

Thomas T M Palstra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/114493/publications.pdf>

Version: 2024-02-01

252
papers

23,316
citations

10986

71
h-index

8167

148
g-index

263
all docs

263
docs citations

263
times ranked

16792
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain relaxation dynamics of multiferroic orthorhombic manganites. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 125402.	1.8	5
2	All-electrical detection of skyrmion lattice state and chiral surface twists. <i>Physical Review B</i> , 2021, 103, .	3.2	7
3	A facile approach to hydrophilic oxidized fullerenes and their derivatives as cytotoxic agents and supports for nanobiocatalytic systems. <i>Scientific Reports</i> , 2020, 10, 8244.	3.3	31
4	Fabrication of highly ordered Cu ²⁺ /Fe ³⁺ decorated polyhedral oligomeric silsesquioxane hybrids: How metal coordination influences structure. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 207-215.	9.4	2
5	Insertion of Iron Decorated Organic-Inorganic Cage-Like Polyhedral Oligomeric Silsesquioxanes between Clay Platelets by Langmuir Schaefer Deposition. <i>Materials</i> , 2020, 13, 216.	2.9	2
6	Layer-by-Layer Assembly of Clay-Carbon Nanotube Hybrid Superstructures. <i>ACS Omega</i> , 2019, 4, 18100-18107.	3.5	15
7	Ultrathin molecule-based magnetic conductors: A step towards flexible electronics. <i>MRS Advances</i> , 2019, 4, 3353-3364.	0.9	1
8	Electronic mobility and crystal structures of 2,5-dimethylanilinium triiodide and tin-based organic-inorganic hybrid compounds. <i>Journal of Solid State Chemistry</i> , 2019, 270, 593-600.	2.9	9
9	Inducing ferromagnetism and Kondo effect in platinum by paramagnetic ionic gating. <i>Science Advances</i> , 2018, 4, eaar2030.	10.3	30
10	Micropatterned 2D Hybrid Perovskite Thin Films with Enhanced Photoluminescence Lifetimes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12878-12885.	8.0	38
11	Thermally induced chemical evolution in polyimide films investigated by X-ray photoelectron spectroscopy. <i>Polymer Engineering and Science</i> , 2018, 58, 943-951.	3.1	1
12	Magnetic functionality of thin film perovskite hybrids. <i>APL Materials</i> , 2018, 6, 114206.	5.1	10
13	New magnetic phase of the chiral skyrmion material Cu ₂ OSeO ₃ . <i>Science Advances</i> , 2018, 4, eaat7323.	10.3	66
14	Gate-controlled magnetoresistance of a paramagnetic-insulator platinum interface. <i>Physical Review B</i> , 2018, 98, .	3.2	10
15	Out-of-plane polarization in a layered manganese chloride hybrid. <i>APL Materials</i> , 2018, 6, .	5.1	13
16	Spin-singlet formation in the spin-tetramer layered organic-inorganic hybrid CH ₃ NH ₃ Cu ₂ Cl ₅ . <i>Physical Review Materials</i> , 2018, 2, .	2.4	0
17	Vacancies in functional materials for clean energy storage and harvesting: the perfect imperfection. <i>Chemical Society Reviews</i> , 2017, 46, 1693-1706.	38.1	234
18	Generating new magnetic properties in organic-inorganic hybrids. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1782-1788.	5.5	15

#	ARTICLE	IF	CITATIONS
19	Probing current-induced magnetic fields in Au YIG heterostructures with low-energy muon spin spectroscopy. Applied Physics Letters, 2017, 110, 062409.	3.3	1
20	Top-down and bottom-up approaches to transparent, flexible and luminescent nitrogen-doped carbon nanodot-clay hybrid films. Nanoscale, 2017, 9, 10256-10262.	5.6	41
21	Spin-Hall magnetoresistance in multidomain helical spiral systems. Journal Physics D: Applied Physics, 2017, 50, 174006.	2.8	9
22	Negative spin Hall magnetoresistance of Pt on the bulk easy-plane antiferromagnet NiO. Applied Physics Letters, 2017, 111, .	3.3	136
23	The Role of Connectivity on Electronic Properties of Lead Iodide Perovskite-Derived Compounds. Inorganic Chemistry, 2017, 56, 8408-8414.	4.0	83
24	Polar Nature of (CH ₃) ₃ NH ₃ Bi ₂ I ₉ Perovskite-Like Hybrids. Inorganic Chemistry, 2017, 56, 33-41.	4.0	58
25	Metal-Insulator Transition Induced by Spin Reorientation in Fe ₇ Se ₈ Grain Boundaries. Inorganic Chemistry, 2016, 55, 12912-12922.	4.0	19
26	Crystallite size dependence of thermoelectric performance of CuCrO ₂ . RSC Advances, 2016, 6, 91171-91178.	3.6	21
27	Phase diagram and magnetic relaxation phenomena in Cu ₂ OsO ₃ . Physical Review B, 2016, 94, .	3.2	43
28	Raman and infrared study of 4f electron-phonon coupling in HoVO ₃ . Journal of Physics Condensed Matter, 2016, 28, 435401.	1.8	3
29	Electrical detection of spiral spin structures in Pt ₃ Bi ₂ Te ₅ . Physical Review B, 2016, 94, .		
30	Controlling the volatility of the written optical state in electrochromic DNA liquid crystals. Nature Communications, 2016, 7, 11476.	12.8	39
31	Confinement Effects in Low-Dimensional Lead Iodide Perovskite Hybrids. Chemistry of Materials, 2016, 28, 4554-4562.	6.7	263
32	Band gap narrowing of SnS ₂ superstructures with improved hydrogen production. Journal of Materials Chemistry A, 2016, 4, 209-216.	10.3	56
33	Spin-Hall magnetoresistance and spin Seebeck effect in spin-spiral and paramagnetic phases of multiferroic CoCr ₂ S ₄ . Physical Review B, 2015, 92, .	3.2	67
34	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite Pr _{0.5} Ca _{0.5} MnO ₃ . Physical Review B, 2015, 92, .	3.2	7
35	Observation of large refrigerant capacity in the HoVO ₃ vanadate single crystal. Journal of Applied Physics, 2015, 118, .	2.5	26
36	Effect of Vacancies on Magnetism, Electrical Transport, and Thermoelectric Performance of Marcasite FeSe ₂ (x = 0.05). Chemistry of Materials, 2015, 27, 8220-8229.	6.7	26

#	ARTICLE	IF	CITATIONS
37	Study of phase coexistence in YVO_3 and LaVO_3 . Journal of Raman Spectroscopy, 2015, 46, 1157-1160.	2.5	10
38	A Bottom-Up Approach for the Synthesis of Highly Ordered Fullerene-Intercalated Graphene Hybrids. Frontiers in Materials, 2015, 2, .	2.4	23
39	Dielectric relaxation in YMnO_3 single crystals. Journal of Alloys and Compounds, 2015, 638, 228-232.	5.5	22
40	Photoinduced magnetization enhancement in two-dimensional weakly anisotropic Heisenberg magnets. Physical Review B, 2015, 91, .	3.2	9
41	The origin of thermally stimulated depolarization currents in multiferroic CuCrO_2 . Applied Physics Letters, 2015, 106, .	3.3	31
42	Measurement of the acoustic-to-optical phonon coupling in multicomponent systems. Physical Review B, 2015, 91, .	3.2	7
43	Self-Assembly of Ferromagnetic Organic-Inorganic Perovskite-Like Films. Small, 2014, 10, 4912-4919.	10.0	13
44	Surface sensitivity of the spin Seebeck effect. Journal of Applied Physics, 2014, 116, .	2.5	56
45	Self-assembled monolayers of terminal acetylenes as replacements for thiols in bottom-up tunneling junctions. RSC Advances, 2014, 4, 56026-56030.	3.6	29
46	Anionogenic Mixed Valency in KxBa_2O_7 . Inorganic Chemistry, 2014, 53, 496-502.	4.0	4
47	Elastic anomalies associated with structural and magnetic phase transitions in single crystal hexagonal YMnO_3 . Journal of Physics Condensed Matter, 2014, 26, 045901.	1.8	19
48	Low-frequency Raman study of the ferroelectric phase transition in a layered CuCl_4 -based organic-inorganic hybrid. Physical Review B, 2014, 89, .	3.2	25
49	Design of molecule-based magnetic conductors. Nano Research, 2014, 7, 1832-1842.	10.4	8
50	High-Purity Fe_3S_4 Greigite Microcrystals for Magnetic and Electrochemical Performance. Chemistry of Materials, 2014, 26, 5821-5829.	6.7	97
51	Search for potential minimum positions in metal-organic hybrids, $(\text{C}_2\text{H}_5\text{NH}_2)_2\text{CuCl}_4$ and $(\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{NH}_2)_2\text{CuCl}_4$, by using density functional theory. Journal of Physics: Conference Series, 2014, 551, 012054.	0.4	10
52	Thermochromic effects in a Jahn-Teller active CuCl_6^{4-} layered hybrid system. Journal of Physics Condensed Matter, 2013, 25, 505901.	1.8	26
53	Original superexchange and crystal field simultaneously at play in YVO_3 : Resonant inelastic x-ray scattering at the $\text{V}L$ edge and the $\text{O}K$ edge. Physical Review B, 2013, 87, 041101.	3.2	24
54	Dynamics of photo-excited electrons in magnetically ordered TbMnO_3 . Journal of Physics Condensed Matter, 2013, 25, 116007.	1.8	16

#	ARTICLE	IF	CITATIONS
55	Surface-enhanced charge-density-wave instability in underdoped Bi2Sr2-xLaxCuO6+δ. Nature Communications, 2013, 4, 1977.	12.8	21
56	Excess manganese as the origin of the low-temperature anomaly in NiMnSb. Physical Review B, 2013, 88, Antiferromagnetic S	3.2	9
57	Chain Driven by p -Orbital Ordering in CsO_2 . Probing orbital fluctuations in RVO	7.8	25
58	Spin lattice coupling in iron jarosite. Journal of Solid State Chemistry, 2012, 195, 50-54.	2.9	2
59	Ultrafast optical spectroscopy of the lowest energy excitations in the Mott insulator compound YVO ₃ : Evidence for Hubbard-type excitons. Physical Review B, 2012, 86, .	3.2	37
60	Structure and Electrical Conductivity of Hybrid Langmuir-Blodgett Films from BEDO-TTF and Fatty Acid. Journal of Physical Chemistry C, 2012, 116, 24130-24135.	3.1	6
61	Probing orbital fluctuations in RVO		

#	ARTICLE	IF	CITATIONS
73	Double-layered Aurivillius-type ferroelectrics with magnetic moments. Materials Research Bulletin, 2010, 45, 546-550.	5.2	26
74	A two-dimensional magnetic hybrid material based on intercalation of a cationic Prussian blue analog in montmorillonite nanoclay. Journal of Colloid and Interface Science, 2010, 348, 393-401.	9.4	11
75	Controlled tunnel-coupled ferromagnetic electrodes for spin injection in organic single-crystal transistors. Organic Electronics, 2010, 11, 743-747.	2.6	12
76	Magnetodielectric coupling in frustrated spin systems: the spinels $M\text{Cr}_2\text{O}_4$ ($M = \text{Tj, ET, Qq}$). <i>Journal of Applied Physics</i> , 2010, 108, 094101.	1.8	96
77	A comparative Raman study between YbVO_3 and YVO_3 . Journal of Physics: Conference Series, 2010, 200, 032025.	0.4	6
78	Critical phenomena and femtosecond ordering dynamics associated with electronic and spin-ordered phases in YVO_3 and GdVO_3 . Physical Review B, 2010, 81, .	3.2	17
79	A Langmuir-Schaefer approach for the synthesis of highly ordered organoclay thin films. Physical Chemistry Chemical Physics, 2010, 12, 12188.	2.8	25
80	Single-Layer Pentacene Field-Effect Transistors Using Electrodes Modified With Self-Assembled Monolayers. Advanced Materials, 2009, 21, 4109-4114.	21.0	98
81	Raman Studies of Vanadates at Low Temperatures and High Pressures. Journal of Superconductivity and Novel Magnetism, 2009, 22, 185-188.	1.8	6
82	Key role of molecular kinetic energy in early stages of pentacene island growth. Applied Physics A: Materials Science and Processing, 2009, 95, 21-27.	2.3	24
83	Changes of spin dynamics in multiferroic. Physica B: Condensed Matter, 2009, 404, 785-788.	2.7	3
84	Magnetodielectric coupling in MnCr_2O_4 spinel. Journal of Magnetism and Magnetic Materials, 2009, 321, 1767-1769.	2.3	33
85	Magnetodielectric coupling by exchange striction in $\text{Y}_2\text{Cu}_2\text{O}_5$. European Physical Journal B, 2009, 71, 393-399.	1.5	20
86	Magnetoelectric and multiferroic properties of ternary copper chalcogenides $\text{Cu}_2\text{M}_2\text{S}_4$ ($M = \text{II, IV}$). Journal of Physics Condensed Matter, 2009, 21, 176002.	1.8	20
87	Charge-transfer induced surface conductivity for a copper based inorganic-organic hybrid. Applied Physics Letters, 2009, 95, .	3.3	28
88	Scaling behavior of the magnetocapacitance of YbMnO_3 . Journal of Physics Condensed Matter, 2009, 21, 496002.	1.8	10
89	Competition between Jahn-Teller coupling and orbital fluctuations in HoVO_3 . Physical Review B, 2009, 79, .	3.2	24
90	Optically induced spin disorder in YVO_3 . Journal of Physics: Conference Series, 2009, 148, 012045.	0.4	1

#	ARTICLE	IF	CITATIONS
91	Magnetic field induced ferroelectric to relaxor crossover in $Tb_{1-x}Ca_xMnO_3$. Journal of Physics Condensed Matter, 2009, 21, 452203.	1.8	1
92	Superconductivity at the limit. Nature Materials, 2008, 7, 350-351.	27.5	8
93	Magnetodielectric coupling of a polar organic-inorganic hybrid Cr(II) phosphonate. Physical Review B, 2008, 78, .	3.2	22
94	Large Coupled Magnetoresponses in $EuNbO_2$. Journal of the American Chemical Society, 2008, 130, 12572-12573.	13.7	95
95	On the mechanism of charge transport in pentacene. Journal of Chemical Physics, 2008, 129, 044704.	3.0	46
96	Electronic Band Structure of Tetracene-TCNQ and Perylene-TCNQ Compounds. Journal of Physical Chemistry A, 2008, 112, 2497-2502.	2.5	46
97	Magnetoelectric coupling in the cubic ferrimagnet Cu_2O . Physical Review B, 2008, 78, .	3.2	135
98	Cross-Linking of Multiwalled Carbon Nanotubes with Polymeric Amines. Macromolecules, 2008, 41, 6141-6146.	4.8	58
99	Dynamics of Spin and Orbital Phase Transitions in YVO_3 . Physical Review Letters, 2008, 101, 245702.	7.8	21
100	Charge Transport in a Single Superconducting Tin Nanowire Encapsulated in a Multiwalled Carbon Nanotube. Nano Letters, 2008, 8, 3060-3064.	9.1	33
101	Continuous first-order orbital order-disorder transition in $Nd_{1-x}Ca_xMnO_3$. Journal of Physics Condensed Matter, 2008, 20, 434223.	1.8	1
102	Collective orbital excitations in orbitally ordered YVO_3 and $HoVO_3$. New Journal of Physics, 2008, 10, 053027.	2.9	23
103	Insulator-to-metal transition in Ca_2CoO_4 . Physical Review B, 2008, 78, .	3.2	26
104	Relaxor ferroelectric behavior in Ca-doped $TbMnO_3$. Physical Review B, 2008, 78, .	3.2	29
105	Magnetic and dielectric properties of $YbMnO_3$ thin films. Physical Review B, 2008, 78, .	3.2	23
106	Competing orbital ordering in Ca_2CoO_4 compounds: High-resolution x-ray diffraction and thermal expansion. Physical Review B, 2007, 76, .	3.2	64
107	Ferroelectric displacements in multiferroic $Y(Mn,Ga)O_3$. Physical Review B, 2007, 75, .	3.2	37
108	Controlling the Early Stages of Pentacene Growth by Supersonic Molecular Beam Deposition. Physical Review Letters, 2007, 98, 076601.	7.8	75

#	ARTICLE	IF	CITATIONS
109	Magnetic, structural, and dielectric properties of CuB ₂ O ₄ . Physical Review B, 2007, 76, .	3.2	18
110	Magnetic and magnetoelectric properties of $\text{Ho}_2\text{BaNi}_5\text{O}_{12}$. Physical Review B, 2007, 76, .	3.2	27
111	Crystal Growth, Structure, and Electronic Band Structure of Tetracene-TCNQ. Journal of Physical Chemistry C, 2007, 111, 3486-3489.	3.1	38
112	Enhancing the magnetoelectric coupling in YMnO ₃ by Ga doping. Physical Review B, 2007, 75, .	3.2	74
113	Selective co-aggregation of gold nanoparticles functionalised with complementary hydrogen-bonding groups. Chemical Communications, 2007, , 4922.	4.1	10
114	Characterization by X-ray Photoemission Spectroscopy of the Open and Closed Forms of a Dithienylethene Switch in Thin Films. Journal of Physical Chemistry C, 2007, 111, 16533-16537.	3.1	14
115	Experimental evidence for an intermediate phase in the multiferroic YMnO ₃ . Journal of Physics Condensed Matter, 2007, 19, 466212.	1.8	42
116	Selective Immobilization of Nanoparticles on Surfaces by Molecular Recognition using Simple Multiple H-bonding Functionalities. Advanced Functional Materials, 2007, 17, 2045-2052.	14.9	24
117	Interface-Controlled, High-Mobility Organic Transistors. Advanced Materials, 2007, 19, 688-692.	21.0	367
118	(p-Phenylenedimethylene)diammonium dichloride. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o869-o870.	0.2	3
119	(2-Phenylethyl)ammonium chloride. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2987-o2987.	0.2	1
120	Bis(2-phenylethylammonium) tetraaquadichloridonickel(II) dichloride dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2421-m2421.	0.2	0
121	Lattice effects in HoVO ₃ single crystal. Journal of Magnetism and Magnetic Materials, 2007, 316, e692-e694.	2.3	5
122	Prediction for new magnetoelectric fluorides. Journal of Physics Condensed Matter, 2007, 19, 406213.	1.8	25
123	Carbon Nanotubes Encapsulating Superconducting Single-Crystalline Tin Nanowires. Nano Letters, 2006, 6, 1131-1135.	9.1	86
124	The Influence of Defects on the Electron-Transfer and Magnetic Properties of RbxMn[Fe(CN) ₆]y·zH ₂ O. Chemistry of Materials, 2006, 18, 1951-1963.	6.7	47
125	Low-temperature structure of rubrene single crystals grown by vapor transport. Acta Crystallographica Section B: Structural Science, 2006, 62, 330-334.	1.8	285
126	Evidence for Electronic Phase Separation between Orbital Orderings in SmVO ₃ . Physical Review Letters, 2006, 96, 036401.	7.8	43

#	ARTICLE	IF	CITATIONS
127	Cation distribution and interatomic interactions in oxides with heterovalent isomorphism: X. Structure of the Ho ₂ SrAl ₂ O ₇ oxide at 100, 298, and 673 K. Russian Journal of General Chemistry, 2006, 76, 335-339.	0.8	2
128	Possible spin-glass state in SmSr-manganites as the origin of the magnetization jumps. Journal of Magnetism and Magnetic Materials, 2006, 300, e399-e402.	2.3	11
129	Rotaxane Functionalized Acid-Terminated Self-Assembled Siloxane Monolayers on Non-Conducting Surfaces - XPS, AFM and TRF. , 2006, , .		0
130	Ultrafast Photoconductivity in Organic Semiconductors. Materials Research Society Symposia Proceedings, 2006, 935, 1.	0.1	0
131	Ultrafast carrier dynamics in pentacene, functionalized pentacene, tetracene, and rubrene single crystals. Applied Physics Letters, 2006, 88, 162101.	3.3	107
132	Ferroelectricity in the cycloidal spiral magnetic phase of MnWO ₄ . Physical Review B, 2006, 74, .	3.2	201
133	Crossover from one- to two-dimensional space-charge-limited conduction in pentacene single crystals. Applied Physics Letters, 2006, 88, 122101.	3.3	17
134	The effect of oxygen exposure on pentacene electronic structure. European Physical Journal E, 2005, 17, 339-343.	1.6	98
135	Evidence for differentiation in the iron-helicoidal chain in GdFe ₃ (BO ₃) ₄ . Acta Crystallographica Section B: Structural Science, 2005, 61, 481-485.	1.8	111
136	Electronic transport properties of pentacene single crystals upon exposure to air. Applied Physics Letters, 2005, 87, 052102.	3.3	134
137	The Effect of Oxygen Exposure on Pentacene Thin Film Electronic Structure. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	0
138	The origin of ferroelectricity in magnetoelectric YMnO ₃ . Nature Materials, 2004, 3, 164-170.	27.5	1,081
139	Effect of ionic size on the orbital ordering transition in RMnO ₃ + \hat{I} . New Journal of Physics, 2004, 6, 153-153.	2.9	37
140	Influence of magnetic on ferroelectric ordering in LuMnO ₃ . Physical Review B, 2004, 69, .	3.2	52
141	Effect of impurities on the mobility of single crystal pentacene. Applied Physics Letters, 2004, 84, 3061-3063.	3.3	837
142	Quenched-disorder-induced magnetization jumps in (Sm,Sr)MnO ₃ . Physical Review B, 2004, 70, .	3.2	79
143	Evidence for orbital ordering in LaCoO ₃ . Physical Review B, 2003, 67, .	3.2	222
144	Orbital-Order-Induced Metal-Insulator Transition in La _{1-x} CaxMnO ₃ . Physical Review Letters, 2003, 90, 066403.	7.8	93

#	ARTICLE	IF	CITATIONS
145	Identification of polymorphs of pentacene. <i>Synthetic Metals</i> , 2003, 138, 475-481.	3.9	279
146	Anisotropy of the mobility of pentacene from frustration. <i>Synthetic Metals</i> , 2003, 139, 109-114.	3.9	125
147	Modeling the Polymorphism of Pentacene. <i>Journal of the American Chemical Society</i> , 2003, 125, 6323-6330.	13.7	214
148	Diffusive motion of antiphase domain boundaries in Fe ₃ O ₄ films. <i>Physical Review B</i> , 2003, 68, .	3.2	101
149	Spin-Polarized Transport across Sharp Antiferromagnetic Boundaries. <i>Physical Review Letters</i> , 2002, 88, 247204.	7.8	269
150	Structural response to O ²⁺ and magnetic transitions in orthorhombic perovskites. <i>Physical Review B</i> , 2002, 66, .	3.2	24
151	Neutron diffraction, x-ray diffraction, and specific heat studies of orbital ordering in YVO ₃ . <i>Physical Review B</i> , 2002, 65, .	3.2	107
152	Origin of the increased resistivity in epitaxial Fe ₃ O ₄ films. <i>Physical Review B</i> , 2002, 66, .	3.2	199
153	Band Electronic Structure of One- and Two-Dimensional Pentacene Molecular Crystals. <i>Journal of Physical Chemistry B</i> , 2002, 106, 8288-8292.	2.6	122
154	A 2:1 cocrystal of 6,13-dihydropentacene and pentacene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1229-o1231.	0.2	24
155	Charge and Sodium Ordering in $\hat{\Gamma}^2$ -Na _{0.33} V ₂ O ₃ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2002, 15, 587-590.	0.5	7
156	Site Disorder Induced Hexagonal \leftrightarrow Orthorhombic Transition in Y _{3+1-x} Gd _{3+x} MnO ₃ . <i>Chemistry of Materials</i> , 2001, 13, 4804-4807.	6.7	24
157	Asymmetry of electron and hole doping in YMnO ₃ . <i>Physical Review B</i> , 2001, 63, .	3.2	63
158	Hexagonal YMnO ₃ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 230-232.	0.4	94
159	Polymorphism in pentacene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 939-941.	0.4	307
160	Hexagonal ErMnO ₃ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, i38-i40.	0.2	24
161	Hexagonal YbMnO ₃ revisited. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, i87-i89.	0.2	22
162	Hexagonal LuMnO ₃ revisited. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, i101-i103.	0.2	31

#	ARTICLE	IF	CITATIONS
163	Spin-valve behaviour of anti-ferromagnetic boundaries in ultrathin magnetite films. <i>Thin Solid Films</i> , 2001, 400, 90-94.	1.8	20
164	Transition between Orbital Orderings in YVO ₃ . <i>Physical Review Letters</i> , 2001, 87, 245501.	7.8	120
165	Self-Assembly of Low-Dimensional Arrays of Thiophene Oligomers from Solution on Solid Substrates. <i>Advanced Materials</i> , 2000, 12, 563-566.	21.0	40
166	Spin-Peierls transition in NaV ₂ O ₅ in high magnetic fields. <i>Physical Review B</i> , 2000, 61, R13321-R13324.	3.2	14
167	Spin-Singlet Clusters in the Ladder Compound NaV ₂ O ₅ . <i>Physical Review Letters</i> , 2000, 84, 3962-3965.	7.8	45
168	Magnetic properties of YVO ₃ single crystals. <i>Physical Review B</i> , 2000, 62, 6577-6586.	3.2	148
169	Self-Assembly of Low-Dimensional Arrays of Thiophene Oligomers from Solution on Solid Substrates. , 2000, 12, 563.		1
170	Systematics of c-axis phonons in the thallium- and bismuth-based cuprate superconductors. <i>Physical Review B</i> , 1999, 60, 13196-13205.	3.2	32
171	Temperature-induced magnetization reversal in a YVO ₃ single crystal. <i>Nature</i> , 1998, 396, 441-444.	27.8	276
172	Inversion Symmetry in the Spin-Peierls Compound $\hat{\Gamma}_2^-$ -NaV ₂ O ₅ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1558-1561.	0.4	78
173	Superparamagnetic behavior of structural domains in epitaxial ultrathin magnetite films. <i>Physical Review B</i> , 1998, 57, R8107-R8110.	3.2	211
174	Direct Two-Magnon Optical Absorption in $\hat{\Gamma}_2^-$ -NaV ₂ O ₅ : ϵ -Charged Magnons. <i>Physical Review Letters</i> , 1998, 81, 918-921.	7.8	86
175	Photoemission and electron-energy-loss-spectroscopy study of C ₆₀ monolayers adsorbed on Cs-precovered Au(110) and of bulk distilled C ₆₀ . <i>Physical Review B</i> , 1997, 55, 7889-7903.	3.2	30
176	Localization of substrate-induced modification in the electronic structure of C ₆₀ at fullerene-metal interfaces. <i>Physical Review B</i> , 1997, 55, 7882-7888.	3.2	27
177	Transport mechanisms in doped LaMnO ₃ : Evidence for polaron formation. <i>Physical Review B</i> , 1997, 56, 5104-5107.	3.2	157
178	Molecular materials from 1,3,2-dithiazolyls. Solid-state structures and magnetic properties of 2,3-naphthalene and quinoxaline derivatives. <i>Chemical Communications</i> , 1997, , 873-874.	4.1	37
179	The Heterocyclic Diradical Benzo-1,2:4,5-bis(1,3,2-dithiazolyl). <i>Electronic, Molecular and Solid State Structure</i> . <i>Journal of the American Chemical Society</i> , 1997, 119, 2633-2641.	13.7	90
180	Thermoelectric and magnetic properties of Cr _{1-x} V _x Si ₂ solid solutions. <i>Journal of Alloys and Compounds</i> , 1997, 248, 70-76.	5.5	16

#	ARTICLE	IF	CITATIONS
181	Structure and superconductivity in alkali-ammonia complex fullerides. Journal of Physics and Chemistry of Solids, 1997, 58, 1697-1705.	4.0	10
182	Electric current induced light emission from C ₆₀ . Carbon, 1997, 35, 1825-1831.	10.3	8
183	Iodine Charge-Transfer Salts of Benzene-Bridged Bis(1,2,3,5-diselenadiazolyl) Diradicals. Electrocrystallization and Solid-State Characterization of 1,3- and 1,4-[(Se ₂ N ₂ C) ₆ H ₄ (CN ₂ Se ₂)] ₂ [I]. Chemistry of Materials, 1996, 8, 762-768.	6.7	12
184	Mixed Radical/Iodine Charge-Transfer Salts of Dithiadiazolyl Diradicals. Structural Characterization of the Pyridine-Bridged 2:1 Salt 2,6-[(S ₂ N ₂ C) ₅ H ₃ N(CN ₂ S ₂)] ₂ [I]. Chemistry of Materials, 1996, 8, 2774-2778.	6.7	9
185	Preparation and Characterization of the Disjoint Diradical 4,4'-Bis(1,2,3,5-dithiadiazolyl) [S ₂ N ₂ Câˆ™CN ₂ S ₂] and Its Iodine Charge Transfer Salt [S ₂ N ₂ Câˆ™CN ₂ S ₂] ₂ [I]. Journal of the American Chemical Society, 1996, 118, 330-338.	13.7	69
186	Thermodynamic and Electron Diffraction Signatures of Charge and Spin Ordering in La _{1-x} Ca _x MnO ₃ . Physical Review Letters, 1996, 76, 3188-3191.	7.8	434
187	Metal-insulator transition in ammoniated K ₃ C ₆₀ . Physical Review B, 1996, 53, R8836-R8839.	3.2	72
188	Synthesis and properties of mixed alkali-metal "alkaline-earth fullerides. Physical Review B, 1996, 54, 11981-11984.	3.2	20
189	T _{cv} s Carrier Concentration in Cubic Fulleride Superconductors. Physical Review Letters, 1996, 77, 167-170.	7.8	105
190	Colossal magnetoresistance in La-Y-Ca-Mn-O films. IEEE Transactions on Magnetics, 1996, 32, 4692-4694.	2.1	8
191	Structural and electronic properties of (NH ₃) _x K ₃ C ₆₀ . Physical Review B, 1995, 52, 483-489.	3.2	62
192	Antiferromagnetism and Its Relation to the Superconducting Phases of UPt ₃ . Physical Review Letters, 1995, 75, 1178-1181.	7.8	69
193	Relation between magnetic and structural anisotropy in the Ni ₂₃ Se ₁₂ (PEt ₃) ₁₃ cluster compound. Physical Review B, 1995, 51, 9337-9340.	3.2	2
194	Charge Transfer Salts of Benzene-Bridged 1,2,3,5-Dithiadiazolyl Diradicals. Preparation, Structures, and Transport Properties of 1,3- and 1,4-[(S ₂ N ₂ C) ₆ H ₄ (CN ₂ S ₂)] ₂ [X] (X = I, Br). Journal of the American Chemical Society, 1995, 117, 6880-6888.	13.7	52
195	Pressure effects on the magnetoresistance in doped manganese perovskites. Physical Review B, 1995, 52, 15046-15049.	3.2	300
196	C ₆₀ thin film transistors. Applied Physics Letters, 1995, 67, 121-123.	3.3	546
197	Electrical resistivity and stoichiometry of K _x C ₆₀ , Rb _x C ₆₀ , and Cs _x C ₆₀ films. Chemical Physics Letters, 1994, 218, 100-106.	2.6	29
198	Electronic properties of metal doped fullerides. Solid State Communications, 1994, 92, 71-81.	1.9	24

#	ARTICLE	IF	CITATIONS
199	Fermi-liquid behavior in the electrical resistivity of K_3C_6O and Rb_3C_6O . <i>Physical Review B</i> , 1994, 50, 3462-3465.	3.2	37
200	Preparation and solid state characterization of 4,4'-bis(1,2,3,5-dithiadiazolyl). <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1447-1448.	2.0	26
201	Molecular conductors from neutral-radical charge-transfer salts: preparation and characterization of an I doped hexagonal phase of 1,2,3,5-dithiadiazolyl ($[HCN_2S_2]$, bul.). <i>Journal of the American Chemical Society</i> , 1994, 116, 1205-1210.	13.7	63
202	Charge-Transfer Complexes of 4-phenyl-1,2,3,5-dithiadiazolyl and 4-Phenyl-1,2,3,5-diselenadiazolyl with Iodine. Preparation and Solid-State Characterization of $[PhCN_2E_2]_3[I_3]$ (E = S, Se) and $[PhCN_2S_2][I_3]$. <i>Chemistry of Materials</i> , 1994, 6, 508-515.	6.7	33
203	Conducting charge-transfer salts based on neutral \dot{C} -radicals. <i>Nature</i> , 1993, 365, 821-823.	27.8	79
204	Hexakis(triethylphosphine)octatelluridohexachromium and a molecule-based synthesis of chromium telluride, Cr_3Te_4 . <i>Inorganic Chemistry</i> , 1993, 32, 5165-5169.	4.0	66
205	Preparation and solid-state structural, electronic, and magnetic properties of the 5-cyano-1,3-benzene-bridged bis(1,2,3,5-dithiadiazolyl) and bis(1,2,3,5-diselenadiazolyl) $[5-CN-1,3-C_6H_3(CN_2E_2)_2]$ (E = S, Se). <i>Chemistry of Materials</i> , 1993, 5, 820-825.	6.7	30
206	Electron correlations on a mesoscopic scale: Magnetic properties of transition metal telluride cluster compounds. <i>Physical Review Letters</i> , 1993, 71, 1768-1771.	7.8	21
207	Absence of saturation in the normal-state resistivity of thin films of K_3C_6O and Rb_3C_6O . <i>Physical Review B</i> , 1993, 48, 9945-9948.	3.2	86
208	Thermally Activated Dissipation in $Bi_2.2Sr_2Ca_0.8Cu_2O_{a+\delta}$. <i>Perspectives in Condensed Matter Physics</i> , 1993, , 288-291.	0.1	0
209	Spin gap and antiferromagnetic correlations in the Kondo insulator $CeNiSn$. <i>Physical Review Letters</i> , 1992, 69, 490-493.	7.8	178
210	Electronic transport properties of K_3C_6O films. <i>Physical Review Letters</i> , 1992, 68, 1054-1057.	7.8	140
211	Evidence of upper-critical-field enhancement in K_3C_6O powders. <i>Physical Review B</i> , 1992, 46, 5876-5879.	3.2	51
212	Preparation and solid state characterization of 1,2,3,5-diselenadiazolyl $[HCN_2Se_2]$?. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1265.	2.0	24
213	Preparation and solid-state structural, electronic, and magnetic properties of the 1,3,5-benzene-bridged tris(1,2,3,5-dithiadiazolyl) $[1,3,5-C_6H_3(CN_2S_2)_3]$. <i>Journal of the American Chemical Society</i> , 1992, 114, 5000-5004.	13.7	52
214	Polymorphism of 1,3-phenylene bis(diselenadiazolyl). Solid-state structural and electronic properties of .beta.-1,3- $[(Se_2N_2C)C_6H_4(CN_2Se_2)]$. <i>Journal of the American Chemical Society</i> , 1992, 114, 1729-1732.	13.7	51
215	Preparation and solid-state structures of (cyanophenyl)dithia- and (cyanophenyl)diselenadiazolyl radicals. <i>Inorganic Chemistry</i> , 1992, 31, 1802-1808.	4.0	89
216	Conductivity and Superconductivity in Alkali Metal Doped C_{60} . <i>ACS Symposium Series</i> , 1992, , 71-89.	0.5	12

#	ARTICLE	IF	CITATIONS
217	One-dimensional stacking of bifunctional dithia- and diselenadiazolyl radicals: preparation and structural and electronic properties of 1,3-[(E2N2C)C6H4(CN2E2)] (E = sulfur, selenium). Journal of the American Chemical Society, 1991, 113, 3559-3568.	13.7	99
218	Superconductivity at 18 K in potassium-doped C60. Nature, 1991, 350, 600-601.	27.8	2,964
219	Role of anisotropy in the dissipative behavior of high-temperature superconductors. Physical Review B, 1991, 43, 3756-3759.	3.2	64
220	Superconductivity at 28 K in RbxC60. Physical Review Letters, 1991, 66, 2830-2832.	7.8	848
221	Superconducting phases of URu2Si2. Physical Review B, 1991, 44, 5392-5395.	3.2	50
222	Magnetic and electrical properties of La2-xSrxNiO4±δ. Physical Review B, 1991, 43, 1229-1232.	3.2	137
223	Dissipative flux motion in high-temperature superconductors. Physical Review B, 1990, 41, 6621-6632.	3.2	676
224	Transport entropy of vortex motion in YBa2Cu3O7. Physical Review Letters, 1990, 64, 3090-3093.	7.8	165
225	Critical currents and thermally activated flux motion in high-temperature superconductors. Applied Physics Letters, 1989, 54, 763-765.	3.3	319
226	Flux Dynamics and Electronic Anisotropy in High-Tc Superconductors. Springer Series in Solid-state Sciences, 1989, , 368-374.	0.3	3
227	Thermally Activated Dissipation in Bi2.2Sr2Ca0.8Cu2O8+δ. Physical Review Letters, 1988, 61, 1662-1665.	7.8	824
228	Electrical and magnetic properties of semiconducting ternary U compounds: UTSn and UTsb. Journal of Applied Physics, 1988, 63, 4279-4281.	2.5	28
229	Angular dependence of the upper critical field of Bi2.2Sr2Ca0.8Cu2O8+δ. Physical Review B, 1988, 38, 5102-5105.	3.2	210
230	Anisotropy of the upper critical field in the magnetic heavy-fermion superconductor URu2Si2. Journal of Applied Physics, 1988, 63, 3414-3416.	2.5	9
231	Transverse fluctuations in an Ising spin-glass: Fe0.4Mg0.6Cl2. Physical Review Letters, 1987, 58, 1276-1279.	7.8	20
232	Magnetic excitations and ordering in the heavy-electron superconductor URu2Si2. Physical Review Letters, 1987, 58, 1467-1470.	7.8	529
233	The stability of the ferromagnetic state in La(Fe0.86Al0.14)13 under high pressure. Solid State Communications, 1987, 63, 177-180.	1.9	18
234	Magnetic and electrical properties of several equiatomic ternary U-compounds. Journal of Magnetism and Magnetic Materials, 1987, 67, 331-342.	2.3	118

#	ARTICLE	IF	CITATIONS
235	Specific heat, susceptibility and high-field magnetisation experiments on heavy fermion UPt ₃ alloyed with Pd. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 113, 489-494.	2.1	64
236	The crystal growth and characterization of CeT ₂ Si ₂ ternary intermetallics (T = Ni, Pd, Pt). Journal of Crystal Growth, 1986, 74, 231-235.	1.5	20
237	Crystal growth and characterization of MT ₂ Si ₂ ternary intermetallics (M = U, RE and T = 3d, 4d, 5d) Tj ETQq1 1 0.784314 rgBT /Overlaid	1.5	19
238	Anisotropic electrical resistivity of the magnetic heavy-fermion superconductor URu ₂ Si ₂ . Physical Review B, 1986, 33, 6527-6530.	3.2	181
239	Superconductivity in the ternary rare-earth (Y, La, and Lu) compounds RPd ₂ Si ₂ and RRh ₂ Si ₂ . Physical Review B, 1986, 34, 4566-4570.	3.2	50
240	Magnetic properties of La(FexAl _{1-x}) ₁₃ determined via neutron scattering and Mössbauer spectroscopy. Physical Review B, 1986, 34, 169-173.	3.2	78
241	Superconducting and Magnetic Transitions in the Heavy-Fermion System URu ₂ Si ₂ . Physical Review Letters, 1985, 55, 2727-2730.	7.8	909
242	Coexistence of Spin-Glass and Antiferromagnetic Orders in the Ising System Fe _{0.55} Mg _{0.45} Cl ₂ . Physical Review Letters, 1985, 55, 2043-2046.	7.8	123
243	Mictomagnetic, ferromagnetic, and antiferromagnetic transitions in La(FexAl _{1-x}) ₁₃ intermetallic compounds. Physical Review B, 1985, 31, 4622-4632.	3.2	170
244	Metamagnetic transitions in cubic La(FexAl _{1-x}) ₁₃ intermetallic. Journal of Physics F: Metal Physics, 1984, 14, 1961-1966.	1.6	46
245	Spin fluctuations and superconductivity in UPt ₃ . Journal of Physics F: Metal Physics, 1984, 14, L191-L196.	1.6	54
246	Magnetic properties of cubic La(FexAl _{1-x}) ₁₃ intermetallic compounds. Journal of Applied Physics, 1984, 55, 2367-2369.	2.5	47
247	Bulk superconductivity in the heavy-fermion superconductor UPt ₃ . Physical Review B, 1984, 30, 2986-2988.	3.2	38
248	Magnetic behaviour of the cubic La(Fe,Al) ₁₃ compounds. Hyperfine Interactions, 1983, 16, 717-720.	0.5	20
249	Study of the critical behaviour of the magnetization and electrical resistivity in cubic La(Fe, Si) ₁₃ compounds. Journal of Magnetism and Magnetic Materials, 1983, 36, 290-296.	2.3	217
250	Crystal-structure transformations and magnetic-ordering phenomena in GdCu _{1-x} Gax. Physical Review B, 1983, 27, 1887-1902.	3.2	44
251	The Magneto-Electric Properties of RMnO ₃ Compounds. , 0, , 391-399.		1
252	Growth and Helicity of Noncentrosymmetric Cu ₂ OSeO ₃ Crystals. Physica Status Solidi (B): Basic Research, 0, , 2100152.	1.5	2