Shi-Xia Liu

List of Publications by Year
in descending order

219	5,713	71102	114465
papers	citations	41 h-index	63 g-index

228	228	228	6149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Experimental and Computational Study on Intramolecular Charge Transfer: A Tetrathiafulvalene-Fused Dipyridophenazine Molecule. Chemistry - A European Journal, 2007, 13, 3804-3812.	3.3	172
2	Trimethylsilyl-Terminated Oligo(phenylene ethynylene)s: An Approach to Single-Molecule Junctions with Covalent Auâ€“C Ïƒ-Bonds. Journal of the American Chemical Society, 2012, 134, 19425-19431.	13.7	163
3	Gating of Quantum Interference in Molecular Junctions by Heteroatom Substitution. Angewandte Chemie - International Edition, 2017, 56, 173-176.	13.8	120
4	Current advances in fused tetrathiafulvalene donorâ€“acceptor systems. Chemical Society Reviews, 2015, 44, 863-874.	38.1	116
5	Synthesis and Electrochemical and Photophysical Studies of Tetrathiafulvalene-Annulated Phthalocyanines. Journal of Organic Chemistry, 2005, 70, 4988-4992.	3.2	108
6	Cyclic Conductance Switching in Networks of Redox-Active Molecular Junctions. Nano Letters, 2010, 10, 759-764.	9.1	108
7	Structural Studies of Transition Metal Complexes with 4,5-Bis(2-pyridylmethylsulfanyl)-4â€˛,5â€˛-ethylenedithiotetrathiafulvalene:â€‰ Probing Their Potential for the Construction of Multifunctional Molecular Assemblies. Inorganic Chemistry, 2003, 42, 4801-4803.	4.0	101
8	Magic Ratios for Connectivity-Driven Electrical Conductance of Graphene-like Molecules. Journal of the American Chemical Society, 2015, 137, 4469-4476.	13.7	101
9	Regulating a Benzodifuran Single Molecule Redox Switch via Electrochemical Gating and Optimization of Molecule/Electrode Coupling. Journal of the American Chemical Society, 2014, 136, 8867-8870.	13.7	100
10	Bottom-up Synthesis of Nitrogen-Doped Porous Graphene Nanoribbons. Journal of the American Chemical Society, 2020, 142, 12568-12573.	13.7	97
11	A Cruciform Electron Donorâ€“Acceptor Semiconductor with Solidâ€State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H₂S Gas. Advanced Functional Materials, 2014, 24, 4250-4258.	14.9	96
12	Fused Donorâ€“Acceptor Ligands in RuII Chemistry: Synthesis, Electrochemistry and Spectroscopy of [Ru(bpy)3â^'n(TTF-dppz)n](PF6)2. ChemPhysChem, 2007, 8, 1504-1512.	2.1	92
13	Tunneling, remanence, and frustration in dysprosium-based endohedral single-molecule magnets. Physical Review B, 2014, 89, .	3.2	91
14	One-Dimensional Î¼-Chloromanganese(II)â^'Tetrathiafulvalene (TTF) Coordination Compound. Inorganic Chemistry, 2006, 45, 3152-3154.	4.0	86
15	Luminescence and Single-Molecule Magnet Behavior in Lanthanide Complexes Involving a Tetrathiafulvalene-Fused Dipyridophenazine Ligand. Inorganic Chemistry, 2015, 54, 5384-5397.	4.0	85
16	Searching the Hearts of Graphene-like Molecules for Simplicity, Sensitivity, and Logic. Journal of the American Chemical Society, 2015, 137, 11425-11431.	13.7	84
17	Contrast Formation in Kelvin Probe Force Microscopy of Single Ï€-Conjugated Molecules. Nano Letters, 2014, 14, 3342-3346.	9.1	77
18	Coordination Chemistry of a Ï€-Extended, Rigid and Redox-Active Tetrathiafulvalene-Fused Schiff-Base Ligand. Inorganic Chemistry, 2008, 47, 3452-3459.	4.0	74

#	Article	IF	Citations
19	A Magic Ratio Rule for Beginners: A Chemist's Guide to Quantum Interference in Molecules. Chemistry - A European Journal, 2018, 24, 4193-4201.	3.3	74
20	Facile Synthesis of Novel Functionalized Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) Derivatives. Journal of Organic Chemistry, 2002, 67, 3160-3162.	3.2	70
21	Long-range ferrimagnetic order in a two-dimensional supramolecular Kondo lattice. Nature Communications, 2017, 8, 15388.	12.8	70
22	A redox-active tri-star molecule: merging of TTF and HAT chemistry. Chemical Communications, 2006, , 1878.	4.1	69
23	Control of Reactivity and Regioselectivity for On-Surface Dehydrogenative Arylâ€“Aryl Bond Formation. Journal of the American Chemical Society, 2016, 138, 5585-5593.	13.7	67
24	A quinoxaline-fused tetrathiafulvalene-based sensitizer for efficient dye-sensitized solar cells. Chemical Communications, 2014, 50, 6540-6542.	4.1	65
25	The Metallofullerene Fieldâ€Induced Singleâ€Ion Magnet HoSc₂N@C₈₀. Chemistry - A European Journal, 2014, 20, 13536-13540.	3.3	65
26	A Dinuclear Ni(II) Complex with Two Types of Intramolecular Magnetic Couplings:Â Ni(II)â^'Ni(II) and Ni(II)â^'TTFâ€¢+. Inorganic Chemistry, 2006, 45, 9622-9624.	4.0	61
27	New Sterically Encumbered 2,9-Diarylphenanthrolines for the Selective Formation of Heteroleptic Bis(phenanthroline)copper(I) Complexes. European Journal of Inorganic Chemistry, 2001, 2001, 1155-1166.	2.0	60
28	Functionalized Adamantane Tectons Used in the Design of Mixed-Ligand Copper(II) 1,2,4-Triazolyl/Carboxylate Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 863-872.	4.0	59
29	Pronounced Electrochemical Amphotericity of a Fused Donorâ€“Acceptor Compound: A Planar Merge of TTF with a TCNQâ€Type Bithienoquinoxaline. Chemistry - A European Journal, 2009, 15, 63-66.	3.3	58
30	Synthesis of a BEDT-TTF Bipyridine Organic Donor and the First FeII Coordination Complex with a Redox-Active Ligand. European Journal of Inorganic Chemistry, 2006, 2006, 3498-3502.	2.0	55
31	Imidazoleâ€Annulated Tetrathiafulvalenes Exhibiting pHâ€Tuneable Intramolecular Charge Transfer and Redox Properties. Chemistry - an Asian Journal, 2009, 4, 392-399.	3.3	53
32	Versatile Strategy To Access Fully Functionalized Benzodifurans: Redox-Active Chromophores for the Construction of Extended Ï€-Conjugated Materials. Journal of Organic Chemistry, 2010, 75, 3350-3357.	3.2	51
33	Benzodifuran-Based Ï€-Conjugated Copolymers for Bulk Heterojunction Solar Cells. Macromolecules, 2010, 43, 8058-8062.	4.8	51
34	Novel unsymmetrically functionalized BEDTâ€“TTF derivatives: synthesis, crystal structure and electrochemical characterization. Comptes Rendus Chimie, 2003, 6, 657-662.	0.5	50
35	Synthesis of Triazolylidene Nickel Complexes and Their Catalytic Application in Selective Aldehyde Hydrosilylation. ACS Catalysis, 2016, 6, 8192-8200.	11.2	50
36	Robust graphene-based molecular devices. Nature Nanotechnology, 2019, 14, 957-961.	31.5	50

#	Article	IF	Citations
37	Tetrathiafulvaleneï£¿Benzothiadiazoles as Redoxâ€Tunable Donorâ€“Acceptor Systems: Synthesis and Photophysical Study. Chemistry - A European Journal, 2013, 19, 2504-2514.	3.3	47
38	Onâ€Surface Synthesis and Characterization of Triply Fused Porphyrinâ€“Graphene Nanoribbon Hybrids. Angewandte Chemie - International Edition, 2020, 59, 1334-1339.	13.8	47
39	Photo-induced intramolecular charge transfer in an ambipolar field-effect transistor based on a Ï€-conjugated donorâ€“acceptor dyad. Journal of Materials Chemistry C, 2013, 1, 3985.	5.5	45
40	Self-Assembled Molecular-Electronic Films Controlled by Room Temperature Quantum Interference. CheM, 2019, 5, 474-484.	11.7	45
41	Integrating DNA Photonic Wires into Lightâ€Harvesting Supramolecular Polymers. Angewandte Chemie - International Edition, 2019, 58, 751-755.	13.8	45
42	A Compactly Fused Ï€-Conjugated Tetrathiafulvaleneâ^'Perylenediimide Donorâ^'Acceptor Dyad. Organic Letters, 2009, 11, 3096-3099.	4.6	43
43	Star-Shaped Tetrathiafulvalene-Fused Coronene with Large Ï€-Extended Conjugation. Journal of Organic Chemistry, 2009, 74, 5727-5729.	3.2	43
44	Synthesis of tetrathiafulvalene-annulated phthalocyanines. Tetrahedron, 2006, 62, 3543-3549.	1.9	41
45	Inter- and Intramolecular Interactions in Some Supramolecular Photochemical Systems. Advanced Functional Materials, 2006, 16, 286-295.	14.9	40
46	Ruthenium(II) Coordination Chemistry of a Fused Donorâ^'Acceptor Ligand: Synthesis, Characterization, and Photoinduced Electron-Transfer Reactions of [{Ru(bpy)₂}_n(TTF-ppb)](PF₆)_{2n} (n) Tj ETQq0 0 0 rgBT /Overlo	4.0	40
47	Controlling Electrical Conductance through a Ï€â€Conjugated Cruciform Molecule by Selective Anchoring to Gold Electrodes. Angewandte Chemie - International Edition, 2015, 54, 14304-14307.	13.8	40
48	Annulation of Tetrathiafulvalene to the Bay Region of Perylenediimide. Organic Letters, 2010, 12, 1344-1347.	4.6	38
49	Triazolylâ€“Based Copperâ€“Molybdate Hybrids: From Composition Space Diagram to Magnetism and Catalytic Performance. Inorganic Chemistry, 2014, 53, 10112-10121.	4.0	38
50	Periodic Charging of Individual Molecules Coupled to the Motion of an Atomic Force Microscopy Tip. Nano Letters, 2015, 15, 4406-4411.	9.1	38
51	Twoâ€Dimensional Supramolecular Electron Spin Arrays. Advanced Materials, 2013, 25, 2404-2408.	21.0	37
52	Effect of the Addition of a Fused Donorâ^'Acceptor Ligand on a Ru(II) Complex: Synthesis, Characterization, and Photoinduced Electron Transfer Reactions of [Ru(TTF-dppz)₂(Aqphen)]²⁺. Inorganic Chemistry, 2011, 50, 3295-3303.	4.0	36
53	An Original Redox-Responsive Ligand Based on a Ï€-Extended TTF Framework. Organic Letters, 2007, 9, 3753-3756.	4.6	35
54	Cluster-Based Networks: 1D and 2D Coordination Polymers Based on {MnFe2(Î¼3-O)}-Type Clusters. Inorganic Chemistry, 2012, 51, 5110-5117.	4.0	33

#	Article	IF	Citations
55	A Synthetic Approach to Asymmetric Phthalocyanines with Peripheral Metal-Binding Sites. European Journal of Organic Chemistry, 2006, 2006, 5467-5478.	2.4	32
56	A tetrathiafulvaleneâ€“tetracyanoanthraquinodimethane (TTFâ€“TCNAQ) diad with a chemically tunable HOMOâ€“LUMO gap. Tetrahedron, 2007, 63, 11282-11286.	1.9	32
57	Tetrathiafulvaleneâ€Fused Porphyrins via Quinoxaline Linkers: Symmetric and Asymmetric Donorâ€“Acceptor Systems. ChemPhysChem, 2012, 13, 3370-3382.	2.1	32
58	One-Photon Near-Infrared Sensitization of Well-Defined Yb(III) Surface Complexes for NIR-to-NIR Single Nanoparticle Imaging. Chemistry of Materials, 2015, 27, 2033-2039.	6.7	32
59	Synthesis of new ethynylbipyridine-linked mono- and bis-tetrathiafulvalenes: electrochemical, spectroscopic, and Ru(II)-binding studies. Tetrahedron, 2008, 64, 1345-1350.	1.9	31
60	An Efficient and Facile Synthesis of Highly Substituted 2,6-Dicyanoanilines. Journal of Organic Chemistry, 2008, 73, 3596-3599.	3.2	31
61	Coordination-directed self-assembly of a simple benzothiadiazole-fused tetrathiafulvalene to low-bandgap metallogels. Chemical Communications, 2015, 51, 15063-15066.	4.1	31
62	SYNTHESIS, CHARACTERIZATION AND STRUCTURE OF COMPLEXES OF LANTHANUM(III) PICRATE WITH N, N, Nâ€², Nâ€²-TETRAPHENYL-3, 6, 9-TRIOXAUNDECANEDIAMIDE. Journal of Coordination Chemistry, 1996, 39, 105-115.	2.2	30
63	Determination of trace europium based on new fluorimetric system of europium(III) with thenoyltrifluoroacetone and N,Nâ€²-dinaphthyl-N,Nâ€²-diphenyl-3,6-dioxaoctanediamide. Talanta, 1998, 46, 527-532.	5.5	30
64	Donorâ€“Acceptor Properties of a Single-Molecule Altered by On-Surface Complex Formation. ACS Nano, 2017, 11, 8413-8420.	14.6	30
65	Photoinduced Energy Transfer Processes within Dyads of Metallophthalocyanines Compactly Fused to a Ruthenium(II) Polypyridine Chromophore. Journal of Organic Chemistry, 2007, 72, 7533-7543.	3.2	29
66	Benzodifuranâ€containing wellâ€defined Ïâ€conjugated polymers for photovoltaic cells. Journal of Polymer Science Part A, 2012, 50, 2935-2943.	2.3	29
67	A Compact Tetrathiafulvaleneâ€“Benzothiadiazole Dyad and Its Highly Symmetrical Chargeâ€Transfer Salt: Ordered Donor Ïâ€Stacks Closely Bound to Their Acceptors. Chemistry - A European Journal, 2014, 20, 7136-7143.	3.3	29
68	Exploitation of desilylation chemistry in tailor-made functionalization on diverse surfaces. Nature Communications, 2015, 6, 6403.	12.8	29
69	Annulation of Tetrathiafulvalene to the Bay Region of Perylenediimide: Fast Electron-Transfer Processes in Polar and Nonpolar Solvents. Journal of Physical Chemistry C, 2011, 115, 8325-8334.	3.1	27
70	Microscopic theory of cooperative spin crossover: Interaction of molecular modes with phonons. Journal of Chemical Physics, 2015, 143, 084502.	3.0	27
71	A Highly Regioselective Sonogashira Coupling as a Key Step in the Preparation of the First Phenanthroline with Two Diverse Reactive Groups in 3,8-Positions. Organic Letters, 2000, 2, 3959-3962.	4.6	26
72	Synthesis, structures, redox and photophysical properties of benzodifuran-functionalised pyrene and anthracene fluorophores. Organic and Biomolecular Chemistry, 2011, 9, 6410.	2.8	26

#	Article	IF	Citations
73	Targeting Ï€â€Conjugated Multiple Donorâ€“Acceptor Motifs Exemplified by Tetrathiafulvaleneâ€Linked Quinoxalines and Tetrabenz[bc,ef,hi,uv]ovalenes: Synthesis, Spectroscopic, Electrochemical, and Theoretical Characterization. Chemistry - an Asian Journal, 2011, 6, 3312-3321.	3.3	26
74	Electronic tuning effects via cyano substitution of a fused tetrathiafulvaleneâ€“benzothiadiazole dyad for ambipolar transport properties. RSC Advances, 2014, 4, 2873-2878.	3.6	26
75	Composition Space Analysis in the Development of Copper Molybdate Hybrids Decorated by a Bifunctional Pyrazolyl/1,2,4-Triazole Ligand. Inorganic Chemistry, 2016, 55, 239-250.	4.0	26
76	Onâ€Surface Synthesis of Nitrogenâ€Doped Kagome Graphene. Angewandte Chemie - International Edition, 2021, 60, 8370-8375.	13.8	26
77	Electronic transport in benzodifuran single-molecule transistors. Nanoscale, 2015, 7, 7665-7673.	5.6	25
78	Thermal and near-infrared light induced spin crossover in a mononuclear iron(<scp>ii</scp>) complex with a tetrathiafulvalene-fused dipyridophenazine ligand. Dalton Transactions, 2016, 45, 11267-11271.	3.3	25
79	TTFâ€Modified DNA. Chemistry - A European Journal, 2008, 14, 5732-5736.	3.3	24
80	Orientation dependent molecular friction on organic layer compound crystals. Applied Physics Letters, 2011, 98, 083119.	3.3	24
81	Directed Metalation Cascade To Access Highly Functionalized Thieno[2,3-f]benzofuran and Exploration as Building Blocks for Organic Electronics. Organic Letters, 2013, 15, 5586-5589.	4.6	24
82	Tetranuclear {Co^{II}₂Co^{III}₂}, Octanuclear {Co^{II}₄Co^{III}₄}, and Hexanuclear {Co^{III}₃Dy^{III}₃} Pivalate Clusters: Synthesis, Magnetic Characterization, and Theoretical Modeling. Inorganic Chemistry, 2017, 56, 2662-2676.	4.0	24
83	Electronic tuning effects via Ï€-linkers in tetrathiafulvalene-based dyes. New Journal of Chemistry, 2014, 38, 3269.	2.8	23
84	Excited Spin-State Trapping in Spin Crossover Complexes on Ferroelectric Substrates. Journal of Physical Chemistry C, 2018, 122, 8202-8208.	3.1	23
85	Electrospray deposition of structurally complex molecules revealed by atomic force microscopy. Nanoscale, 2018, 10, 1337-1344.	5.6	23
86	Gating of Quantum Interference in Molecular Junctions by Heteroatom Substitution. Angewandte Chemie, 2017, 129, 179-182.	2.0	22
87	A Scanning Probe Microscopy Study of Annulated Redoxâ€Active Molecules at a Liquid/Solid Interface: The Overruling of the Alkyl Chain Paradigm. Chemistry - A European Journal, 2010, 16, 5008-5012.	3.3	21
88	A one-dimensional coordination polymer based on Cu3-oximato metallacrowns bridged by benzene-1,4-dicarboxylato ligands: structure and magnetic properties. Dalton Transactions, 2015, 44, 7896-7902.	3.3	21
89	Synthesis and characterization of a new pyrazine functionalized TTF derivative and crystal structure of its charge-transfer complex with iodine. Polyhedron, 2006, 25, 1514-1518.	2.2	20
90	A Donorâ€“Acceptor Tetrathiafulvalene Ligand Complexed to Iron(II): Synthesis, Electrochemistry, and Spectroscopy of [Fe(phen)₂(TTF-dppz)](PF₆)₂. Inorganic Chemistry, 2013, 52, 306-312.	4.0	20

#	Article	IF	Citations
91	Iron(III)â€Pivalateâ€Based Complexes with Tetranuclear {Fe₄(Ì¼₃â€O)₂}⁸⁺ Cores and Nâ€Donor Ligands: Formation of Cluster and Polymeric Architectures. European Journal of Inorganic Chemistry, 2011, 2011, 356-367.	2.0	19
92	Interpenetrated (8,3)-c and (10,3)-b Metalâ€“Organic Frameworks Based on {Fe^{III}₃} and {Fe^{III}₂Co^{II}} Pivalate Spin Clusters. Crystal Growth and Design, 2014, 14, 4721-4728.	3.0	19
93	Two-Dimensional Multiphase Behavior Induced by Sterically Hindered Conformational Optimization of Phenoxy-Substituted Phthalocyanines. Journal of Physical Chemistry C, 2008, 112, 6139-6144.	3.1	18
94	Mixed-ligand hydroxocopper(ii)/pyridazine clusters embedded into 3D framework lattices. Dalton Transactions, 2014, 43, 8530-8542.	3.3	17
95	Excited state interactions between the chiral Au₃₈L₂₄ cluster and covalently attached porphyrin. Physical Chemistry Chemical Physics, 2015, 17, 14788-14795.	2.8	17
96	Probing Lewis acidâ€“base interactions in single-molecule junctions. Nanoscale, 2018, 10, 18131-18134.	5.6	17
97	Stimuliâ€Responsive Supramolecular Polymers from Amphiphilic Phosphodiesterâ€Linked Azobenzene Trimers. Angewandte Chemie - International Edition, 2021, 60, 25872-25877.	13.8	17
98	Organosulfur donor with hydroxy groups and its conducting salt: crystal structures and physical properties. Polyhedron, 2004, 23, 1185-1189.	2.2	16
99	Tetrathiafulvalene-based lanthanide coordination complexes: Synthesis, crystal structure, optical and electrochemical characterization. Comptes Rendus Chimie, 2012, 15, 838-844.	0.5	16
100	New copper(II) complexes with isoconazole: Synthesis, structures and biological properties. Polyhedron, 2013, 52, 106-114.	2.2	16
101	Crystallization of a Twoâ€Dimensional Hydrogenâ€Bonded Molecular Assembly: Evolution of the Local Structure Resolved by Atomic Force Microscopy. Angewandte Chemie - International Edition, 2017, 56, 10786-10790.	13.8	16
102	Dual Luminescence and Long-Lived Charge-Separated States in Donor-Acceptor Assemblies Based on Tetrathiafulvalene-Fused Ruthenium(II)-Polypyridine Complexes. Chimia, 2007, 61, 621-625.	0.6	15
103	Synthesis, crystal structures and properties of substituted-pyridyl functionalized bis(ethylenedithio)tetrathiafulvalene derivatives and their corresponding Ni(II) and Co(II) complexes. Inorganica Chimica Acta, 2007, 360, 3848-3854.	2.4	15
104	Comparing Models for S = 1/2 Heisenberg Antiferromagnetic Chains: The Validity of Different Approaches for Describing a Oneâ€Dimensional Coordination Polymer, [Cu^{II}(HL)₂(4,4â€²â€bpy)]_n·2nH₂O (H₂L = 3â€Nitrophthalic Acid, bpy = Bipyridine). European Journal of Inorganic Chemistry, 2008, 2008, 1712-1718.	2.0	15
105	Forces from periodic charging of adsorbed molecules. Journal of Chemical Physics, 2017, 146, 092327.	3.0	15
106	Exploration of a Variety of Copper Molybdate Coordination Hybrids Based on a Flexible Bis(1,2,4-triazole) Ligand: A Look through the Composition-Space Diagram. Inorganic Chemistry, 2017, 56, 12952-12966.	4.0	15
107	Aggregation of a Giant Bean-like {Mn26Dy6} Heterometallic Oxo-Hydroxo-Carboxylate Nanosized Cluster from a Hexanuclear {Mn6} Precursor. Crystal Growth and Design, 2020, 20, 33-38.	3.0	15
108	Benzo[1,2-b:4,5-bâ€²]difuran-based sensitizers for dye-sensitized solar cells. RSC Advances, 2013, 3, 19798.	3.6	14

#	Article	IF	Citations
109	HOMO Stabilisation in Ï€â€Extended Dibenzotetrathiafulvalene Derivatives for Their Application in Organic Fieldâ€Effect Transistors. Chemistry - A European Journal, 2014, 20, 16672-16679.	3.3	14
110	Anthanthrene dye-sensitized solar cells: influence of the number of anchoring groups and substitution motif. RSC Advances, 2015, 5, 98643-98652.	3.6	14
111	Six Flexible and Rigid Co(II) Coordination Networks with Dicarboxylate and Nicotinamide-Like Ligands: Impact of Noncovalent Interactions in Retention of Dimethylformamide Solvent. Crystal Growth and Design, 2016, 16, 7011-7024.	3.0	14
112	Diversity of Spin Crossover Transitions in Binuclear Compounds: Simulation by Microscopic Vibronic Approach. Journal of Physical Chemistry C, 2016, 120, 14444-14453.	3.1	14
113	From pink to blue and back to pink again: changing the Co(<scp>ii</scp>) ligation in a two-dimensional coordination network upon desolvation. CrystEngComm, 2016, 18, 384-389.	2.6	14
114	Stimuli-responsive NLO properties of tetrathiafulvalene-fused donorâ€“acceptor chromophores. Physical Chemistry Chemical Physics, 2017, 19, 22573-22579.	2.8	14
115	Overcoming Steric Hindrance in Arylâ€Aryl Homocoupling via Onâ€Surface Copolymerization. ChemPhysChem, 2019, 20, 2360-2366.	2.1	14
116	Magnetostructural investigations into an S=1/2 sheet and a tetranuclear butterfly cluster. Inorganica Chimica Acta, 2009, 362, 2265-2269.	2.4	13
117	An Electrochemical and Photophysical Study of a Covalently Linked Inorganicâ€“Organic Dyad. ChemPhysChem, 2010, 11, 651-658.	2.1	13
118	A tetrathiafulvalene-functionalized naphthalene diimide: synthesis, electrochemical and photophysical properties. Tetrahedron, 2011, 67, 7231-7235.	1.9	13
119	Unprecedented Trapping of Difluorooctamolybdate Anions within an Î±-Polonium Type Coordination Network. Inorganic Chemistry, 2013, 52, 8784-8794.	4.0	13
120	The coordination chemistry of tartronic acid with copper: magnetic studies of a quasi-equilateral tricopper triangle. Dalton Transactions, 2014, 43, 656-662.	3.3	13
121	Thermally induced anchoring of a zinc-carboxyphenylporphyrin on rutile TiO2 (110). Journal of Chemical Physics, 2017, 146, .	3.0	13
122	Electric Field Control of the Valence-Tautomeric Transformation in Cobalt Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 5356-5365.	2.0	13
123	Dipole Moment and Polarizability of Tunable Intramolecular Charge Transfer States in Heterocyclic Ï€-Conjugated Molecular Dyads Determined by Computational and Stark Spectroscopic Study. Journal of Physical Chemistry C, 2018, 122, 9346-9355.	3.1	13
124	Integrating DNA Photonic Wires into Lightâ€Harvesting Supramolecular Polymers. Angewandte Chemie, 2019, 131, 761-765.	2.0	13
125	Crystal Engineering of a Series of Arylammonium Copper(II) Malonates. Crystal Growth and Design, 2010, 10, 1854-1859.	3.0	12
126	Tetracarboxylate Ligands as New Chelates Supporting Copper(II) Paddlewheel-Like Structures. Inorganic Chemistry, 2014, 53, 2683-2691.	4.0	12

#	Article	IF	Citations
127	A hybrid electron donor comprising cyclopentadithiophene and dithiafulvenyl for dye-sensitized solar cells. Beilstein Journal of Organic Chemistry, 2015, 11, 1052-1059.	2.2	12
128	Microscopic Approach to the Problem of Cooperative Spin Crossover in Polynuclear Cluster Compounds: Application to Tetranuclear Iron(II) Square Complexes. Journal of Physical Chemistry C, 2018, 122, 22150-22159.	3.1	12
129	A Spontaneous Condensation Sequence from a {Fe₆Dy₃} Wheel to a {Fe₇Dy₄} Globe. Crystal Growth and Design, 2019, 19, 2097-2103.	3.0	12
130	Implementing Functionality in Molecular Self-Assembled Monolayers. Nano Letters, 2019, 19, 2750-2757.	9.1	12
131	Sequential Bending and Twisting around Câ€“C Single Bonds by Mechanical Lifting of a Pre-Adsorbed Polymer. Nano Letters, 2020, 20, 652-657.	9.1	12
132	Synthesis and crystal structure of complexes of erbium(III) picrate with N,N,Nâ€²,Nâ€²-tetraphenyl-3,6,9-trioxaundecanediamide. Polyhedron, 1997, 16, 1491-1495.	2.2	11
133	Synthesis, Characterization, and Crystal Structure of Complexes of Lanthanide Picrates withN,N,N?,N?-tetraphenyl-3,6-dioxaoctanediamide. Helvetica Chimica Acta, 1997, 80, 586-592.	1.6	11
134	An organic charge transfer salt (TCN-DBTTF)[Fe(H2O)6][FeBr4]3: Synthesis, crystal structure and physical properties. Polyhedron, 2006, 25, 1613-1617.	2.2	11
135	An efficient one-pot synthesis of strongly fluorescent (hetero)arenes polysubstituted with amino and cyano groups. Tetrahedron, 2008, 64, 9437-9441.	1.9	11
136	A Layered Red-Emitting Chromophoric Organic Salt. Crystal Growth and Design, 2008, 8, 3004-3009.	3.0	11
137	Preparation of Zwitterionic Hydroquinone-Fused [1,4]Oxazinium Derivatives via a Photoinduced Intramolecular Dehydrogenative-Coupling Reaction. Organic Letters, 2009, 11, 5530-5533.	4.6	11
138	Exploratory studies on coordination chemistry of a redox-active bridging ligand: synthesis, properties and solid state structures of the complexes. Dalton Transactions, 2011, 40, 8193.	3.3	11
139	Synthesis and Redox and Photophysical Properties of Benzodifuranâ€“Spiropyran Ensembles. Chemistry - A European Journal, 2013, 19, 6459-6466.	3.3	11
140	Synthesis, Characterization, and Modeling of Magnetic Properties of a Hexanuclear Amino Alcohol-Supported {Co^{II}₂Co^{III}₂Dy^{III}₂} Pivalate Cluster. Journal of Physical Chemistry C, 2016, 120, 7435-7443.	3.1	11
141	Dirac-cone induced gating enhancement in single-molecule field-effect transistors. Nanoscale, 2019, 11, 13117-13125.	5.6	11
142	Onâ€Surface Synthesis and Characterization of Triply Fused Porphyrinâ€“Graphene Nanoribbon Hybrids. Angewandte Chemie, 2020, 132, 1350-1355.	2.0	11
143	Approaches to Fused Tetrathiafulvalene/Tetracyanoquinodimethane Systems. European Journal of Organic Chemistry, 2009, 2009, 6341-6354.	2.4	10
144	Self-Assembly of Individually Addressable Complexes of C60 and Phthalocyanines on a Metal Surface: Structural and Electronic Investigations. Journal of Physical Chemistry C, 2009, 113, 19373-19375.	3.1	10

#	Article	IF	Citations
145	Tetrathiafulvalene-annulated dipyrrolylquinoxaline: the effect of fluoride on its optical and electrochemical behaviors. Tetrahedron, 2012, 68, 1590-1594.	1.9	10
146	Exploiting Cooperative Catalysis for the Onâ€Surface Synthesis of Linear Heteroaromatic Polymers via Selective Câ€“H Activation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
147	Preparation and characterization of 3-(4,5-ethylenedithio-1,3-dithiol-2-ylidene)naphthopyranone: a luminescent redox-active donorâ€“acceptor compound. Tetrahedron, 2006, 62, 11106-11111.	1.9	9
148	Probing Charge Transfer in Benzodifuranâ€“C₆₀ Dumbbellâ€Type Electron Donorâ€“Acceptor Conjugates: Groundâ€and Excitedâ€State Assays. ChemPhysChem, 2013, 14, 2910-2919.	2.1	9
149	Crystal structures of isotypic poly[bis(benzimidazolium) [tetra-Î¼-iodido-stannate(II)]] and poly[bis(5,6-difluorobenzimidazolium) [tetra-Î¼-iodido-stannate(II)]]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 178-182.	0.2	9
150	Large Ïâ€Conjugated Chromophores Derived from Tetrathiafulvalene. Asian Journal of Organic Chemistry, 2014, 3, 198-202.	2.7	9
151	Zeroâ€Field Splitting in {Mn^{III}₃(Î¼₃â€O)} Core Singleâ€Molecule Magnets Investigated by Inelastic Neutron Scattering and Highâ€Field Electron Paramagnetic Resonance Spectroscopy. European Journal of Inorganic Chemistry, 2015, 2015, 2683-2689.	2.0	9
152	Coordination behavior of 1-(3,2â€²:6â€²,3â€³-terpyridin-4â€²-yl)ferrocene: Structure and magnetic and electrochemical properties of a tetracopper dimetallomacrocycle. Polyhedron, 2017, 129, 71-76.	2.2	9
153	Tunable Lifetimes of Intramolecular Charge-Separated States in Molecular Donorâ€“Acceptor Dyads. Journal of Physical Chemistry C, 2019, 123, 8500-8511.	3.1	9
154	Chemical control of photoinduced charge-transfer direction in a tetrathiafulvalene-fused dipyrrolylquinoxaline difluoroborate dyad. Chemical Communications, 2020, 56, 13421-13424.	4.1	9
155	Isolable Zwitterionic Pyridinio-semiquinone Ï€-Radicals. Mild and Efficient Single-Step Access to Stable Radicals. Organic Letters, 2009, 11, 2261-2264.	4.6	8
156	Synthesis and electrochemical properties of TTF modified oligodeoxynucleotides. Chemical Communications, 2009, , 5552.	4.1	8
157	Exploring the Electronic Structure of an Organic Semiconductor Based on a Compactly Fused Electron Donorâ€“Acceptor Molecule. ChemPhysChem, 2015, 16, 1361-1365.	2.1	8
158	Low-Dimensional Tin(II) Iodide Perovskite Structures Templated by an Aromatic Heterocyclic Cation. Crystal Growth and Design, 2016, 16, 5230-5237.	3.0	8
159	An electron acceptor molecule in a nanomesh: F4TCNQ on h-BN/Rh(111). Surface Science, 2018, 678, 183-188.	1.9	8
160	A tetrathiafulvalene-functionalized schiff base macrocycle: synthesis, electrochemical, and photophysical properties. Tetrahedron, 2011, 67, 1623-1627.	1.9	7
161	A quinoxaline-fused tetrathiafulvalene derivative and its semiconducting charge-transfer salt: synthesis, crystal structures and physical properties. New Journal of Chemistry, 2014, 38, 2052-2057.	2.8	7
162	A highly sensitive TTF-functionalised probe for the determination of physiological thiols and its application in tumor cells. RSC Advances, 2014, 4, 32639-32642.	3.6	7

#	Article	IF	Citations
163	Morphology Change of C₆₀ Islands on Organic Crystals Observed by Atomic Force Microscopy. ACS Nano, 2016, 10, 5782-5788.	14.6	7
164	Versatility of copper(II) coordination compounds with 2,3-bis(2-pyridyl)pyrazine mediated by temperature, solvents and anions choice. Solid State Sciences, 2018, 82, 1-12.	3.2	7
165	On the Border between Low-Nuclearity and One-Dimensional Solids: A Unique Interplay of 1,2,4-Triazolyl-Based {Cu^{II}₅(OH)₂} Clusters and Mo^{VI}-Oxide Matrix. Inorganic Chemistry, 2018, 57, 6076-6083.	4.0	7
166	Nanographene favors electronic interactions with an electron acceptor rather than an electron donor in a planar fused pushâ€“pull conjugate. Nanoscale, 2019, 11, 1437-1441.	5.6	7
167	Formation of Tetranuclear Nickel(II) Complexes with Schiff-Bases: Crystal Structures and Magnetic Properties. Crystals, 2020, 10, 592.	2.2	7
168	Constructive Quantum Interference in Singleâ€Molecule Benzodichalcogenophene Junctions. Chemistry - A European Journal, 2020, 26, 5264-5269.	3.3	7
169	Pathway selection as a tool for crystal defect engineering: A case study with a functional coordination polymer. Applied Materials Today, 2020, 20, 100632.	4.3	7
170	Synthesis and characterization of complexes of lanthanide nitrates with N,Nâ€²-dinaphthyl-N,Nâ€²-diphenyl-3,6-dioxaoctanediamide. Polyhedron, 1995, 14, 3605-3609.	2.2	6
171	Self-assembly of a redox-active bolaamphiphile into supramolecular vesicles. Organic and Biomolecular Chemistry, 2018, 16, 6886-6889.	2.8	6
172	Optically Controlled Electron Transfer in a Re^I Complex. Chemistry - A European Journal, 2021, 27, 5399-5403.	3.3	6
173	Effect of tert-butyl groups on electronic communication between redox units in tetrathiafulvalene-tetraazapyrene triads. Chemical Communications, 2021, 57, 12972-12975.	4.1	6
174	Crystal structures of the complexes of rare earth picrates with N, N, Nâ€², Nâ€²-tetraphenyl-3, 6-dioxaoctanediamide. Science in China Series B: Chemistry, 1997, 40, 323-329.	0.8	5
175	SYNTHESIS, CRYSTAL STRUCTURE AND FLUORESCENCE EMISSION OF COMPLEXES OF LANTHANIDE PICRATES WITH N,Nâ€²-DIMETHYL-N,N-DIPHENYL-3,6-DIOXAOCTANEDIAMIDE. Journal of Coordination Chemistry, 1999, 48, 33-42.	2.2	5
176	Complexation and extraction studies of lanthanide ions by 1,1â€²-(3,6,9-Trioxaundecanedionyl)Diphenothiazine. Journal of Coordination Chemistry, 2003, 56, 1537-1547.	2.2	5
177	Coordination networks of 2,3-bis(4,5-dimethylthio-1,3-dithiole-2-ylidene)succinonitrile with silver salts: A study of network connectivity and topology as a function of counterion. Polyhedron, 2005, 24, 3032-3037.	2.2	5
178	Multifunctional Materials Based on Tetrathiafulvalene Derivatives with Binding Sites for Metal Ions. Chimia, 2006, 60, 256-259.	0.6	5
179	Electricâ€Field Control of Magnetic and Polarizability Properties of Cyanideâ€Bridged Feâ€“Co Clusters. European Journal of Inorganic Chemistry, 2016, 2016, 5324-5331.	2.0	5
180	Synthesis, crystal structure, and properties of a Î¼₃-oxo-trichromium(III) propionate cluster with pyrazole. Journal of Coordination Chemistry, 2016, 69, 72-80.	2.2	5

#	Article	IF	Citations
181	Dinuclear Complexes Formed by Hydrogen Bonds: Synthesis, Structure and Magnetic and Electrochemical Properties. Chemistry - A European Journal, 2017, 23, 7104-7112.	3.3	5
182	Crystallization of a Twoâ€Dimensional Hydrogenâ€Bonded Molecular Assembly: Evolution of the Local Structure Resolved by Atomic Force Microscopy. Angewandte Chemie, 2017, 129, 10926-10930.	2.0	5
183	Amphiphilic anthanthrene trimers that exfoliate graphite and individualize single wall carbon nanotubes. Nanoscale, 2020, 12, 956-966.	5.6	5
184	Flexible Superlubricity Unveiled in Sidewinding Motion of Individual Polymeric Chains. Physical Review Letters, 2022, 128, .	7.8	5
185	Structure and magnetic properties of the radical cation salt of a TTF-based NiII complex. Journal of Low Temperature Physics, 2006, 142, 457-460.	1.4	4
186	Self-Assembly and Magnetic Order of Bi-Molecular 2D Spin Lattices of M(II,III) Phthalocyanines on Au(111). Magnetochemistry, 2021, 7, 119.	2.4	4
187	Adsorption geometry and electronic structure of a charge-transfer-complex: TTF-PYZ₂ on Ag(110). New Journal of Physics, 2021, 23, 013002.	2.9	4
188	Crystal structures of tetrabutylammonium bis(phthalocyaninato)terbium(III) methanol solvate hydrate (1:1: 3/2), [N(C4H9)4][Tb(C8H4N2)2]Â·CH3OHÂ· 3/2 H2O, and tetrabutylammonium bis(phthalocyaninato)dysprosium(III) methanol solvate hydrate (1:1:1), [N(C4H9)4][Dy(C8H4N2)2]Â·CH3OHÂ·H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 135-141.	0.3	3
189	A Spectroscopic and Computational Study of a Photoinduced Crossâ€Dehydrogenative Coupling Reaction of a Stable Semiquinone Radical. Chemistry - A European Journal, 2012, 18, 13605-13608.	3.3	3
190	A Pt(II) complex with both a phenanthroline and a tetrathiafulvalene-extended dithiolate ligand: Synthesis, crystal structure, electrochemical and spectroscopic properties. Polyhedron, 2013, 55, 87-91.	2.2	3
191	Hexanuclear Fe(III) wheels functionalized by amino-acetonitrile derivatives. Solid State Sciences, 2018, 78, 156-162.	3.2	3
192	Formation of Defect-Dicubane-Type Ni^{II}₂Ln^{III}₂ (Ln = Tb,) Tj ETQq0 0 0 rgBT /Overloc	3.5	3
193	Stimuliâ€responsive supramolecular polymers from amphiphilic phosphodiesterâ€linked azobenzene trimers. Angewandte Chemie, 2021, 133, 26076.	2.0	3
194	A Benzaldehyde Derivative as a Chelating Ligand: Helical Manganese(II) Coordination Polymers Assembling into a Porous Solid. Crystal Growth and Design, 2013, 13, 4138-4144.	3.0	2
195	Twoâ€Dimensional Supramolecular Electron Spin Arrays (Adv. Mater. 17/2013). Advanced Materials, 2013, 25, 2403-2403.	21.0	2
196	A terpy-functionalized benzodifuran-based fluorescent probe for in vitro monitoring cellular Zn(II) uptake. Polyhedron, 2017, 134, 287-294.	2.2	2
197	Incorporation of Hexanuclear Mn(II,III) Carboxylate Clusters with a {Mn6O2} Core in Polymeric Structures. Crystals, 2018, 8, 100.	2.2	2
198	InnenrÃ¼cktitelbild: Onâ€Surface Synthesis and Characterization of Triply Fused Porphyrinâ€“Graphene Nanoribbon Hybrids (Angew. Chem. 3/2020). Angewandte Chemie, 2020, 132, 1371-1371.	2.0	2

#	Article	IF	Citations
199	Bis(Triphenylamine)Benzodifuran Chromophores: Synthesis, Electronic Properties and Application in Organic Light-Emitting Diodes. Frontiers in Chemistry, 2021, 9, 721272.	3.6	2
200	Exploiting Cooperative Catalysis for the Onâ€surface Synthesis of Linear Heteroaromatic Polymers via Selective Câ€H Activation. Angewandte Chemie, 0, , .	2.0	2
201	Tetrathiafulvalenes Acting as Leaving Groups: A Route to Bithiazoles. Angewandte Chemie - International Edition, 2004, 43, 4738-41.	13.8	1
202	A Facile Approach to New Vinylogous Tetrathiafulvalene (TTF) Derivatives: 2,3-Bis(1,3-dithiole-2-ylidene)succinonitriles. Synthesis, 2005, 2005, 2157-2160.	2.3	1
203	A New Luminescent and Redox-Active Ruthenium Complex. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1469-1470.	1.6	1
204	Donorâ€“Acceptor Molecules: A Cruciform Electron Donorâ€“Acceptor Semiconductor with Solidâ€State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H₂S Gas (Adv. Funct. Mater. 27/2014). Advanced Functional Materials, 2014, 24, 4376-4376.	14.9	1
205	Gold-linked strings of donorâ€“acceptor dyads: on-surface formation and mutual orientation. Chemical Communications, 2020, 56, 7901-7904.	4.1	1
206	Onâ€Surface Synthesis of Nitrogenâ€Doped Kagome Graphene. Angewandte Chemie, 2021, 133, 8451-8456.	2.0	1
207	Intramolecular Chargeâ€Transfer Dynamics in Benzodifuranâ€Based Triads. Helvetica Chimica Acta, 2021, 104, e2100099.	1.6	1
208	Syntheses, characterization and crystal structures of a new functionalised TTF derivative and its Ni(II) complex. European Physical Journal Special Topics, 2004, 114, 683-688.	0.2	1
209	Crystalline multicomponent compounds involving hexaammine cobalt(III) cations. New Journal of Chemistry, 0, , .	2.8	1
210	Dithiinmaleimide functionalized ET derivatives: Syntheses, characterization and X-ray structure. Journal of Low Temperature Physics, 2006, 142, 453-456.	1.4	0
211	An investigation of electronic structure and properties of new chromophore: 3,3â€²-bithiazolo[3,4-a]pyridinium perchlorate. Journal of Luminescence, 2007, 122-123, 408-411.	3.1	0
212	Dithiinmaleimide Functionalized ET Derivatives: Syntheses, Characterization and X-ray Structure. Journal of Low Temperature Physics, 2007, 142, 457-460.	1.4	0
213	Structure and Magnetic Properties of the Radical Cation Salt of a TTF-based NiII Complex. Journal of Low Temperature Physics, 2007, 142, 461-464.	1.4	0
214	2,3-Dichloro-1,4-hydroquinone 2,3-dichloro-1,4-benzoquinone monohydrate: a quinhydrone-type 1:1 donor-acceptor [Dâ€”A] charge-transfer complex. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2967-o2968.	0.2	0
215	Frontispiece: A Magic Ratio Rule for Beginners: A Chemist's Guide to Quantum Interference in Molecules. Chemistry - A European Journal, 2018, 24, .	3.3	0
216	Frontispiz: Onâ€Surface Synthesis of Nitrogenâ€Doped Kagome Graphene. Angewandte Chemie, 2021, 133, .	2.0	0

#	Article	IF	Citations
217	Frontispiece: Onâ€Surface Synthesis of Nitrogenâ€Doped Kagome Graphene. Angewandte Chemie - International Edition, 2021, 60, .	13.8	0
218	Site-Specific Coordination Chemistry and Beyond: Novel Properties in Low Dimensional Supramolecular Architectures of Porphins at Surfaces. ECS Meeting Abstracts, 2019, , .	0.0	0
219	On-Surface Supramolecular Chemistry with Porphyrins and Phthalocyanines: An Architectural Concept Leading to Engineered Quantum-Functional Nanostructures. ECS Meeting Abstracts, 2020, MA2020-01, 928-928.	0.0	0