Enric Canadell

List of Publications by Year
in descending order

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	Conceptual aspects of structure-property correlations and electronic instabilities, with applications to low-dimensional transition-metal oxides. Chemical Reviews, 1991, 91, 965-1034.	23.0	294
2	Analogies between the concepts of molecular chemistry and solid-state physics concerning structural instabilities. Electronic origin of the structural modulations in layered transition metal dichalcogenides. Journal of the American Chemical Society, 1992, 114, 9587-9600.	6.6	237
3	Hidden Fermi Surface Nesting and Charge Density Wave Instability in Low-Dimensional Metals. Science, 1991, 252, 96-98.	6.0	192
4	Electrical magnetochiral anisotropy in a bulk chiral molecular conductor. Nature Communications, 2014, 5, 3757.	5.8	185
5	Electronic structure, optical properties, and lattice dynamics in atomically thin indium selenide flakes. Nano Research, 2014, 7, 1556-1568.	5.8	160
6	Nanotexturing To Enhance Photoluminescent Response of Atomically Thin Indium Selenide with Highly Tunable Band Gap. Nano Letters, 2016, 16, 3221-3229.	4.5	155
7	On the band electronic structure of X [M (dmit)2]2 (X = TTF, (CH3)4N ; M = Ni, Pd) molecular conductors and superconductors. Journal De Physique, 1989, 50, 2967-2981.	1.8	139
8	Hydrogen-bond tuning of macroscopic transport properties from the neutral molecular component site along the sries of metallic organic-inorganic solvates (BEDT-TTF)4Re6Se5Cl9.[guest], [guest = DMF, THF, dioxane]. Journal of the American Chemical Society, 1993, 115, 4101-4112.	6.6	119
9	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>ZnO</mml:mtext><mml:mo>:</mml:mo><mml:msub><mml:mi>M</mml:mi><mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mi>M</mml:mi><mml:mo>=		
	superconductors: Role of the M(dmit)2 Homo and Lumo. Solid State Communications, 1990, 75, 633-638.	0.9	97
16	Single Crystalline Commensurate Metallic Assemblages of Ï€-slabs and CdI2-Type Layers:Â Synthesis and Properties of Î²-(EDT-TTF-I2)2[Pb5/61/6I2]3and Î²-(EDT-TTF-I2)2[Pb2/3+xAg1/3-2xxI2]3,x= 0.05. Journal of the American Chemical Society, 2003, 125, 3295-3301.	6.6	95
17	Chiral Molecular Metals:â€‰ Syntheses, Structures, and Properties of the AsF6- Salts of Racemic (Â±)-, (R)-, and (S)-Tetrathiafulvaleneâ€™Oxazoline Derivatives. Journal of the American Chemical Society, 2005, 127, 5748-5749.	6.6	94
18	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, 9366-9376.	6.6	92

#	Article	IF	Citations
19	CaFeO₂: A New Type of Layered Structure with Iron in a Distorted Square Planar Coordination. Journal of the American Chemical Society, 2009, 131, 221-229.	6.6	89
20	Halâ‹¯Hal interactions in a series of three isostructural salts of halogenated tetrathiafulvalenes. Contribution of the halogen atoms to the HOMOâ€“HOMO overlap interactions. Journal of Materials Chemistry, 2001, 11, 1570-1575.	6.7	88
21	Single-Component Magnetic Conductors Based on Mo3S7Trinuclear Clusters with Outer Dithiolate Ligands. Journal of the American Chemical Society, 2004, 126, 12076-12083.	6.6	88
22	Unprecedented Conversion of a Compound with Metalâ€“Metal Bonding into a Solvated Molecular Wire. Angewandte Chemie International Edition in English, 1996, 35, 2772-2774.	4.4	87
23	Regioselectivity of radical attacks on substituted olefins. Application of the state-correlation-diagram (SCD) model. Journal of the American Chemical Society, 1990, 112, 1446-1452.	6.6	86
24	Directing the Structures and Collective Electronic Properties of Organic Conductors: The Interplay of Ï€-Overlap Interactions and Hydrogen Bonds. Chemistry - A European Journal, 1999, 5, 2971-2976.	1.7	84
25	Molecular Metals Based on BEDT-TTF Radical Cation Salts with Magnetic Metal Oxalates as Counterions: Î²â€³-(BEDT-TTF)4A[M(C2O4)3]Â·DMF (A = NH4+, K+; M = CrIII, FeIII). Advanced Functional Materials, 2003, 13, 403-411.	7.8	80
26	(EDT-TTF-CONH2)6[Re6Se8(CN)6], a Metallic Kagome-Type Organicâ“Inorganic Hybrid Compound:Â Electronic Instability, Molecular Motion, and Charge Localization. Journal of the American Chemical Society, 2005, 127, 11785-11797.	6.6	80
27	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
28	An Efficient, Redox-Enhanced Pair of Hydrogen-Bond Tweezers for Chloride Anion Recognition, a Key Synthon in the Construction of a Novel Type of Organic Metal based on the Secondary Amide-Functionalized Ethylenedithiotetrathiafulvalene, Î²â€˜Ââ€˜-(EDT-TTF-CONHMe)2[ClÂ·H2O]. Chemistry of Materials, 2000, 12, 1898-1904.	3.2	77
29	Metal-insulator-like large 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 /><mml:mn></mml:mn></mml:msub></mml:math>	1.1	77
30	Theoretical study of the electrical behavior of one-dimensional metallophthalocyanines and related metallomacrocyclic compounds. Inorganic Chemistry, 1984, 23, 573-579.	1.9	75
31	Experimental and theoretical study of band structure of InSe andIn1â^'xGaxSe(x<0.2)under high pressure:â€‚Direct to indirect crossovers. Physical Review B, 2001, 63, .	1.1	73
32	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
33	Band electronic structure study of the electronic instability in the Magneli phase molybdenum oxide [Mo4O11]. Inorganic Chemistry, 1989, 28, 1466-1472.	1.9	69
34	Extended polymetallic sandwich compounds. Organometallics, 1985, 4, 805-815.	1.1	68
35	Structural and electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrFeO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>first principles. Physical Review B, 2008, 78, .	1.1	68
36	Nature of Holes, Oxidation States, and Hypervalency in Covellite (CuS). Inorganic Chemistry, 2014, 53, 12402-12406.	1.9	68

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37	The [(DT-TTF)2M(mnt)2] Family of Radical Ion Salts: From a Spin Ladder to Delocalised Conduction Electrons That Interact with Localised Magnetic Moments. Chemistry - A European Journal, 1999, 5, 2025-2039.	1.7	67
38	Theoretical analysis of bonding in monomeric and polymeric C5H5M compounds. Organometallics, 1984, 3, 759-764.	1.1	66
39	Singular Crystalline Î²â€˜-Layered Topologies Directed by Ribbons of Self-Complementary AmideÂ·Â·Â·Amide Ring Motifs in [EDT-TTF-(CONH2)2]2X (X = HSO4-, ClO4-, ReO4-, AsF6-):Â Coupled Activation of Ribbon Curvature, Electron Interactions, and Magnetic Susceptibility. Journal of the American Chemical Society, 2003, 125, 11583-11590.	6.6	66
40	Crystal symmetry and pressure effects on the valence band structure ofÎ³-InSe andÎµ-GaSe: Transport measurements and electronic structure calculations. Physical Review B, 2005, 71, .	1.1	65
41	Electronic structure of transition metal complex-based molecular metals and superconductors. Coordination Chemistry Reviews, 1999, 185-186, 629-651.	9.5	64
42	A construction principle of theÎº-phase based on the efficient (Oï£¿H)donorâ€¦Oanion structural functionality: The examples ofÎº-(EDT-TTF(CH2OH))2X (X = ClO4âŠ– and ReO4âŠ–). Advanced Materials, 1992, 4, 579-581.	11.1	63
43	A Chiral Molecular Conductor:Â Synthesis, Structure, and Physical Properties of [ET]3[Sb2(l-tart)2]Â·CH3CN (ET = Bis(ethylendithio)tetrathiafulvalene;l-tart = (2R,3R)-(+)-Tartrate). Inorganic Chemistry, 2004, 43, 8072-8077.	1.9	62
44	Band electronic structure of the lithium molybdenum purple bronze Li0.9Mo6O17. Journal of the American Chemical Society, 1988, 110, 358-363.	6.6	61
45	First-principles study of the neutral molecular metalNi(tmdt)2. Physical Review B, 2002, 65, .	1.1	60
46	Global instability index optimizations for the localization of mobile protons. Solid State Ionics, 2004, 168, 281-290.	1.3	59
47	Fluorine Segregation Controls the Solid-State Organization and Electronic Properties of Ni and Au Dithiolene Complexes: Stabilization of a Conducting Single-Component Gold Dithiolene Complex. Advanced Functional Materials, 2002, 12, 693-698.	7.8	58
48	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
49	Symmetry control of the coloring problem: the electronic structure of MB2C2 (M = calcium,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	6.6	57
50	Oâ‹¯S vs. Nâ‹¯S intramolecular nonbonded interactions in neutral and radical cation salts of TTF-oxazoline derivatives: synthesis, theoretical investigations, crystalline structures, and physical properties. New Journal of Chemistry, 2007, 31, 1468.	1.4	57
51	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	56
52	Comparison of the electronic structures of layered transition-metal trichalcogenides thallium triselenide, thallium trisulfide and niobium triselenide. Inorganic Chemistry, 1990, 29, 1401-1407.	1.9	54
53	An Organic Spin-Ladder Molecular Material. Angewandte Chemie International Edition in English, 1997, 36, 2324-2326.	4.4	54
54	A Genuine Quarter-Filled Band Mott Insulator, (EDT-TTF-CONMe2)2AsF6: Where the Chemistry and Physics of Weak Intermolecular Interactions Act in Unison. Advanced Materials, 2003, 15, 1251-1254.	11.1	54

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55	Characterization of the unoccupied and partially occupied states of TTF-TCNQ by XANES and first-principles calculations. Physical Review B, 2003, 68, .	1.1	54
56	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
57	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
58	Electronic origin of the thermochromic effect in 2,2',5,5'-tetramethylbistibole. Journal of the American Chemical Society, 1982, 104, 3876-3879.	6.6	51
59	Concerning the Structure of Hydrogen Molybdenum Bronze Phase III. A Combined Theoreticalâ"Experimental Study. Chemistry of Materials, 2005, 17, 5957-5969.	3.2	51
60	Fused and linked deltahedral clusters in the chemistry of the Group 13 elements. Journal of the American Chemical Society, 1990, 112, 7207-7217.	6.6	50
61	Charge-density-wave instabilities expected in monophosphate tungsten bronzes. Physical Review B, 1991, 43, 1894-1902.	1.1	50
62	Solution Chemistry of Chalcohalide Hexanuclear Rhenium Cluster Monoanions: Substitution Reactions and Structural and LSIMS Characterization of the Heterosubstituted Cluster Dianions, (n-Bu4N)2[Re6Q5ECl8] (Q = S, E = O, S, Se; Q = Se, E = S, Se, Te). Inorganic Chemistry, 1995, 34, 5307-5313.	1.9	50
63	Electronic structure of 2 H -NbSe ₂ single-layers in the CDW state. 2D Materials, 2016, 3, 035028.	2.0	50
64	Band electronic structure of the purple potassium molybdenum bronze K0.9Mo6O17. Journal of the American Chemical Society, 1987, 109, 6308-6313.	6.6	48
65	Electronic instabilities of the quasi-two-dimensional monophosphate tungsten bronzeP4W12O44. Physical Review B, 1989, 39, 12969-12972.	1.1	48
66	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
67	Antiperovskite Structure with Ternary Tetrathiafulvalenium Salts: Construction, Distortion, and Antiferromagnetic Ordering. Angewandte Chemie International Edition in English, 1991, 30, 1498-1500.	4.4	47
68	Structural and electronic properties of Cs(Pd(dmit)2)2. Journal of Physics Condensed Matter, 1991, 3, 933-954.	0.7	47
69	Bis- and tetrakis(1,4-dithiafulven-6-yl)-substituted tetrathiafulvalenes and dihydrotetrathiafulvalenes: a novel class of planar donor molecules with multiple redox functionalities and the demonstration of a novel type of two-dimensional association in the solid state. Chemistry of Materials, 1993, 5, 1196-1198.	3.2	47
70	Structural Isomerism in Crystals of Redox-Active Secondaryortho-Diamides: The Role of Competing Intra- and Intermolecular Hydrogen Bonds in Directing Crystalline Topologies. Chemistry - A European Journal, 2004, 10, 4498-4511.	1.7	47
71	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
72	Donorâ€"anion interactions in quarter-filled low-dimensional organic conductors. Materials Horizons, 2018, 5, 590-640.	6.4	47

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73	Superstructures of donor packing arrangements in a series of molecular charge transfer salts. Chemical Communications, 2004, , 18.	2.2	46
74	Charge ordering, symmetry and electronic structure issues and Wigner crystal structure of the quarter-filled band Mott insulators and high pressure metals Î´-(EDT-TTF-CONMe2)2X, X = Br and AsF6. Journal of Materials Chemistry, 2009, 19, 6980.	6.7	46
75	Bond cleavage of the solvated methyl chloride anion: a primary electrochemical event. Journal of the American Chemical Society, 1980, 102, 855-857.	6.6	44
76	Origin of metal clustering in transition-metal chalcogenide layers MX2 (M = Nb, Ta, Mo, Re; X = S, Se). Journal of the American Chemical Society, 1989, 111, 3778-3782.	6.6	44
77	Superconductivity and magnetic field induced spin density waves in the (TMTTF)2X family. Journal De Physique, I, 1994, 4, 1539-1549.	1.2	44
78	On the electronic structure of MPS3 phases. Inorganic Chemistry, 1987, 26, 963-965.	1.9	43
79	Hybrid Molecular Materials Based upon Organic Ï€-Electron Donors and Metal Complexes. Radical Salts of Bis(ethylenethia)tetrathiafulvalene (BET-TTF) with the Octahedral Anions Hexacyanoferrate(III) and Nitroprusside. The First Kappa Phase in the BET-TTF Family. Inorganic Chemistry, 2001, 40, 3526-3533.	1.9	43
80	Antifluorite-Type Lithium Chromium Oxide Nitrides:Â Synthesis, Structure, Order, and Electrochemical Properties. Inorganic Chemistry, 2004, 43, 7050-7060.	1.9	43
81	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
82	Synthesis, Crystal Structure, Electrical Properties and Electronic Band Structure of (NHyMe4-y)x[M(dmit)2] Complexes (M = Ni, Pd, Pt; dmit2- = 2-Thioxo-1,3-dithiole-4,5-dithiolato). Inorganic Chemistry, 1994, 33, 3401-3414.	1.9	42
83	Metal Complexes of Dithiolate Ligands:Â 5,6-Dihydro-1,4-dithiin-2,3-dithiolato (dddt2-), 5,7-Dihydro-1,4,6-trithiin-2,3-dithiolato (dtdt2-), and 2-Thioxo-1,3-dithiole-4,5-dithiolato (dmit2-). Synthesis, Electrochemical Studies, Crystal and Electronic Structures, and Conducting Properties. Inorganic Chemistry, 1996, 35, 3856-3873.	1.9	42
84	Crystal Structure of the Host Lattices of the Superconductors LixMNX (M = Zr, Hf; X = Cl, Br). Chemistry of Materials, 1999, 11, 203-206.	3.2	42
85	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/Mat	1.1	41
86	Band electronic structure study of the semimetallic properties and the anisotropic resistivity hump in zirconium tritelluride. Journal of the American Chemical Society, 1988, 110, 104-108.	6.6	40
87	High-pressure electronic structure and phase transitions in monoclinic InSe: X-ray diffraction, Raman spectroscopy, and density functional theory. Physical Review B, 2008, 77, .	1.1	40
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	STRUCTURAL AND ELECTRONIC ORIGIN OF THE HIDDEN NESTING AND CHARGE DENSITY WAVES IN TRANSITION METAL OXIDES AND BRONZES. International Journal of Modern Physics B, 1993, 07, 4005-4043.	1.0	39
90	First-principles study of the blue bronzeK0.3MoO3. Physical Review B, 2002, 65, .	1.1	39

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91	Me₃TTFâ€“PO₃H₂, a Redox Phosphonic Acid and Its Monoanilinium Salt [PhNH₊₃][Me₃TTFâ€“PO(OH)O^{â€‹}], the Electrocrystallized Neutral (Zwitterionic) Ï€ Radical [Me₃TTFâ€“PO(OH)O^{â€‹}]^{Â·+}, and Their Associated Lamellar Constructions in the Solid State. Chemistry - A European Journal, 1996, 2, 1275-1282.	1.7	38
92	Angle-resolved photoemission study and first-principles calculation of the electronic structure of GaTe. Physical Review B, 2002, 65, .	1.1	38
93	Metallic versus nonmetallic properties of ternary chalcogenides: tantalum metal selenide, Ta2MSe7 (M) Tj ETQq1 1 0.784314 rgBT /Ov Chemistry, 1987, 26, 3974-3976.	1.9	37
94	High-pressure, high-temperature phase diagram of InSe: A comprehensive study of the electronic and structural properties of the monoclinic phase of InSe under high pressure. Physical Review B, 2006, 73, .	1.1	37
95	Chromium boride (CrB4) and manganese boride (MnB4): electronic structures of two unusual systems containing the tetragonal carbon net. Inorganic Chemistry, 1988, 27, 4437-4444.	1.9	36
96	Activation of Câ‹¯Hâ‹…â‹…â‹…Halogen (Cl, Br, and I) Hydrogen Bonds at the Organic/Inorganic Interface in Fluorinated Tetrathiafulvalenes Salts. Chemistry - A European Journal, 2001, 7, 2635-2643.	1.7	36
97	A Neutral Zwitterionic Molecular Solid. Chemistry - A European Journal, 2010, 16, 14051-14059.	1.7	36
98	Band structure and Fermi surface of the (BEDT-TTF)4M[Fe(CN)5NO]2 (M=Na, K, Rb,â€¦) molecular metals containing the photochromic nitroprusside anion. Solid State Communications, 1999, 111, 329-333.	0.9	35
99	Band structure of indium selenide investigated by intrinsic photoluminescence under high pressure. Physical Review B, 2004, 70, .	1.1	35
100	Role of large but defective deltahedra in the structural chemistry of very complex solid borides and gallides. Inorganic Chemistry, 1991, 30, 1991-1998.	1.9	34
101	Nature of the charge density wave images of layered tantalum dichalcogenides 1T-TaX2 (X = sulfur,) Tj ETQq1 1 0.784314 rgBT /Overl Society, 1993, 115, 3760-3765.	6.6	34
102	Magnetic Properties and New Structural Classification of Molybdenum Phosphates Containing Mo(V). Chemistry of Materials, 1997, 9, 68-75.	3.2	34
103	Hybrid Molecular Materials Based upon the Photochromic Nitroprusside Complex, [Fe(CN)5NO]2-, and Organic Ï€-Electron Donors. Synthesis, Structure, and Properties of the Radical Salt (TTF)7[Fe(CN)5NO]2 (TTF = Tetrathiafulvalene). Inorganic Chemistry, 2000, 39, 5394-5397.	1.9	34
104	A chirality-induced alpha phase and a novel molecular magnetic metal in the BEDT-TTF/tris(croconate)ferrate(iii) hybrid molecular system. Chemical Communications, 2006, , 4931-4933.	2.2	34
105	Intramolecular Mixed-Valence State Through Silicon or Germanium Double Bridges in Rigid Bis(Tetrathiafulvalenes). Chemistry - A European Journal, 2007, 13, 5394-5400.	1.7	34
106	Donor Slab Robustness and Band Filling Variations in BDT-TTP-based Molecular Conductors: Î²-(BDT-TTP)6[Re6S6Cl8]Â·(CH2Cl-CHCl2)2 and Î²-(BDT-TTP)6 [Mo6Cl14]Â·(CH2Cl-CHCl2)2. Advanced Materials, 2000, 12, 436-439.	11.1	33
107	A new stable organic metal based on the BEDO-TTF donor and the doubly charged nitroprusside anion, (BEDO-TTF)4[Fe(CN)5NO]. Journal of Materials Chemistry, 2000, 10, 2017-2023.	6.7	33
108	(EDT-TTF-I2)2PbI3Â·H2O: an ambient pressure metal with a Î²â€² donor slab topology. Journal of Materials Chemistry, 2004, 14, 135-137.	6.7	33

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109	The 8 : 1 : 1 ternary hybrid framework in the system [EDT-TTFË™+][1,4-bis(iodoethynyl)benzene][Re6Se8(CN)6]4âˆ’: dual noncovalent expression of the octahedral halogen-bond hexa-acceptor nanonode. Chemical Communications, 2008, , 2194.	2.2	33
110	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
111	KNiPS4: A New Thiophosphate with One- and Two-Dimensional Structural Arrangements. Journal of Solid State Chemistry, 1995, 116, 107-112.	1.4	31
112	New BEDT-TTF/[Fe(C5O5)3]3-Hybrid System:Â Synthesis, Crystal Structure, and Physical Properties of a Chirality-Induced Îł Phase and a Novel Magnetic Molecular Metal. Inorganic Chemistry, 2007, 46, 4446-4457.	1.9	31
113	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
114	Novel redox properties of the paramagnetic hexanuclear niobium cluster halide Nb6Cl183- and the preparation, structures, and conducting and magnetic properties of its one-dimensional mixed-valence tetramethyltetra(selena and thia)fulvalenium salts: [TMTSF and TMTTF]5[Nb6Cl18].cntdot.(CH2Cl2)0.5. Chemistry of Materials, 1990, 2, 123-132.	3.2	30
115	Electronic Structure of the $mathsf{alpha}$-(BEDT-TTF)$mathsf{_2}$MHg(XCN)$mathsf{_4}$ (Mâ€‰=â€‰Tl,) Tj ETQq1 1 0.7843 Organic Metal $alpha$-(BEDT-TTF)$mathsf{_2}$TlHg(Se$mathsf{_{m 1-x}}$S$mathsf{_{m) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	30
116	An In-Depth Correlation of the Perturbation of the Organicâ€“Inorganic Interface Topology, Electronic Structure, and Transport Properties within an Extended Series of 21 Metallic Pseudopolymorphs, â€³-(BEDT-TTF)4â‹…(guest)nâ‹…[Re6Q6Cl8], (Q=S, Se). Chemistry - A European Journal, 2002, 8, 3884-3900.	1.7	30
117	Combination frequencies of magnetic oscillations inÎ²â€³â^’(BEDTâ^’TTF)4(NH4)[Fe(C2O4)3]â‹…DMF. Physical Review B, 2004, 69, .	1.1	30
118	Coexistence of two donor packing motifs in the stable molecular metal Îł-â€˜pseudo-Îºâ€™-(BEDT-TTF)4(H3O)[Fe(C2O4)3]Â·C6H4Br2. CrystEngComm, 2011, 13, 2430.	1.3	30
119	Electronic structure of Nb3X4 type compounds. Inorganic Chemistry, 1986, 25, 1488-1491.	1.9	29
120	Some general conditions for hidden Fermi surface nesting. Inorganic Chemistry, 1992, 31, 4169-4173.	1.9	29
121	Structural and electronic study of donors composed of two TTF moieties linked by tellurium bridges. Chemistry of Materials, 1993, 5, 1199-1203.	3.2	29
122	Origin of the Metal-to-Insulator Transition in H0.33MoO3. Inorganic Chemistry, 1997, 36, 4627-4632.	1.9	29
123	Synthesis, Characterization, and Electronic Structure of Ba5In4Bi5: An Acentric and One-Electron Deficient Phase. Chemistry - A European Journal, 2004, 10, 3615-3621.	1.7	29
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