Enric Canadell

List of Publications by Year
in descending order

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430 papers	11,003 citations	31949 53 h-index	66879 78 g-index
496 all docs	496 docs citations	496 times ranked	8060 citing authors

#	Article	IF	Citations
1	Competition between Ta-Ta and Te-Te bonding leading to the commensurate charge density wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ta</mml:mi><mml:msub><mml:mi>Te</mml:mi><mml Physical Review B, 2022, 105, .	1.1	6
2	MnTa₂N₄: A Ternary Nitride Spinel with a Strong Magnetic Frustration. Chemistry of Materials, 2022, 34, 6098-6107.	3.2	2
3	Conducting chiral nickel(ii) bis(dithiolene) complexes: structural and electron transport modulation with the charge and the number of stereogenic centres. Journal of Materials Chemistry C, 2021, 9, 4119-4140.	2.7	10
4	Momentum-dependent electron-phonon coupling in charge density wave systems. Physical Review B, 2021, 103, .	1.1	7
5	New Radical Cation Salts Based on BDH-TTP Donor: Two Stable Molecular Metals with a Magnetic [ReF6]2âˆ’ Anion and a Semiconductor with a [ReO4]âˆ’ Anion. Magnetochemistry, 2021, 7, 54.	1.0	2
6	Rich Polymorphism of Layered NbS₃. Chemistry of Materials, 2021, 33, 5449-5463.	3.2	18
7	Basic aspects of the charge density wave instability of transition metal trichalcogenides NbSe₃ and monoclinic-TaS₃. Journal of Physics Condensed Matter, 2021, 33, 485401.	0.7	2
8	Mixed-valence gold bis(diselenolene) complex turning metallic under pressure. Journal of Materials Chemistry C, 2021, 9, 12291-12302.	2.7	4
9	Unusual stoichiometry, band structure and band filling in conducting enantiopure radical cation salts of TM-BEDT-TTF showing helical packing of the donors. Journal of Materials Chemistry C, 2021, 9, 10777-10786.	2.7	7
10	Ab initio studies of the optoelectronic structure of undoped and doped silicon nanocrystals and nanowires: the role of size, passivation, symmetry and phase. Faraday Discussions, 2020, 222, 217-239.	1.6	5
11	Intermolecular Resonance Correlates Electron Pairs Down a Supermolecular Chain: Antiferromagnetism in K-Doped p-Terphenyl. Journal of the American Chemical Society, 2020, 142, 20624-20630.	6.6	3
12	In Search of Chiral Molecular Superconductors: Îºâ€[(S,S)â€DMâ€BEDTâ€TTF]₂ClO₄ Revisited. Advanced Materials, 2020, 32, e2002811.	11.1	19
13	New insights into the structural properties of Îº-(BEDT-TTF)₂Ag₂(CN)₃spin liquid. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 581-590.	0.5	1
14	Conservation of structural arrangements and 3â€‰:â€‰1 stoichiometry in a series of crystalline conductors of TMTTF, TMTSF, BEDT-TTF, and chiral DM-EDT-TTF with the oxo-bis[pentafluorotantalate(<scp>v</scp>)] dianion. Chemical Science, 2020, 11, 10078-10091.	3.7	20
15	Chiral Conducting Me-EDT-TTF and Et-EDT-TTF-Based Radical Cation Salts with the Perchlorate Anion. Crystals, 2020, 10, 1069.	1.0	8
16	Weak localization competes with the quantum oscillations in a natural electronic superlattice: The case of <mml:math		

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19	Combining Chirality and Hydrogen Bonding in Methylated Ethylenedithio-Tetrathiafulvalene Primary Diamide Precursors and Radical Cation Salts. Crystal Growth and Design, 2020, 20, 2516-2526.	1.4	10
20	Glycine Residue Twists HOMOÂ·Â·Â·HOMO Interactions in a Molecular Conductor. Crystal Growth and Design, 2020, 20, 3546-3554.	1.4	1
21	Doping of IIIâ€“V Arsenide and Phosphide Wurtzite Semiconductors. Journal of Physical Chemistry C, 2020, 124, 27203-27212.	1.5	4
22	Fermi surface electronâ€“hole instability of the (TMTSF)₂PF₆ Bechgaard salt revealed by the first-principles Lindhard response function. Journal of Physics Condensed Matter, 2020, 32, 345701.	0.7	4
23	Anion ordering transition and Fermi surface electronâ€“hole instabilities in the (TMTSF)₂ClO₄ and (TMTSF)₂NO₃ Bechgaard salts analyzed through the first-principles Lindhard response function. Journal of Physics Condensed Matter, 2020, 33, 085705.	0.7	4
24	Strain control of the competition between metallic and semiconducting states in single-layers of TaSe₃. 2D Materials, 2020, 7, 025038.	2.0	7
25	2D Molecular Superconductor to Insulator Transition in the Î²â€²â€²-(BEDT-TTF)2[(H2O)(NH4)2M(C2O4)3]Â·18-crown-6 Series (M = Rh, Cr, Ru, Ir). Inorganic Chemistry, 2019, 58, 10656-10664.	1.58	11
26	Magnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chlorocyananilato)ferrate(III) Complex. Inorganic Chemistry, 2019, 58, 15359-15370.	1.9	8
27	Coexistence of Elastic Modulations in the Charge Density Wave State of 2H-NbSe₂. Nano Letters, 2019, 19, 3027-3032.	4.5	26
28	Charge Delocalization, Oxidation States, and Silver Mobility in the Mixed Silverâ€“Copper Oxide AgCuO₂. Inorganic Chemistry, 2019, 58, 7026-7035.	1.9	5
29	Fermi surface properties of the bifunctional organic metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¹</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mathvariant="normal">N</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>CN</mml:mi><mml:mo>)</mml:mo> Physical Review B, 2019, 99, .	1.1	3
30	Electronic structure of the Î±-(BEDT-TTF)2I3 surface by photoelectron spectroscopy. European Physical Journal B, 2019, 92, 1.	0.6	0
31	Polarization dependence of angle-resolved photoemission with submicron spatial resolution reveals emerging one-dimensionality of electrons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbSe</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2019, 99, .	1.1	11
32	Electronic engineering of a tetrathiafulvalene charge-transfer salt via reduced symmetry induced by combined substituents. Physical Chemistry Chemical Physics, 2019, 21, 22639-22646.	1.3	10
33	Chiral EDT-TTF precursors with one stereogenic centre: substituent size modulation of the conducting properties in the (R-EDT-TTF)₂PF₆ (R = Me or Et) series. Journal of Materials Chemistry C, 2019, 7, 12664-12673.	2.7	13
34	2 Ã— 2 charge density wave in single-layer TiTe ₂. 2D Materials, 2019, 6, 015027.	2.0	20
35	Preferential Positioning, Stability, and Segregation of Dopants in Hexagonal Si Nanowires. Nano Letters, 2019, 19, 866-876.	4.5	10
36	Evidence for the weak coupling scenario of the Peierls transition in the blue bronze. Physical Review Materials, 2019, 3, .	0.9	15

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37	First principles analysis of the CDW instability of single-layer 1 T -TiSe ₂ and its evolution with charge carrier density. 2D Materials, 2018, 5, 025024.	2.0	20
38	Asymmetric Choreography in Pairs of Orthogonal Rotors. ACS Omega, 2018, 3, 1293-1297.	1.6	14
39	Understanding the Polymerization Process of Eumelanin by Computer Simulations. Journal of Physical Chemistry C, 2018, 122, 28368-28374.	1.5	11
40	Conducting Anilate-Based Mixed-Valence Fe(II)Fe(III) Coordination Polymer: Small-Polaron Hopping Model for Oxalate-Type Fe(II)Fe(III) 2D Networks. Journal of the American Chemical Society, 2018, 140, 12611-12621.	6.6	58
41	(BEDT-TTF)2Cu2(CN)3 Spin Liquid: Beyond the Average Structure. Crystals, 2018, 8, 158.	1.0	14
42	Î²â€•(CNB-EDT-TTF)4BF4; Anion Disorder Effects in Bilayer Molecular Metals. Crystals, 2018, 8, 142.	1.0	9
43	Static Modulation Wave of Arrays of Halogen Interactions Transduced to a Hierarchy of Nanoscale Change Stimuli of Crystalline Rotors Dynamics. Nano Letters, 2018, 18, 3780-3784.	4.5	13
44	Stable Metallic State of a Neutral-Radical Single-Component Conductor at Ambient Pressure. Journal of the American Chemical Society, 2018, 140, 6998-7004.	6.6	48
45	Strain Tuning of the Anisotropy in the Optoelectronic Properties of TiS₃. ACS Photonics, 2018, 5, 3231-3237.	3.2	14
46	Donorâ€“anion interactions in quarter-filled low-dimensional organic conductors. Materials Horizons, 2018, 5, 590-640.	6.4	47
47	Optical and electronic properties of 2Hâˆ’MoS2 under pressure: Revealing the spin-polarized nature of bulk electronic bands. Physical Review Materials, 2018, 2, .	0.9	19
48	Assessing the Performance of Eumelanin/Si Interface for Photovoltaic Applications. Journal of Physical Chemistry C, 2017, 121, 11576-11584.	1.5	15
49	Anisotropic features in the electronic structure of the two-dimensional transition metal trichalcogenide TiS ₃ : electron doping and plasmons. 2D Materials, 2017, 4, 025085.	2.0	24
50	New radical cation salt Îº-(BETS) 2 Co 0.13 Mn 0.87 [N(CN) 2] 3 with two magnetic metals: Synthesis, structure, conductivity and magnetic peculiarities. Synthetic Metals, 2017, 227, 52-60.	2.1	4
51	Quantum oscillations in coupled orbits networks of (BEDT-TTF) salts with tris(oxalato)metallate anions. Low Temperature Physics, 2017, 43, 27-33.	0.2	2
52	Synthesis and Physical Properties of Purely Organic BEDT-TTF-Based Conductors Containing Hetero-/Homosubstituted Cl/CN-Anilate Derivatives. Inorganic Chemistry, 2017, 56, 12564-12571.	1.9	14
53	Nanotexturing To Enhance Photoluminescent Response of Atomically Thin Indium Selenide with Highly Tunable Band Gap. Nano Letters, 2016, 16, 3221-3229.	4.5	155
54	Localization versus Delocalization in Chiral Single Component Conductors of Gold Bis(dithiolene) Complexes. Journal of the American Chemical Society, 2016, 138, 6838-6851.	6.6	43

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55	Anion size control of the packing in the metallic versus semiconducting chiral radical cation salts (DM-EDT-TTF)₂XF₆ (X = P, As, Sb). Chemical Communications, 2016, 52, 12438-12441.	2.2	32
56	Near-Edge X-ray Absorption Fine Structure Investigation of the Quasi-One-Dimensional Organic Conductor (TMTSF)₂PF₆. Journal of Physical Chemistry A, 2016, 120, 8574-8583.	1.1	6
57	Electronic structure of 2 H -NbSe ₂ single-layers in the CDW state. 2D Materials, 2016, 3, 035028.	2.0	50
58	Polymorphism and Superconductivity in Bilayer Molecular Metals (CNB-EDT-TTF)₄I₃. Inorganic Chemistry, 2016, 55, 10343-10350.	1.9	16
59	Single-Component Conductors: A Sturdy Electronic Structure Generated by Bulky Substituents. Inorganic Chemistry, 2016, 55, 6036-6046.	1.9	22
60	Charge transfer and 2k_Fvs. 4k_Finstabilities in the NMP-TCNQ molecular metal and (NMP)_x(Phen)_{1âˆ’x}TCNQ solid solutions. Europhysics Letters, 2016, 113, 27006.	0.7	8
61	Correlating conduction properties with the molecular symmetry: segregation of Z and E isomers in the charge-assisted, halogen-bonded cocrystal [(Z,E)-Me₂I₂TTF]₂Br. Chemical Communications, 2016, 52, 308-311.	2.2	8
62	Quasiparticle spectra of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi><mml:mo>âˆ’</mml:m Two-band superconductivity and the role of tunneling selectivity. Physical Review B, 2015, 92, .	1.1	6
63	Tunneling and electronic structure of the two-gap superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MgB</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2015, 92, .	1.1	5
64	Effect of Halopyridine Guest Molecules on the Structure and Superconducting PropÂerties of Î²â€³â€[Bis(ethylenedithio)tetraÂthiafulvalene]₄(H₃O)[Fe(C₂O₄)₃]Â· Crystals. European Journal of Inorganic Chemistry, 2015, 2015, 5611-5620.	1.0	3
65	Structural and electronic control of the metal to insulator transition and local orderings in theÎ¸-(BEDT-TTF)₂X organic conductors. Journal of Physics Condensed Matter, 2015, 27, 465702.	0.7	15
66	Nature of the empty states and signature of the charge density wave instability and upper Peierls transition of TTF-TCNQ by temperature-dependent NEXAFS spectroscopy. European Physical Journal B, 2015, 88, 1.	0.6	10
67	Exploring the Electronic Structure of an Organic Semiconductor Based on a Compactly Fused Electron Donorâ€“Acceptor Molecule. ChemPhysChem, 2015, 16, 1361-1365.	1.0	8
68	Bilayer Molecular Metals Based on Dissymmetrical Electron Donors. Inorganic Chemistry, 2015, 54, 6677-6679.	1.9	19
69	Donorâ€“anion interactions at the charge localization and charge ordering transitions of (TMTTF)₂AsF₆ probed by NEXAFS. Physical Chemistry Chemical Physics, 2015, 17, 19202-19214.	1.3	13
70	Metal-charge density wave coexistence in TTF[Ni(dmit)2]2. Physica B: Condensed Matter, 2015, 460, 147-150.	1.3	0
71	Complete Series of Chiral Paramagnetic Molecular Conductors Based on Tetramethyl-bis(ethylenedithio)-tetrathiafulvalene (TM-BEDT-TTF) and Chloranilate-Bridged Heterobimetallic Honeycomb Layers. Inorganic Chemistry, 2015, 54, 3643-3653.	1.9	52
72	Gearing motion in cogwheel pairs of molecular rotors: weak-coupling limit. CrystEngComm, 2015, 17, 7829-7834.	1.3	23

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73	Links between the Crystal and Electronic Structure in the New Family of Unconventional Superconductors A2Cr3As3 (A = K, Rb, Cs). Inorganic Chemistry, 2015, 54, 8029-8034.	1.9	18
74	Non-Lifshitzâ€“Kosevich field- and temperature-dependent amplitude of quantum oscillations in the quasi-two dimensional metal Î¸-(ET)₄ZnBr₄(C₆H₄Cl₂). Journal of Physics Condensed Matter, 2015, 27, 315601.	0.7	5
75	A Crystalline Hybrid of Paddlewheel Copper(II) Dimers and Molecular Rotors: Singletâ€triplet Dynamics Revealed by Variableâ€temperature Proton Spinâ€lattice Relaxation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1127-1133.	0.6	14
76	Fermi surface and effect of high magnetic fields on the metal-semimetal Peierls-like transition of (TSeT)2Cl. Low Temperature Physics, 2014, 40, 307-310.	0.2	0
77	Enantiopure Conducting Salts of Dimethylbis(ethylenedithio)tetrathiafulvalene (DM-BEDT-TTF) with the Hexachlororhenate(IV) Anion. European Journal of Inorganic Chemistry, 2014, 2014, 3855-3862.	1.0	29
78	Electrical magnetochiral anisotropy in a bulk chiral molecular conductor. Nature Communications, 2014, 5, 3757.	5.8	185
79	Charge density wave and metallic state coexistence in the multiband conductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>TTF</mml:mi><mml:mo>[</ Physical Review B, 2014, 90, .	1.1	14
80	Electronic structure, optical properties, and lattice dynamics in atomically thin indium selenide flakes. Nano Research, 2014, 7, 1556-1568.	5.8	160
81	Changing gears to neutral in a polymorph of one-dimensional arrays of cogwheel-like pairs of molecular rotors. CrystEngComm, 2014, 16, 1241.	1.3	14
82	Nature of Holes, Oxidation States, and Hypervalency in Covellite (CuS). Inorganic Chemistry, 2014, 53, 12402-12406.	1.9	68
83	On a new FeOF polymorph: Synthesis and stability. Solid State Sciences, 2014, 38, 55-61.	1.5	6
84	Dual-Layered Quasi-Two-Dimensional Organic Conductors with Presumable Incoherent Electron Transport. European Journal of Inorganic Chemistry, 2014, 2014, 3820-3836.	1.0	18
85	Reversible Control of Crystalline Rotors by Squeezing Their Hydrogen Bond Cloud Across a Halogen Bond-Mediated Phase Transition. Crystal Growth and Design, 2014, 14, 3375-3383.	1.4	31
86	Câ€“HÂ·Â·Â·BF2O2 Interactions in Crystals: A Case for Boron Hydrogen Bonding?. Crystal Growth and Design, 2014, 14, 3700-3703.	1.4	8
87	De Haas-van Alphen oscillations in the compensated organic metal Î±-â€µpseudo-Îºâ€²-(ET)4H3O[Fe(C2O4)3]Â·(C6H4Br2). European Physical Journal B, 2014, 87, 1.	0.6	2
88	Structural Diversity and Physical Properties of Paramagnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chloranilato)ferrate(III) Complex. Inorganic Chemistry, 2014, 53, 7028-7039.	1.9	40
89	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi) Tj ETQq1 1 0.784314 xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>ClO</mml:mtext><mml:mn>4</mml:mn></mml:ms		

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91	Electronic Conductivity of Solids. , 2013, , 1007-1034.		0
92	Correlation between Metalâ€“Insulator Transition and Hydrogen-Bonding Network in the Organic Metal Î´-(BEDT-TTF)₄[2,6-Anthracene-bis(sulfonate)]Â·(H₂O)₄. Crystal Growth and Design, 2013, 13, 5135-5145.	1.4	12
93	Chirality Driven Metallic versus Semiconducting Behavior in a Complete Series of Radical Cation Salts Based on Dimethyl-Ethylenedithio-Tetrathiafulvalene (DM-EDT-TTF). Journal of the American Chemical Society, 2013, 135, 17176-17186.	6.6	79
94	Factors affecting the magnetic coupling in Sr2V3O9 type oxides: As for V substitution in the VO4 tetrahedra and nature of the cation. Dalton Transactions, 2013, 42, 15555.	1.6	1
95	Onsager phase factor of quantum oscillations in the organic metal Î¸-(BEDT-TTF)4CoBr4(C6H4Cl2). Synthetic Metals, 2013, 171, 51-55.	2.1	8
96	Robust Dirac-Cone Band Structure in the Molecular Kagome Compound (EDT-TTF-CONH₂)₆[Re₆Se₈(CN)₆]. Inorganic Chemistry, 2013, 52, 3326-3333.	1.9	9
97	Crystalline Arrays of Pairs of Molecular Rotors: Correlated Motion, Rotational Barriers, and Space-Inversion Symmetry Breaking Due to Conformational Mutations. Journal of the American Chemical Society, 2013, 135, 9361-9371.	6.6	92
98	Essential role of anions in the charge ordering transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-(BEDT-TTF)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>I<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	77
99	Structural phase transition in the Î²â€²â€²-(BEDT-TTF)₄H₃O[Fe(C₂O₄)₃]Â·G crystals (where G is a guest solvent molecule). CrystEngComm, 2012, 14, 460-465.	1.3	20
100	Anisotropic Chemical Pressure Effects in Single-Component Molecular Metals Based on Radical Dithiolene and Diselenolene Gold Complexes. Journal of the American Chemical Society, 2012, 134, 17138-17148.	6.6	73
101	NH3 molecular doping of silicon nanowires grown along the [112], [110], [001], and [111] orientations. Nanoscale Research Letters, 2012, 7, 308.	3.1	24
102	Role of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	41
103	Quantum oscillations in the magnetic field of coupled orbits: The organic metal with two cation layers Î¸-(ET) ₄ CoBr ₄ (C ₆ H ₄ Cl ₂). Europhysics Letters, 2012, 97, 57003.	0.7	23
104	Design and Evaluation of a Crystalline Hybrid of Molecular Conductors and Molecular Rotors. Journal of the American Chemical Society, 2012, 134, 7880-7891.	6.6	52
105	Single-Crystal-to-Single-Crystal Transformation from Î´-(BEDT-TTF)4[OsNOCl5]1.33(C6H5NO2)0.67 to Î²"-(BEDT-TTF)3[OsNOCl5]. Crystals, 2012, 2, 627-642.	1.0	1
106	Charge ordering in low dimensional organic conductors: Structural aspects. Physica Status Solidi (B): Basic Research, 2012, 249, 937-942.	0.7	21
107	Dual [proton]/[hole] mixed valence in a molecular metal: balancing chemical activity in the solid state by tapping into a molecular hole reservoir. Journal of Materials Chemistry, 2011, 21, 1516-1522.	6.7	11
108	Coexistence of two donor packing motifs in the stable molecular metal Î±-â€˜pseudo-Îºâ€™-(BEDT-TTF)4(H3O)[Fe(C2O4)3]Â·C6H4Br2. CrystEngComm, 2011, 13, 2430.	1.3	30

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109	Electronic Structure of the Two-Leg Spin Ladder (C5H12N)2CuBr4. Inorganic Chemistry, 2011, 50, 6399-6401.	1.9	2
110	Syntheses, Crystal Structures, Transport Properties and First-Principles Electronic Structure Study of the (tTTF)₂X (X = Br, I) Low-Dimensional Antiferromagnets. Inorganic Chemistry, 2011, 50, 4171-4181.	1.9	11
111	The metallic transport of (TMTSF)₂X organic conductors close to the superconducting phase. Journal of Physics Condensed Matter, 2011, 23, 345702.	0.7	12
112	Temperature- and pressure-dependent metallic states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (mathvariant="bold">BEDT</mml:mi><mml:mo>â^ /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub><mml:mo stretchy="false">[</mml:mo>	1.1	5
113	Magnetoresistance oscillations up to 32â€‰K in the organic metal Î²â€³-(ET)4(H3O)[Fe(C2O4)3]â€‰Â·â€‰C6H4Cl2. Low Temperature Physics, 2011, 37, 749-754.	0.2	3
114	Order Versus Disorder in Chiral Tetrathiafulvaleneâ€Oxazoline Radicalâ€Cation Salts: Structural and Theoretical Investigations and Physical Properties. Chemistry - A European Journal, 2010, 16, 528-537.	1.7	47
115	A Neutral Zwitterionic Molecular Solid. Chemistry - A European Journal, 2010, 16, 14051-14059.	1.7	36
116	Magnetotransport properties of a new hybrid metal Î±-(BEDT-TTF)2[Mn2Cl5(H2O)5]. Physica B: Condensed Matter, 2010, 405, S247-S249.	1.3	1
117	An efficient computational method for use in structural studies of crystals with substitutional disorder. Journal of Physics Condensed Matter, 2010, 22, 415401.	0.7	9
118	Quantum interference and Shubnikovâ€"de Haas oscillations in Î²â€³-(ET)4(H3O)[Fe(C2O4)3]Â·C6H4Cl2 under pressure. Synthetic Metals, 2010, 160, 2467-2470.	2.1	3
119	First principles study of the interaction between paramagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mtext>V</mml:mtext><mml:mrow><mml:mn>4</mml:mn><mml:mo>+</mml:mo> through formally magnetically inactive<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	6
120	Density-wave instability in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(< Physical Review B, 2010, 82, .	1.1	24
121	Temperature-pressure phase diagram and electronic properties of the organic metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo> Physical Review B, 2010, 82, .	1.1	18
122	The first polymorph, Î²â€³-(ET)2Cu[N(CN)2]Cl, in the family of Î²-(ET)2Cu[N(CN)2]X (X=Cl, Br, I) radical cation salts. Journal of Solid State Chemistry, 2009, 182, 617-621.	1.4	9
123	Uniform linear chains of group 11 atoms: do they have a bias towards a Peierls distortion?. Theoretical Chemistry Accounts, 2009, 123, 85-92.	0.5	3
124	Indications for the coexistence of closed orbit and quantum interferometer with the same cross section in the organic metal Î²â€²â€²-(ET)4(H3O)[Fe(C2O4)3] .C6H4Cl2: persistence of Shubnikov-de Haas oscillations above 30ÂK. European Physical Journal B, 2009, 71, 203-209.	0.6	5
125	Electronic Structure and Spin Exchange Interactions in Na2V3O7: a Vanadium(IV) Oxide Nanotubular Phase. Inorganic Chemistry, 2009, 48, 5779-5789.	1.9	7
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