0.6	13
101	Coherent amplitudon generation in blue bronze through ultrafast interband quasi-particle decay. Journal of Physics Condensed Matter, 2007, 19, 346208.	0.7	13
102	Magneto-optical readout of dark exciton distribution in cuprous oxide. Physical Review B, 2009, 80, .	1.1	13
103	Temperature-dependent and anisotropic optical response of layered $\text{PrCaMnO}_5$ . Physical Review B, 2009, 80, .	1.1	13
104	Field-induced structural evolution in the spin-Peierls compound $\text{CuGeO}_3$ : High-field ESR study. Physical Review B, 2003, 67, .	1.1	12
105	Following the Autonomous Movement of Silica Microparticles Using Fluorescence Microscopy. Small, 2008, 4, 476-480.	5.2	12
106	Raman signatures of charge ordering in $\text{KCuO}_2$ . Physical Review B, 2010, 81, .	1.1	12
107	Exciton and phonon dynamics in highly aligned 7-atom wide armchair graphene nanoribbons as seen by time-resolved spontaneous Raman scattering. Nanoscale, 2018, 10, 17975-17982.	2.8	12
108	Magnetic fluctuation spectrum of $\text{CuGeO}_3$ : Raman scattering. Journal of Applied Physics, 1996, 79, 5395.	1.1	11

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109	Comparison of ab initio molecular properties of EDO-TTF with the properties of the (EDO-TTF)2PF6 crystal. <i>Chemical Physics Letters</i> , 2010, 487, 220-225.	1.2	11
110	Organic semiconductors with a charge carrier life time of over 2 hours at room temperature. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12260-12266.	2.7	11
111	Probing orbital ordering in LaVO3 epitaxial films by Raman scattering. <i>APL Materials</i> , 2016, 4, .	2.2	11
112	A Raman and FIR spectroscopic study of the solid solution (N(CH3)4)2ZnCl4-xBrx. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 8113-8126.	0.7	10
113	New dielectric material for low temperature thermometry in high magnetic fields. <i>Applied Physics Letters</i> , 1993, 62, 2646-2648.	1.5	10
114	Revival of the spin-Peierls transition in $\text{Cu}^{1-x}\text{Zn}_x\text{GeO}_3$ under pressure. <i>Physical Review B</i> , 1998, 57, 7749-7754.	1.1	10
115	Orbital topology, interlayer spin coupling, and magnetic anisotropy of the $\text{CuFeO}_2$ compound. <i>Physical Review B</i> , 2011, 83, .	1.1	10
116	Trap-limited bimolecular recombination in poly(3-hexylthiophene): Fullerene blend films. <i>Organic Electronics</i> , 2016, 38, 8-14.	1.4	10
117	Magnetic coupling of ferromagnetic SrRuO3 epitaxial layers separated by ultrathin non-magnetic SrZrO3/SrIrO3. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	10
118	Unraveling the Excitonic Transition and Associated Dynamics in Confined Long Linear Carbon Chains with Time-Resolved Resonance Raman Scattering. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100259.	4.4	10
119	Fluctuation effects on the thermal expansion of the incommensurate crystal Sn2P2Se6. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 6023-6028.	0.7	9
120	Exciton dynamics in cuprous oxide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 2469-2472.	0.8	9
121	Quest for Order in Chaos: Hidden Repulsive Level Statistics in Disordered Quantum Nanoaggregates. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2911-2916.	2.1	9
122	Photoinduced magnetization enhancement in two-dimensional weakly anisotropic Heisenberg magnets. <i>Physical Review B</i> , 2015, 91, .	1.1	9
123	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
124	Magneto-excitons in $\text{Cu}_2\text{O}$ : theoretical model from weak to high magnetic fields. <i>New Journal of Physics</i> , 2019, 21, 103012.	1.2	9
125	The role of charge carriers in the memory effect in the incommensurate phase of the semiconducting ferroelectric Sn2P2Se6. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 11211-11220.	0.7	8
126	Charge and spin dynamics in a two-dimensional electron gas. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 295206.	0.7	8



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127	Hybridization, superexchange, and competing magnetoelastic interactions in TiOBr. Physical Review B, 2007, 76, .	1.1	8
128	Origin of the ESR spectrum in the Prussian blue analog $\text{RbMnFe}_2\text{Cl}_6$ . Physical Review B, 2010, 82, .	1.1	8
129	Charge kinks as Raman scatterers in quarter-filled ladders. Physical Review B, 2001, 63, .	1.1	7
130	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
131	Off-Planar Geometry and Structural Instability of EDO-TTF Explained by Using the Extended Debye Polarizability Model for Bond Angles. Journal of Physical Chemistry A, 2012, 116, 7219-7227.	1.1	7
132	Dual character of excited charge carriers in graphene on Ni(111). Physical Review B, 2014, 89, .	1.1	7
133	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite $\text{Pr}_{0.5}\text{MnO}_2$ . Physical Review B, 2015, 92, .	1.1	7
134	Measurement of the acoustic-to-optical phonon coupling in multicomponent systems. Physical Review B, 2015, 91, .	1.1	7
135	Ultrafast electron and hole transfer in bulk heterojunctions of low-bandgap polymers. Organic Photonics and Photovoltaics, 2016, 4, .	1.3	7
136	Incoherent phonon population and exciton-exciton annihilation dynamics in monolayer WS <sub>2</sub> revealed by time-resolved Resonance Raman scattering. Optics Express, 2019, 27, 29949.	1.7	7
137	Magneto-optical study of metamagnetic transitions in the antiferromagnetic phase of $\text{RuCl}_3$ . Npj Quantum Materials, 2022, 7, .	1.8	7
138	Raman study of incommensurately modulated calaverite ( $\text{AuTe}_2$ ). Ferroelectrics, 1992, 125, 517-522.	0.3	6
139	Freezing of the incommensurate modulation dynamics in $(\text{Pb}_{1-y}\text{Sn}_y)_2\text{P}_2\text{Se}_6$ . Physical Review B, 1995, 51, 9325-9328.	1.1	6
140	Compact cryogenic Kerr microscope for time-resolved studies of electron spin transport in microstructures. Review of Scientific Instruments, 2008, 79, 123904.	0.6	6
141	Thermal conductivity of anisotropic spin-1/2 two leg ladder: Green's function approach. European Physical Journal B, 2014, 87, 1.	0.6	6
142	NOVEL STRUCTURES FROM ARC-VAPORIZED CARBON AND METALS: SINGLE-LAYER CARBON NANOTUBES AND METALLOFULLERENES. Surface Review and Letters, 1996, 03, 765-769.	0.5	5
143	Spins and phonons in the spin-Peierls compound $\text{CuGeO}_3$ . Physica B: Condensed Matter, 1997, 230-232, 1017-1020.	1.3	5
144	Determination of the superconducting energy gap of $\text{Rb}_3\text{C}_6\text{O}$ by electronic Raman scattering. Physica C: Superconductivity and Its Applications, 1998, 307, 79-86.	0.6	5

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145	Optically induced cis-trans isomerisation of (i-6-cis-stilbene)Cr(CO) <sub>3</sub> . Dalton Transactions, 2010, 39, 2201.	1.6	5
146	Effects of charge-orbital order-disorder phenomena on the unoccupied electronic states in the single-layered half-doped Pr<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>Ca<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>	1.1	5
147	Optical Absorption Spectra of<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>MnO<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math> (C<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>6<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>H<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>5<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>CH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>CH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>NH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>3<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math> and (NH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>CH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>CH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>NH<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>2<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>)<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>	0.4	5
148	Excitonic Transport and Intervalley Scattering Dynamics in Large-Size Exfoliated MoSe<sub>2</sub> Monolayer Investigated by Heterodyned Transient Grating Spectroscopy. Laser and Photonics Reviews, 2020, 14, 2000029.	4.4	5
149	Impact of the Interfacial Molecular Structure Organization on the Charge Transfer State Formation and Exciton Delocalization in Merocyanine:PC<sub>61</sub>BM Blends. Journal of Physical Chemistry Correlations between electronic order and structural distortions and their ultrafast dynamics in the single-layer manganite	1.5	5
150	Correlations between electronic order and structural distortions and their ultrafast dynamics in the single-layer manganite <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>P<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>r<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>C<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>a<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>	1.1	5
151	Identification of gaseous oxygen and nitrogen in bubble inclusions in Bi<sub>4</sub>(GeO<sub>4</sub>)<sub>3</sub> (BGO) crystals by means of Raman spectroscopy. Journal of Crystal Growth, 1994, 140, 361-364.	0.7	4
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