

# David E Graf

## List of Publications by Year in descending order

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200  
papers

7,520  
citations

87888

38  
h-index

60623

81  
g-index

201  
all docs

201  
docs citations

201  
times ranked

8089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic states of metallic electric toroidal quadrupole order in $\text{CdO}$ determined by combining quantum oscillations and electronic structure calculations. <i>Physical Review B</i> , 2022, 105, .	3.2	5
2	Toward tunable quantum transport and novel magnetic states in $\text{Eu}_{1-x}\text{Sr}_x\text{Mn}_2\text{Sb}_2$ ( $z \leq 0.05$ ). <i>NPG Asia Materials</i> , 2022, 14, .	7.9	8
3	Fermi surface transformation at the pseudogap critical point of a cuprate superconductor. <i>Nature Physics</i> , 2022, 18, 558-564.	16.7	20
4	Discovery of quantum phases in the Shastry-Sutherland compound $\text{SrCu}_2(\text{BO}_3)_2$ under extreme conditions of field and pressure. <i>Nature Communications</i> , 2022, 13, 2301.	12.8	23
5	Anomalous high-field magnetotransport in $\text{CaFeAsF}$ due to the quantum Hall effect. <i>Npj Quantum Materials</i> , 2022, 7, .	5.2	1
6	Investigation of the monopole magneto-chemical potential in spin ices using capacitive torque magnetometry. <i>Nature Communications</i> , 2022, 13, .	12.8	2
7	Scale-invariant magnetic anisotropy in $\text{RuCl}_3$ at high magnetic fields. <i>Nature Physics</i> , 2021, 17, 240-244.	16.7	25
8	Noncollinear ferromagnetic Weyl semimetal with anisotropic anomalous Hall effect. <i>Physical Review B</i> , 2021, 103, .	3.2	42
9	Quasi-two-dimensional relativistic fermions probed by de Haas-van Alphen quantum oscillations in $\text{LuSn}_2$ . <i>Physical Review B</i> , 2021, 103, .	3.2	2
10	Crystalline symmetry-protected non-trivial topology in prototype compound $\text{BaAl}_4$ . <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	7
11	Effect of pressure on the pseudogap and charge density wave phases of the cuprate $\text{Nd-LSCO}$ probed by thermopower measurements. <i>Physical Review Research</i> , 2021, 3, .	3.6	3
12	Quantum Transport of the 2D Surface State in a Nonsymmorphic Semimetal. <i>Nano Letters</i> , 2021, 21, 4887-4893.	9.1	15
13	Topologically driven linear magnetoresistance in helimagnetic $\text{FeP}$ . <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	18
14	Quantum oscillations in the field-induced ferromagnetic state of $\text{MnBi}$ . <i>Physical Review B</i> , 2021, 103, .	3.2	11
15	Constraining the parameter space of a quantum spin liquid candidate in applied field with iterative optimization. <i>Physical Review Research</i> , 2021, 3, .	3.6	6
16	Linear-in temperature resistivity from an isotropic Planckian scattering rate. <i>Nature</i> , 2021, 595, 667-672.	27.8	55
17	Localized 4f-electrons in the quantum critical heavy fermion ferromagnet $\text{CeRh}_6\text{Ge}_4$ . <i>Science Bulletin</i> , 2021, 66, 1389-1394.	9.0	14
18	Evidence for a Magnetic-Field-Induced Ideal Type-II Weyl State in Antiferromagnetic Topological Insulator $\text{MnBi}_2\text{Te}_4$ . <i>Physical Review Letters</i> , 2021, 126, 177201.	8.9	30

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19	Weyl-mediated helical magnetism in NdAlSi. Nature Materials, 2021, 20, 1650-1656.	27.5	48
20	Expansion of the high field-boosted superconductivity in UTe <sub>2</sub> under pressure. Npj Quantum Materials, 2021, 6, .	5.2	15
21	Evidence of two-dimensional flat band at the surface of antiferromagnetic kagome metal FeSn. Nature Communications, 2021, 12, 5345.	12.8	34
22	Phase diagram of YbZnGaO <sub>4</sub> in applied magnetic field. Npj Quantum Materials, 2021, 6, .	5.2	7
23	Signatures of bosonic Landau levels in a finite-momentum superconductor. Nature, 2021, 599, 51-56.	27.8	5
24	Quantum oscillations with angular dependence in PdTe <sub>2</sub> single crystals. Journal of Physics Condensed Matter, 2021, 33, 035601.	1.8	8
25	Anomalous magnetic exchange in a dimerized quantum magnet composed of unlike spin species. Physical Review B, 2021, 104, .	3.2	2
26	Signatures of a Quantum Griffiths Phase Close to an Electronic Nematic Quantum Phase Transition. Physical Review Letters, 2021, 127, 246402.	7.8	11
27	Quenched nematic criticality and two superconducting domes in an iron-based superconductor. Nature Physics, 2020, 16, 89-94.	16.7	46
28	Dirac fermions and flat bands in the ideal kagome metal FeSn. Nature Materials, 2020, 19, 163-169.	27.5	367
29	Néel-type antiferromagnetic order and magnetic field-temperature phase diagram in the spin-rare-earth honeycomb compound YbCl <sub>3</sub> . Physical Review B, 2020, 102, .	3.2	40
30	Tuning magnetic confinement of spin-triplet superconductivity. Npj Quantum Materials, 2020, 5, .	5.2	31
31	Quantum-critical scale invariance in a transition metal alloy. Communications Physics, 2020, 3, .	5.3	22
32	High Fermi velocities and small cyclotron masses in LaAlGe. Applied Physics Letters, 2020, 117, .	3.3	8
33	Three-dimensional Fermi surface and small effective masses in Mo <sub>8</sub> Ga <sub>41</sub> . Applied Physics Letters, 2020, 116, 202601.	3.3	6
34	Fermi surface of PtCo <sub>2</sub> from quantum oscillations and electronic structure calculations. Physical Review B, 2020, 101, .	3.2	17
35	Evidence from transport measurements for YRh <sub>6</sub> Ge <sub>4</sub> being a triply degenerate nodal semimetal. Physical Review B, 2020, 101, .	3.2	4
36	Exceptionally large anomalous Hall effect due to anticrossing of spin-split bands in the antiferromagnetic half-Heusler compound TbPtBi. Physical Review B, 2020, 101, .	3.2	24

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37	Anomalous high-magnetic field electronic state of the nematic superconductors $\text{FeSe}_{1-x}\text{S}_x$ . Physical Review Research, 2020, 2, .	3.6	26
38	Instability of the f -electron state in $\text{URu}_2\text{Si}_2$ probed using high magnetic fields. Physical Review B, 2019, 99, .	3.2	3
39	Emergence of intrinsic superconductivity below 1.178 K in the topologically non-trivial semimetal state of $\text{CaSn}_3$ . Journal of Physics Condensed Matter, 2019, 31, 245703.	1.8	6
40	Electrical and magnetic properties of thin films of the spin-filter material $\text{CrVTiAl}$ . Physical Review B, 2019, 99, .	3.2	11
41	de Haas-van Alphen effect of correlated Dirac states in kagome metal $\text{Fe}_3\text{Sn}_2$ . Nature Communications, 2019, 10, 4870.	12.8	48
42	Switching 2D magnetic states via pressure tuning of layer stacking. Nature Materials, 2019, 18, 1298-1302.	27.5	358
43	Origin of the butterfly magnetoresistance in a Dirac nodal-line system. Physical Review B, 2019, 100, .	3.2	13
44	Tuning superconductivity in twisted bilayer graphene. Science, 2019, 363, 1059-1064.	12.6	1,460
45	Enhanced thermoelectric performance of heavy-fermion compounds $\text{YbTM}_2\text{Zn}_{20}$ ( $\text{TM} = \text{Co}, \text{Rh}, \text{Ir}$ ) at low temperatures. Science Advances, 2019, 5, eaaw6183.	10.3	11
46	Emergent bound states and impurity pairs in chemically doped Shastry-Sutherland system. Nature Communications, 2019, 10, 2439.	12.8	12
47	Structural and electronic properties of the spin-filter material $\text{CrVTiAl}$ with disorder. Journal of Applied Physics, 2019, 125, .	2.5	11
48	Vortex excitations in the insulating state of an oxide interface. Physical Review B, 2019, 99, .	3.2	5
49	Pressure-tuning the quantum spin Hamiltonian of the triangular lattice antiferromagnet $\text{Cs}_2\text{CuCl}_4$ . Nature Communications, 2019, 10, 1064.	12.8	34
50	Enhanced Néel temperature in $\text{EuSnP}$ under pressure. Dalton Transactions, 2019, 48, 5327-5334.	3.3	3
51	Enhancement of the effective mass at high magnetic fields in $\text{CeRhIn}_5$ . Physical Review B, 2019, 99, .	3.2	15
52	Nontrivial topology in the layered Dirac nodal-line semimetal candidate $\text{SrZnSb}_2$ with distorted Sb square nets. Physical Review B, 2019, 100, .	3.2	12
53	Extreme magnetic field-boosted superconductivity. Nature Physics, 2019, 15, 1250-1254.	16.7	138
54	Electronic, Magnetic, and Theoretical Characterization of $(\text{NH}_4)_4\text{UF}_8$ , a Simple Molecular Uranium(IV) Fluoride. Inorganic Chemistry, 2019, 58, 637-647.	4.0	12



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73	Application of an atomic force microscope piezocantilever for dilatometry under extreme conditions. Measurement Science and Technology, 2017, 28, 065006.	2.6	1
74	Simultaneous detection of quantum oscillations from bulk and topological surface states in metallic. Philosophical Magazine, 2017, 97, 1740-1754.	1.6	15
75	Evolution of the Fermi surface of BiTeCl with pressure. Journal of Physics Condensed Matter, 2017, 29, 295702.	1.8	4
76	Weak antilocalization effect due to topological surface states in Bi <sub>2</sub> Se <sub>2.1</sub> Te <sub>0.9</sub> . Journal of Applied Physics, 2017, 122, .	2.5	21
77	Unusual interlayer quantum transport behavior caused by the zeroth Landau level in YbMnBi <sub>2</sub> . Nature Communications, 2017, 8, 646.	12.8	35
78	Anisotropy of the Seebeck Coefficient in the Cuprate Superconductor $\frac{YBaCuO}{Oy}$	3.2	17
79	Thermodynamic and electrical transport investigation of URu <sub>2</sub> Si <sub>2</sub> xPx. Journal of Physics Condensed Matter, 2017, 29, 024004.	1.8	7
80	Phase diagram of URu <sub>2</sub> Fe <sub>2</sub> Si <sub>2</sub> in high magnetic fields. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9826-9831.	7.1	12
81	Large magnetoresistance in the type-II Weyl semimetal $WP_2$	3.2	17
82	Quantum oscillations in metallicSb <sub>2</sub> Te <sub>2</sub> topological insulator. Physical Review B, 2017, 95, .	3.2	17
83	A magnetic topological semimetal Sr <sub>1-y</sub> Mn <sub>1-z</sub> Sb <sub>2</sub> (y, z < 0.1). Nature Materials, 2017, 16, 905-910.	27.5	135
84	Possible devil's staircase in the Kondo lattice CeSbSe. Physical Review B, 2017, 96, .	3.2	20
85	Quantum oscillations in the anomalous spin density wave state of FeAs. Physical Review B, 2017, 96, .	3.2	3
86	Pseudogap phase of cuprate superconductors confined by Fermi surface topology. Nature Communications, 2017, 8, 2044.	12.8	60
87	Large magnetoresistance and Fermi surface study of Sb <sub>2</sub> Se <sub>2</sub> Te single crystal. Journal of Applied Physics, 2017, 122, 125901.	2.5	11
88	Magnetotransport properties of $MoP_2$	3.2	17
89	Quantum oscillations of the topological semimetal candidate $ZrGeM$	3.2	17
90	Anomalous Thermal Conductivity and Magnetic Torque Response in the Honeycomb Magnet $RuCl_3$	7.8	153

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91	Extremely large nonsaturating magnetoresistance and ultrahigh mobility due to topological surface states in the metallic $\text{Bi}_2\text{Te}_3$ topological insulator. Physical Review B, 2017, 95, .	3.2	63
92	Correlated electron state in $\text{CeCu}_2\text{Si}_2$ controlled through Si to P substitution. Physical Review Materials, 2017, 1, .	2.4	2
93	Properties of novel metamorphic III-V materials with ultra-low bandgaps (Conference Presentation), 2017, .		0
94	Electronic structure and magnetism in the layered triangular lattice compound $\text{CeAuAl}_4$ . Physical Review Materials, 2017, 1, .		
95	Interplanar coupling-dependent magnetoresistivity in high-purity layered metals. Nature Communications, 2016, 7, 10903.	12.8	44
96	Unfolding the physics of $\text{URu}_2\text{Si}_2$ through silicon to phosphorus substitution. Nature Communications, 2016, 7, 10712.	12.8	25
97	$\pi$ Berry phase and Zeeman splitting of Weyl semimetal TaP. Scientific Reports, 2016, 6, 18674.	3.3	117
98	Nearly massless Dirac fermions hosted by Sb square net in $\text{BaMnSb}_2$ . Scientific Reports, 2016, 6, 30525.	3.3	75
99	Use of Halogen Bonding in a Molecular Solid Solution to Simultaneously Control Spin and Charge. Chemistry of Materials, 2016, 28, 7276-7286.	6.7	7
100	Large Fermi Surface of Heavy Electrons at the Border of Mott Insulating State in $\text{NiS}_2$ . Scientific Reports, 2016, 6, 25335.	3.3	21
101	Interlayer electronic transport in $\text{CaMnBi}_2$ . Physical Review B, 2016, 94, .		
102	Shubnikov-de Haas Effect and Angular-Dependent Magnetoresistance in Layered Organic Conductor $\text{P}^{\pm}\text{â€}(\text{ET})(\text{TCNQ})$ . Journal of the Physical Society of Japan, 2016, 85, 084701.	1.6	0
103	Temperature-pressure phase diagram of cubic Laves phase $\text{Au}_2\text{Pb}$ . Physical Review B, 2016, 93, .	3.2	14
104	Wiedemann-Franz law in the underdoped cuprate superconductor $\text{YBaCu}_2\text{O}_y$ . Physical Review B, 2016, 93, .	3.2	29
105	Fermi surface reconstruction in $\text{FeSe}$ under high pressure. Physical Review B, 2016, 93, .	3.2	35
106	Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in $\text{BaMnBi}_2$ . Physical Review B, 2016, 93, .		
107	Superconducting subphase in the layered perovskite ruthenate $\text{Sr}_2\text{RuO}_6$ in a parallel magnetic field. Physical Review B, 2016, 93, .		
108	Evidence of Topological Nodal-Line Fermions in $\text{ZrSiSe}$ and $\text{ZrSiTe}$ . Physical Review Letters, 2016, 117, 016602.	7.8	378

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109	Critical Doping for the Onset of Fermi-Surface Reconstruction by Charge-Density-Wave Order in the Cuprate Superconductor $\text{La}_{1-x}\text{Bi}_x\text{Cu}_2(\text{BO}_3)_2$ . Physical Review X, 2016, 6, .	8.9	28
110	Crystallization of spin superlattices with pressure and field in the layered magnet $\text{SrCu}_2(\text{BO}_3)_2$ . Nature Communications, 2016, 7, 11956.	12.8	40
111	Complex superconductivity in the noncentrosymmetric compound $\text{Re}_6\text{Zr}$ . Physical Review B, 2016, 94, .	3.2	32
112	Magnetotransport study of Dirac fermions in $\text{YbMnBi}_2$ . Physical Review B, 2016, 94, .	3.2	11
113	Phase Boundary in a Superconducting State of $\text{Fe}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$ : Evidence of the Ferrell-Larkin-Ovchinnikov Phase. Journal of the Physical Society of Japan, 2015, 84, 034703.	1.6	29
114	Unconventional Magnetic and Resistive Hysteresis in an Iodine-Bonded Molecular Conductor. Angewandte Chemie - International Edition, 2015, 54, 10169-10172.	13.8	5
115	Possible quantum Hall effect in a magnetic-field-induced phase transition in the quasi-one-dimensional CDW organic conductor, $\text{HMTSF} \cdot \text{TCNQ}$ . Physica B: Condensed Matter, 2015, 460, 241-244.	2.7	3
116	Fermi surface reconstruction and multiple quantum phase transitions in the antiferromagnet $\text{CeRhIn}_5$ . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 673-678.	7.1	67
117	Physical properties of $\text{K}_x\text{Ni}_2\text{ySe}_2$ single crystals. Journal of Physics Condensed Matter, 2014, 26, 015701.	1.8	6
118	Large magnetothermopower and Fermi surface reconstruction in $\text{Sb}_2\text{Te}_3$ . Physical Review B, 2014, 89, .	7.1	11
119	Magnetic-field-induced phase transitions in the quasi-one-dimensional organic conductor $\text{HMTSF} \cdot \text{TCNQ}$ . Low Temperature Physics, 2014, 40, 371-376.	0.6	4
120	Anomalous Magnetic Ground State in an $\text{LaAlO}_3$ Probed by Transport through Nanowires. Physical Review Letters, 2014, 113, 216801.	7.8	29
121	Direct measurement of the upper critical field in cuprate superconductors. Nature Communications, 2014, 5, 3280.	12.8	171
122	Evidence of Topological Two-Dimensional Metallic Surface States in Thin Bismuth Nanoribbons. ACS Nano, 2014, 8, 7506-7512.	14.6	30
123	Electronic and magnetic structure of neutral radical $\text{FBBO}$ . Physical Review B, 2014, 89, .	3.2	17
124	Pressure tuning the Fermi level through the Dirac point of giant Rashba semiconductor $\text{BiTeI}$ . Journal of Physics Condensed Matter, 2014, 26, 342202.	1.8	17
125	Coexistence of Spin Density Waves and Superconductivity in $\text{TMTSF} \cdot \text{ClO}_4$ . Physical Review Letters, 2014, 112, 146402.	7.8	24
126	Marginal Coherent Interlayer Electron Motion in the Layered Organic Superconductor with Domain Walls, $\text{L}(\text{DMEDO-TSeF})_2[\text{Au}(\text{CN})_4](\text{THF})$ . Journal of the Physical Society of Japan, 2014, 83, 015002.	1.6	0



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127	Anisotropic giant magnetoresistance in NbSb <sub>2</sub> . Scientific Reports, 2014, 4, 7328.	3.3	158
128	Magnetic-Field-Induced Phase Transition and a Possible Quantum Hall Effect in the Quasi-One-Dimensional CDW Organic Conductor HMTSF-TCNQ. Journal of Modern Physics, 2014, 05, 673-679.	0.6	3
129	Pressure-driven Fermi surface reconstruction of chromium. Physical Review B, 2013, 88, .	3.2	3
130	Field-Induced CDW Phases in a Quasi-One-Dimensional Organic Conductor, HMTSF-TCNQ Under Pressure of 1 GPa in Magnetic Field of 31 T. Journal of Low Temperature Physics, 2013, 170, 377-382.	1.4	3
131	Angular-dependent upper critical field of overdoped Ba(Fe <sub>1-x</sub> Cox) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2013, 87, .	3.2	20
132	Quasi-two-dimensional Dirac fermions and quantum magnetoresistance in LaAgBi. Physical Review B, 2013, 87, .	3.2	38
133	Small plastic piston-cylinder cell for pulsed magnetic field studies at cryogenic temperatures. High Pressure Research, 2013, 33, 425-431.	1.2	3
134	Effect of heavy-ion irradiation on London penetration depth in overdoped Ba(Fe <sub>1-x</sub> Cox) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2013, 88, .	3.2	13
135	Evolution of magnetic interactions in a pressure-induced Jahn-Teller driven magnetic dimensionality switch. Physical Review B, 2013, 87, .	3.2	32
136	Infrared vortex-state electrodynamics in type-II superconducting thin films. Physical Review B, 2013, 87, .	3.2	8
137	Spin-charge Coupling in the Molecular Conductor (DIETSe) <sub>2</sub> FeBr <sub>4</sub> . Journal of the Physical Society of Japan, 2013, 82, 043704.	1.6	6
138	Interlayer Charge Disproportionation in the Layered Organic Superconductor H <sup>+</sup> . Physical Review B, 2013, 87, .		

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145	Role of anion size, magnetic moment, and disorder on the properties of the organic conductor $\text{I}^{\text{2-}}(\text{BETS})_2\text{Ga}_{1-x}\text{Fe}_x\text{Cl}_4\text{yBr}_y$ . <i>Physica B: Condensed Matter</i> , 2010, 405, S295-S298.	2.7	3
146	Density-of-State Oscillation of Quasiparticle Excitation in the Spin Density Wave Phase of $\text{TMTSF}(\text{ClO}_4)_2$ . <i>Physical Review Letters</i> , 2010, 105, 267201.	5.0	697
147	Reply. <i>Physical Review Letters</i> , 2010, 104, .	7.8	1
148	Pressure-Dependent Metallic and Superconducting Phases in a Germanium Artificial Metal. <i>Physical Review Letters</i> , 2009, 102, 237001.	7.8	19
149	Pressure evolution of a field-induced Fermi surface reconstruction and of the Néel critical field in $\text{CeN}$ . <i>Physical Review B</i> , 2009, 79, .	3.2	21
150	Geometrical and orbital effects in a quasi-one-dimensional conductor. <i>Physical Review B</i> , 2009, 80, .	3.2	5
151	High resolution miniature dilatometer based on an atomic force microscope piezocantilever. <i>Review of Scientific Instruments</i> , 2009, 80, 116101.	1.3	12
152	Anisotropy of the Upper Critical Field in a Co-Doped $\text{BaFe}_2\text{As}_2$ Single Crystal. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 084719.	1.6	117
153	Evolution of superconductivity from a charge-density-wave ground state in pressurized $\text{Per}_2[\text{Au}(\text{mnt})_2]$ . <i>Europhysics Letters</i> , 2009, 85, 27009.	2.0	14
154	Structural Anomalies Associated with Antiferromagnetic Transition of Single-Component Molecular Metal $[\text{Au}(\text{tmdt})_2]$ . <i>Inorganic Chemistry</i> , 2009, 48, 10151-10157.	4.0	14
155	Electrical Properties of New Organic Conductor $(\text{BEST})_2\text{InBr}_4$ [BEST = Bis(ethylenediseleno)tetrathiafulvalene] up to 10.8 GPa and Antiferromagnetic Transition of $(\text{BEST})_2\text{FeBr}_4$ . <i>Inorganic Chemistry</i> , 2009, 48, 4268-4270.	4.0	3
156	Fermi surface of $\alpha$ -uranium at ambient pressure. <i>Physical Review B</i> , 2009, 80, .	3.2	21
157	Counterion dimerisation effects in the two-chain compound $(\text{Per})_2[\text{Co}(\text{mnt})_2]$ : structure and anomalous pressure dependence of the electrical transport properties. <i>CrystEngComm</i> , 2009, 11, 1103.	2.6	7
158	The family of molecular conductors $[(n\text{-Bu})_4\text{N}]_2[\text{M}(\text{dcbdt})_2]_5$ , M = Cu, Ni, Au; band filling and stacking modulation effects. <i>Journal of Materials Chemistry</i> , 2008, 18, 2825.	6.7	19
159	Highly Isotropic Magnetoresistance in a Single-Component Molecular Metal $[\text{Ni}(\text{tmdt})_2]$ . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 034709.	1.6	5
160	Quantum interference in the quasi-one-dimensional organic conductor $(\text{Per})_2\text{Au}(\text{mnt})_2$ . <i>Physical Review B</i> , 2007, 75, .	3.2	10
161	Pressure-Induced Quantum Limit in a Q1D System in High Magnetic Fields. <i>Journal of Low Temperature Physics</i> , 2007, 142, 179-184.	1.4	0
162	Magnetic field dependent behavior of the CDW ground state in $\text{Per}_2\text{M}(\text{mnt})_2$ (M=Au, Pt). <i>Current Applied Physics</i> , 2006, 6, 913-918.	2.4	12

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163	Vortex Dynamics and the Fulde-Ferrell-Larkin-Ovchinnikov State in a Magnetic-Field-Induced Organic Superconductor. <i>Physical Review Letters</i> , 2006, 97, 157001.	7.8	136
164	Magnetic Field Dependence of CDW Phases in $(\text{Per})_2\text{M}(\text{mnt})_2$ (M = Pt, Au). <i>Journal of Low Temperature Physics</i> , 2006, 142, 787-803.	1.4	6
165	Pressure-induced quantum limit in a Q1D system in high magnetic fields. <i>Journal of Low Temperature Physics</i> , 2006, 142, 179-184.	1.4	1
166	Fermiology and superconductivity at high magnetic fields in a completely organic cation radical salt. <i>New Journal of Physics</i> , 2006, 8, 255-255.	2.9	8
167	Determination of Band-filling Change in the Two-dimensional Organic Conductor, $\tilde{\text{I}}_3\text{-(EDO-S,S-DMEDT-TTF)}_2(\text{AuBr}_2)_{1+y}$ , ( $y \approx 0.875$ ) by the Quantum Oscillation of Magnetoresistance. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 417-424.	1.6	11
168	Magnetization, thermoelectric, and pressure studies of the magnetic-field-induced metal-insulator transition in $\tilde{\text{I}}_3$ -phase organic conductors. <i>Physical Review B</i> , 2005, 71, .	3.2	6
169	Quantum Oscillation of Hall Resistance in the Extreme Quantum Limit of an Organic Conductor $(\text{TMTSF})_2\text{ClO}_4$ . <i>Physical Review Letters</i> , 2005, 94, 077206.	7.8	21
170	Magnetic-field-induced superconductivity and phase diagrams of $\tilde{\text{I}}_3\text{-(BETS)}_2\text{FeCl}_4\text{-xBr}_x$ . <i>Physical Review B</i> , 2005, 72, .	3.2	8
171	Is the resistance upturn around 50K related to the Fermi surface area in $\tilde{\text{I}}_3\text{-(EDO-R)}_2$ ? <i>Journal of Applied Physics</i> , 2005, 98, 044301.	3.9	10
172	Pressure Effect on Fermi Surface in $\tilde{\text{I}}_3\text{-(ET)}_3\text{(TCNQ)}$ . <i>Synthetic Metals</i> , 2005, 152, 437-440.	3.9	4
173	Magnetic, thermoelectric, and pressure studies of the magnetic field-induced metal to insulator transition in tau-phase organic conductors. <i>Synthetic Metals</i> , 2005, 152, 441-444.	3.9	0
174	Persistent photo-excited conducting states in functionalized pentacene. <i>Synthetic Metals</i> , 2005, 152, 449-452.	3.9	5
175	Charge Density Wave to Mixed Density Wave Phase Transition at High Fields in $(\text{Per})_2\text{M}(\text{mnt})_2$ (M=Au). <i>Journal of Applied Physics</i> , 2005, 98, 044301.	3.9	3
176	Evidence of band-filling control of $\tilde{\text{I}}_3\text{-}\tilde{\text{A}}^{\sim}$ type organic conductors by thermal treatment. <i>Synthetic Metals</i> , 2005, 153, 453-456.	3.9	2
177	The pressure-temperature phase diagram of pressure induced organic superconductors $\tilde{\text{I}}_2\text{-(BDA-TTP)}_2\text{MCl}_4$ (M=Ga, Fe). <i>European Physical Journal Special Topics</i> , 2004, 114, 297-299.	0.2	4
178	High Magnetic Field Induced Charge Density Wave State in a Quasi-One-Dimensional Organic Conductor. <i>Physical Review Letters</i> , 2004, 93, 076406.	7.8	55
179	Persistent photoexcited conducting states in functionalized pentacene. <i>Journal of Applied Physics</i> , 2004, 96, 3312-3318.	2.5	23
180	Pressure-dependent ground states and fermiology in $\tilde{\text{I}}_2\text{-}\tilde{\text{A}}^{\sim}$ (BDA-TTP) $_2\text{MCl}_4$ (M=Fe, Ga). <i>Physical Review B</i> , 2004, 70, .	3.2	37

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181	Suppression of a charge-density-wave ground state in high magnetic fields: Spin and orbital mechanisms. <i>Physical Review B</i> , 2004, 69, .	3.2	53
182	A New Organic Superconductor, $\hat{I}^2$ -(BDA-TTP) <sub>2</sub> GaCl <sub>4</sub> [BDA-TTP: 2,5-(1,3-Dithian-2-ylidene)-1,3,4,6-tetrathiapentalene]. <i>ChemInform</i> , 2004, 35, no.	0.0	0
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