

Carrier generation and electronic properties of a single-

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparable charge transport property based on S $\cdot\cdot\cdot$ S interactions with that of $\pi\text{-}\pi$ stacking in a bis-fused tetrathiafulvalene compound. <i>Science China Chemistry</i> , 2017, 60, 510-515.	4.2	9
2	Boron-Stabilized Planar Neutral π -Radicals with Well-Balanced Ambipolar Charge-Transport Properties. <i>Journal of the American Chemical Society</i> , 2017, 139, 14336-14339.	6.6	97
4	Transport properties of single-component organic conductors, TED derivatives. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 653-658.	1.7	2
5	Role of the Open-Shell Character on the Pressure-Induced Conductivity of an Organic Donor-Acceptor Radical Dyad. <i>Chemistry - A European Journal</i> , 2018, 24, 5500-5505.	1.7	14
6	Pure Organic Conductors Based on Protonic-Defect Induction: From Semiconductors to Organic Metals. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 467-485.	2.0	10
7	Conducting nanofibres of solvatofluorochromic cyclohexanetrione-dithiolylidene-based C3 symmetric molecule. <i>Chemical Communications</i> , 2018, 54, 212-215.	2.2	3
8	The thermoelectric power of band-filling controlled organic conductors, $\text{I}^2\text{-}(\text{BEDT-TTF})_3(\text{CoCl})_4(\text{GaCl})_4$. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2004-2010.	5.2	10
9	Five-Membered Ring Systems. <i>Progress in Heterocyclic Chemistry</i> , 2018, 30, 263-278.	0.5	1
10	Mixed valence salts based on carbon-centered neutral radical crystals. <i>Communications Chemistry</i> , 2018, 1, .	2.0	43
11	Stable Metallic State of a Neutral-Radical Single-Component Conductor at Ambient Pressure. <i>Journal of the American Chemical Society</i> , 2018, 140, 6998-7004.	6.6	48
12	A highly conductive, transparent molecular charge-transfer salt with reversible lithiation. <i>Chemical Communications</i> , 2019, 55, 7179-7182.	2.2	12
13	Highly Air-Stable Solution-Processed and Low-Temperature Organic/Inorganic Nanostructure Hybrid Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 2637-2644.	2.5	18
14	Cholesteric Aggregation at the Quinoidal-to-Diradical Border Enabled Stable n-Doped Conductor. <i>CheM</i> , 2019, 5, 964-976.	5.8	79
15	Air-Stable n-Type Thermoelectric Materials Enabled by Organic Diradicaloids. <i>Angewandte Chemie</i> , 2019, 131, 5012-5016.	1.6	64
16	Air-Stable n-Type Thermoelectric Materials Enabled by Organic Diradicaloids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4958-4962.	7.2	92
17	Surface-Mediated Recrystallization for Highly Conducting Organic Radical Crystal. <i>Crystal Growth and Design</i> , 2019, 19, 551-555.	1.4	11
18	Conducting neutral gold bisdithiolene complex $[\text{Au}(\text{dspdt})_2]^{\text{E}^{\text{TM}}}$. <i>Dalton Transactions</i> , 2020, 49, 13737-13743.	1.6	4
19	Single-component conductors based on closed-shell Ni and Pt bis(dithiolene) complexes: metallization under high pressure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11581-11592.	2.7	11

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20	Syntheses, Structures, and Physical Properties of Neutral Gold Dithiolate Complex, [Au(etdt) ₂] ⁺ ·THF. Crystals, 2020, 10, 1001.	1.0	2
21	Crystal structure and metallization mechanism of the $\dot{\text{C}}$ -radical metal TED. Chemical Science, 2020, 11, 11699-11704.	3.7	15
22	Highly Conducting and Flexible Radical Crystals. Angewandte Chemie, 2020, 132, 16578.	1.6	5
23	Highly Conducting and Flexible Radical Crystals. Angewandte Chemie - International Edition, 2020, 59, 16436-16439.	7.2	34
24	Air-stable Organic Radicals: New Generation Materials for Flexible Electronics?. Advanced Materials, 2020, 32, e1908015.	11.1	158
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33	Introducing Selenium in Single-Component Molecular Conductors Based on Nickel Bis(dithiolene) Complexes. Inorganic Chemistry, 2021, 60, 7876-7886.	1.9	4
34	Modern History of Organic Conductors: An Overview. Crystals, 2021, 11, 838.	1.0	23
35	Cytosine-fused TTF: Conducting property of single-component betainic radical and self-assembling ability of hemi-deprotonated cytosine pair. Molecular Crystals and Liquid Crystals, 0, , 1-12.	0.4	0
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39	Development of Conducting Charge-Transfer Complexes Based on Cooperation of Hydrogen-Bond and Charge-Transfer Interactions. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2019, 77, 318-329.	0.0	1
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41	A Platform to Evaluate the Effect of Back Charge Transfer on the Electrical Conductivity of TTF Charge Transfer Complexes: TTF ₃ MCl ₆ (M = In, Sb). <i>Inorganic Chemistry</i> , 2022, 61, 791-795.	1.9	1
42	Proton-coupled functionalities of conductivity, magnetism, and optical properties in molecular crystals. <i>Chemical Communications</i> , 2022, 58, 5668-5682.	2.2	7
43	Band-filling effects in single-crystalline oligomer models for doped PEDOT: 3,4-ethylenedioxythiophene (EDOT) dimer salt with hydrogen-bonded infinite sulfate anion chains. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7543-7551.	2.7	3
44	Magnetic coupling and spin ordering in bisdithiazolyl, thiaselenazolyl, and bisdiselenazolyl molecular materials. <i>Dalton Transactions</i> , 2022, 51, 13032-13045.	1.6	1
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46	Presynthetic Redox Gated Metal-to-Insulator Transition and Photothermoelectric Properties in Nickel Tetrathiafulvalene-Tetrathiolate Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 19026-19037.	6.6	9
47	Intrinsic glassy-metallic transport in an amorphous coordination polymer. <i>Nature</i> , 2022, 611, 479-484.	13.7	22
48	Photocontrollable Luminescence from Radicals Leading to Ratiometric Emission Switching via Dynamic Intermolecular Coupling. <i>Angewandte Chemie</i> , 0, , .	1.6	0
49	Photocontrollable Luminescence from Radicals Leading to Ratiometric Emission Switching via Dynamic Intermolecular Coupling. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	13
50	Neutral Radical Molecular Conductors Based on a Gold Dimethoxybenzenedithiolenes Complex with and without Crystal Solvent. <i>Chemistry Letters</i> , 2023, 52, 25-28.	0.7	0
51	Partially Oxidized Purely Organic Zwitterionic Neutral Radical Conductor: Multi-step Phase Transitions and Crossover Caused by Intra- and Intermolecular Electronic Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 21980-21991.	6.6	2
52	Air-stable organic radicals in solid state from a triphenylamine derivative by UV irradiation. <i>Tetrahedron Letters</i> , 2023, 115, 154259.	0.7	2
53	Catalytic degradation of Rhodamine B by a novel cobalt complex based on TTF derivative. <i>Inorganica Chimica Acta</i> , 2023, 548, 121394.	1.2	1
54	An organic superconductor, (TEA)(HEDO-TTF-dc) ₂ ·2(H ₂ C ₂ O ₄), coupled with strong hydrogen-bonding interactions. <i>Chemical Communications</i> , 2023, 59, 4162-4165.	2.2	0
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