

# Smail Triki

## List of Publications by Citations

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120  
ext. papers

3,432  
ext. citations

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L-index

#	Paper	IF	Citations
116	Optical Investigation of Broadband White-Light Emission in Self-Assembled Organic/Inorganic Perovskite (C <sub>6</sub> H <sub>11</sub> NH <sub>3</sub> ) <sub>2</sub> PbBr <sub>4</sub> . <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 23638-23647	3.8	221
115	Asymmetric azido-copper(II) bridges: ferro- or antiferromagnetic? experimental and theoretical magneto-structural studies. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5501-8	5.1	157
114	Hybrid Molecular Materials Based upon Magnetic Polyoxometalates and Organic $\pi$ -Electron Donors: Syntheses, Structures, and Properties of Bis(ethylenedithio)tetrathiafulvalene Radical Salts with Monosubstituted Keggin Polyoxoanions. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1171-1181	16.4	129
113	Coexistence of Magnetic and Delocalized Electrons in Hybrid Molecular Materials. The Series of Organic-Inorganic Radical Salts (BEDT-TTF) <sub>8</sub> [XW <sub>12</sub> O <sub>40</sub> ](solv) <sub>n</sub> (X = 2(H <sup>+</sup> ), BIII, SiIV, CuII, CoII, and FeIII; solv = H <sub>2</sub> O, CH <sub>3</sub> CN). <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 4139-4151	5.1	117
112	Coexistence of Mobile and Localized Electrons in Bis(ethylene)dithiotetrathiafulvalene (BEDT-TTF) Radical Salts with Paramagnetic Polyoxometalates: Synthesis and Physical Properties of (BEDT-TTF) <sub>8</sub> [CoW <sub>12</sub> O <sub>40</sub> ] $\cdot$ 5.5 H <sub>2</sub> O. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 223-226		99
111	The key role of the intermolecular pi-pi interactions in the presence of spin crossover in neutral [Fe(abpt) <sub>2</sub> A <sub>2</sub> ] complexes (A = terminal monoanion N ligand). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8921-31	5.1	84
110	Elastic Frustration Triggering Photoinduced Hidden Hysteresis and Multistability in a Two-Dimensional Photoswitchable Hofmann-Like Spin-Crossover Metal-Organic Framework. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11652-11661	5.1	76
109	Broadband Emission in a New Two-Dimensional Cd-Based Hybrid Perovskite. <i>ACS Photonics</i> , <b>2018</b> , 5, 1599-1611	6.3	66
108	Polynitrile anions as ligands: From magnetic polymeric architectures to spin crossover materials. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 1468-1478	23.2	63
107	Novel Infinite Three-Dimensional Networks with Highly Conjugated Polynitrile Ligands: Syntheses, Crystal Structures, and Magnetic Properties of [Cu{C[C(CN) <sub>2</sub> ] <sub>3</sub> }(H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> and [Cu{C[C(CN) <sub>2</sub> ] <sub>3</sub> }(en)] <sub>n</sub> (en=NH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> NH <sub>2</sub> ). <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 113-115	16.4	62
106	Structural characterization, vibrational, optical properties and DFT investigation of a new luminescent organic/inorganic material: (C <sub>6</sub> H <sub>14</sub> N) <sub>3</sub> BiI <sub>9</sub> . <i>Journal of Luminescence</i> , <b>2015</b> , 161, 214-220	3.8	59
105	New compounds with bridging dicyanamide and bis-chelating 2,2'-bipyrimidine ligands: syntheses, structural characterisation and magnetic properties of the two-dimensional materials [Fe <sub>2</sub> (dca) <sub>4</sub> (bpym)] $\cdot$ H <sub>2</sub> O and [Fe <sub>2</sub> (dca) <sub>4</sub> (bpym)(H <sub>2</sub> O) <sub>2</sub> ]. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 954-958	3.6	59
104	Photoinduced HS state in the first spin-crossover chain containing a cyanocarbanion as bridging ligand. <i>Chemical Communications</i> , <b>2009</b> , 3404-6	5.8	58
103	New magnetic copper(II) coordination polymers with the polynitrile ligand (C[C(CN) <sub>2</sub> ] <sub>3</sub> ) <sub>2</sub> - and N-donor co-ligands. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4086-93	5.1	54
102	Hybrid molecular materials formed by alternating layers of bimetallic oxalate complexes and tetrathiafulvalene molecules: Synthesis, structure, and magnetic properties of TTF <sub>4</sub> (Mn(H <sub>2</sub> O) <sub>2</sub> )[Cr(ox) <sub>3</sub> ] <sub>2</sub> $\cdot$ 4 H <sub>2</sub> O. <i>Advanced Materials</i> , <b>1996</b> , 8, 737-740	24	52
101	Guidelines to design new spin crossover materials. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 1559-1569	3.2	48
100	On the Magnetic Coupling and Spin Crossover Behavior in Complexes Containing the Head-to-Tail [Fe( $\pi$ SCN)] Bridging Unit: A Magnetostructural Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2184-2192	5.1	46

99	Oxalato-bridged dinuclear complexes of Cr(III) and Fe(III): synthesis, structure, and magnetism of [(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> N] <sub>4</sub> [MM'(ox)(NCS) <sub>8</sub> ] with MM' = CrCr, FeFe, and CrFe. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3771-6	5.1	44
98	Yellowish White-Light Emission Involving Resonant Energy Transfer in a New One-Dimensional Hybrid Material: (C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> )PbCl <sub>4</sub> . <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 24253-24261	3.8	44
97	Magnetic bistability and thermochromism in a molecular Cu(II) chain. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 1269-71	5.1	42
96	Linkage isomerism in coordination polymers. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 2359-65	5.1	41
95	New Multidimensional Coordination Polymers with $\alpha$ - and $\beta$ -dcno Cyano Carbanion Ligand {dcno <sup>-</sup> = [(NC)2CC(O)O(CH <sub>2</sub> ) <sub>2</sub> OH]} <sub>n</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 186-194	2.3	40
94	Discrete Dinuclear Complexes and Two-Dimensional Architectures from Bridging Polynitrile and Bipyrimidine (bpym) Ligands: Syntheses, Structures and Magnetic Properties of [M <sub>2</sub> (bpym)(dcne) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> ] (M = MnII, CoII) and [M <sub>2</sub> (bpym)(dcne) <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub> ]·2H <sub>2</sub> O (M = FeII, CuII). <i>Journal of Physical Chemistry C</i> , <b>2004</b> , 108, 3768-3781	2.3	40
93	First tetrathiafulvalene (TTF) cation-radical salt containing the inorganic polyoxometalate [Mo <sub>8</sub> O <sub>26</sub> ] <sup>4-</sup> . <i>Advanced Materials</i> , <b>1993</b> , 5, 283-285	24	40
92	Cyanocarbanion-based spin-crossover materials: photocrystallographic and photomagnetic studies of a new iron(II) neutral chain. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 9358-68	5.1	38
91	Magneto-structural correlations and DFT calculations in two rare tetranuclear copper(II)-clusters with doubly phenoxo and end-on azido bridges: Syntheses, structural variations and EPR studies. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 3580-3588	2.7	38
90	Interplay between spin-crossover and luminescence in a multifunctional single crystal iron(ii) complex: towards a new generation of molecular sensors. <i>Chemical Science</i> , <b>2019</b> , 10, 6791-6798	9.4	37
89	cis-Diprotected cyclams and cyclens: a new route to symmetrically or asymmetrically 1,4-disubstituted tetraazamacrocycles and to asymmetrically tetrasubstituted derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1999</b> , 3499-3505		37
88	An unprecedented trinuclear Fe triazole-based complex exhibiting a concerted and complete sharp spin transition above room temperature. <i>Chemical Communications</i> , <b>2017</b> , 53, 8356-8359	5.8	36
87	[Cu(tn)] <sub>3</sub> [Cr(CN) <sub>6</sub> ] <sub>2</sub> ·3H <sub>2</sub> O: a unique two-dimensional Cu-Cr cyano-bridged ferromagnet (tn = 1,3-diaminopropane). <i>Chemical Communications</i> , <b>2002</b> , 1078-9	5.8	36
86	Structural phase transition causing anomalous photoluminescence behavior in perovskite (C <sub>6</sub> H <sub>11</sub> NH <sub>3</sub> ) <sub>2</sub> [PbI <sub>4</sub> ]. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 224201	3.9	35
85	Molecular assemblies based on tricyanomethanide units and copper(II) ions. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 350, 314-320	2.7	35
84	Macrocyclic-based spin-crossover materials. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 10416-23	5.1	33
83	Cooperative 1D Triazole-Based Spin Crossover Fell Material With Exceptional Mechanical Resilience. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 490-494	9.6	32
82	Control of the white-light emission in the mixed two-dimensional hybrid perovskites (C <sub>6</sub> H <sub>11</sub> NH <sub>3</sub> ) <sub>2</sub> [PbBr <sub>4</sub> ]·x. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 699, 1122-1133	5.7	32

81	Incorporation of trialkylsilyl and trialkylstannyl groups into ruthenium carbonyl clusters. Carbonyl substitution versus trialkylsilane or trialkylstannane elimination in these clusters. <i>Organometallics</i> , <b>1992</b> , 11, 3334-3339	3.8	31
80	Spin crossover iron(II) coordination polymer chains: syntheses, structures, and magnetic characterizations of $[\text{Fe}(\text{aqin})_2(\text{M}(\text{CN})_6)]_n$ (M = Ni(II), Pt(II), aqin = quinolin-8-amine). <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 97-104	5.1	30
79	Radical salts of the organic donor BET-TTF with polyoxometalate clusters. <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 313-317		30
78	New coordination polymer based on salpn Schiff base and azide bridging ligands: Synthesis and structural characterization of $\{\text{Na}[\text{Co}^{\text{III}}(\text{E}(\text{salpn}))(\text{N}_3)_2]\}_n$ (H <sub>2</sub> salpn = N,N'-bis(salicylidene)-1,3-diaminopropane). <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 587-590	2.7	29
77	New coordination polymers with a 2,2-dicyano-1-ethoxyethenolate (dcne) bridging ligand: syntheses, structural characterisation and magnetic properties of $[\text{M}(\text{dcne})_2(\text{H}_2\text{O})_2]$ (M = MnII, FeII, CoII, NiII and ZnII) and $[\text{Cu}(\text{dcne})_2(\text{H}_2\text{O})]$ . <i>Dalton Transactions RSC</i> , <b>2002</b> , 1687-1693		29
76	Heptanuclear hydroxo-bridged copper cluster of the dicubane-like type: structural and magnetic characterizations of $[\text{Cu}_7(\text{OH})_6\text{Cl}_2(\text{pn})_6(\text{H}_2\text{O})_2](\text{C}(\text{CN})_3)_4\text{Cl}_2$ (pn = 1,3-diaminopropane). <i>Chemical Communications</i> , <b>2001</b> , 2172-3	5.8	29
75	Comparison of the properties of the 1,1,2,4,5,5-hexacyano-3-aza-penta-1,4-dienide $[(\text{NC})_2\text{C}=\text{C}(\text{CN})\text{N}=\text{C}(\text{CN})\text{C}(\text{CN})_2]$ unit as anion and as ligand. Crystal structures of $(\text{Et}_4\text{N})(\text{C}_{10}\text{N}_7)$ and $[\{\text{Ag}(\text{C}_{10}\text{N}_7)\}]_n$ . <i>Polyhedron</i> , <b>1996</b> , 15, 195-202	2.7	29
74	High-dimensional mixed-valence copper cyanide complexes: Syntheses, structural characterizations and magnetism. <i>Polyhedron</i> , <b>2009</b> , 28, 1308-1314	2.7	28
73	New (NS) <sub>2</sub> Schiff base with a flexible spacer: Synthesis and structural characterization of its first coordination polymer $[\text{Cu}_2(\text{H})_2(\text{E}(\text{thio})_2\text{dapte})]_n$ (1). <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 1637-1640	2.7	27
72	The cyanocarbanion $[\text{C}(\text{CN})_2]_3^{2-}$ as monodentate ligand: Synthesis, structure and magnetic properties of $[\text{Mn}_2(\text{bpym})_3(\text{tcpd})_2(\text{H}_2\text{O})_2]$ (tcpd <sup>2-</sup> = $[\text{C}(\text{CN})_2]_3^{2-}$ and bpym = 2,2'-bipyrimidine). <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 3277-3282	2.7	27
71	$\{[\text{Cu}^{\text{II}}(\text{tn})]_2[\text{Fe}^{\text{II}}(\text{CN})_6]\}_n \cdot \text{KCl} \cdot \text{H}_2\text{O}$ (tn = 1,3-diaminopropane): a two-dimensional bimetallic layered material with $[\text{Cu}_4\text{Fe}_3]$ defective cubane units. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 196-198	3.6	27
70	Structural, vibrational and optical properties of a new self assembled organic-inorganic nanowire crystal $(\text{C}_6\text{H}_{14}\text{N})_2[\text{BiBr}_5]$ . A Density Functional Theory approach. <i>Journal of Luminescence</i> , <b>2015</b> , 166, 180-186	3.8	25
69	Copper(II) complexes with 2,5-bis(2-pyridyl)pyrazine and 1,1,3,3-tetracyano-2-ethoxypropenide anion: Syntheses, crystal structures and magnetic properties. <i>Polyhedron</i> , <b>2009</b> , 28, 1287-1294	2.7	25
68	New planar polynitrile dianion and its first coordination polymer with unexpected short M-M contacts (tcno <sup>2-</sup> = $[(\text{NC})_2\text{CC}(\text{O})\text{C}(\text{CN})_2]^{2-}$ ). <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 921-924	3.1	25
67	New, Multi-Dimensional $\text{Cu}(\text{tn})$ - $[\text{M}(\text{CN})_6]_n$ Cyano-Bridged, Bimetallic Coordination Materials (M = FeII, CoIII, CrIII and tn = 1,3-Diaminopropane). <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 185-199	3.3	25
66	New coordination polymers based on a novel polynitrile ligand: Synthesis, structure and magnetic properties of the series $[\text{M}(\text{tcnoetOH})_2(4,4'\text{-bpy})(\text{H}_2\text{O})_2]$ (tcnoetOH <sup>-</sup> = $[(\text{NC})_2\text{CC}(\text{OCH}_2\text{CH}_2\text{OH})\text{C}(\text{CN})_2]^-$ ; M = Fe, Co and Ni). <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 3856-3862	2.7	24
65	A Spin Crossover Transition in a Mn(II) Chain Compound. <i>Magnetochemistry</i> , <b>2016</b> , 2, 1	3.1	21
64	Resonantly Enhanced White-Light Emission Involving Energy and Charge Transfer in One-Dimensional Hybrid Material: $(\text{ABT})_2[\text{PbBr}_3]$ . <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 6213-6219	3.8	21

63	Interplay between a crystal's shape and spatiotemporal dynamics in a spin transition material. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 10142-10154	3.6	20
62	A novel polynitrile ligand with different coordination modes: Synthesis, structure and magnetic properties of the series $[M(\text{tcnoprOH})_2(\text{H}_2\text{O})_2]$ ( $M=\text{Mn}$ , $\text{Co}$ and $\text{Cu}$ ) ( $\text{tcnoprOH}=[(\text{NC})_2\text{CC}(\text{OCH}_2\text{CH}_2\text{CH}_2\text{OH})\text{C}(\text{CN})_2]$ ). <i>Journal of Molecular Structure</i> , <b>2008</b> , 890, 255-262	3.4	20
61	One-Dimensional Thiocyanato-Bridged Fe(II) Spin Crossover Cooperative Polymer With Unusual FeNS Coordination Sphere. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12338-12346	5.1	20
60	New coordination polymer based on a triply bridged dicarboxylate ligand: Synthesis, structure, and magnetic properties of the adipato complex $[\text{Cu}_4(\text{bpy})_4(\text{adip})_3](\text{tcnoet})_2 \cdot 2\text{H}_2\text{O}$ ( $\text{bpy}=\text{C}_{10}\text{H}_8\text{N}_2$ ; $\text{adip}=[\text{O}_2\text{C}(\text{CH}_2)_4\text{CO}_2]$ ; $\text{tcnoet}=[(\text{NC})_2\text{CC}(\text{OEt})\text{C}(\text{CN})_2]$ ). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3879-3886	2.7	19
59	New charge transfer salts based on bis(ethylenedithio)tetrathiafulvalene (ET) and ferro- or antiferromagnetic oxalato-bridged dinuclear anions: syntheses, structures and magnetism of $\text{ET}_5[\text{MM}'(\text{C}_2\text{O}_4)(\text{NCS})_8]$ with $\text{MM}' = \text{Cr}(\text{III})\text{Fe}(\text{III})$ , $\text{Cr}(\text{III})\text{Cr}(\text{III})$ . <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 5127-32	5.1	17
58	An organic-inorganic salt containing mixed-valence TTF chains and the molecular metal oxide cluster $[\text{Mo}_8\text{O}_{26}]^{4-}$ . Preliminary spectroscopic, conducting and magnetic properties of the compound $(\text{TTF})_7\text{Mo}_8\text{O}_{26}$ . <i>Synthetic Metals</i> , <b>1993</b> , 56, 1787-1790	3.6	17
57	Hidden Hysteretic Behavior of a Paramagnetic Iron(II) Network Revealed by Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 305-313	2.3	16
56	Dinuclear Spin-Crossover Complexes Based on Tetradentate and Bridging Cyanocarbanion Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9038-46	5.1	16
55	Spin crossover (SCO) iron(II) coordination polymer chain: Synthesis, structural and magnetic characterizations of $[\text{Fe}(\text{abpt})_2(\text{EM}(\text{CN})_4)]$ ( $M=\text{PtII}$ and $\text{NiII}$ ). <i>Polyhedron</i> , <b>2013</b> , 61, 242-247	2.7	16
54	Synthesis of nitrogen bicyclic scaffolds: pyrimido[1,2-a]pyrimidine-2,6-diones. <i>Tetrahedron</i> , <b>2010</b> , 66, 9912-9924	2.4	16
53	A copper(II) coordination polymer based on flexible spacer ligands: Synthesis, crystal structure, and magnetic properties of the adipato complex $[\text{Cu}_4(\text{bpy})_4(\text{adip})_3](\text{tcnp})_2$ [ $\text{bpy} = \text{C}_{10}\text{H}_8\text{N}_2$ ; $\text{adip}=[\text{O}_2\text{C}(\text{CH}_2)_4\text{CO}_2]$ ; $\text{tcnp}=[(\text{NC})_2\text{CC}(\text{OEt})\text{C}(\text{CN})_2]$ ]. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 3269-3274	2.7	16
52	Diacétylation d'éthyléniques du benzène chrometricarbonyle. Voie d'accès aux sels de pyrylium ébenchrotréniques. Analyse structurale aux rayons X et influence électronique inhabituelle du groupement $\text{Cr}(\text{CO})_3$ . <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 7259-7262	2	16
51	Evidence and detailed study of a second-order phase transition in the $(\text{C}_6\text{H}_{11}\text{NH}_3)_2[\text{PbI}_4]$ organic-inorganic hybrid material. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 115503	2.5	15
50	New conducting radical cation salt based on BEDT-TTF and substituted polyoxometalate anions: $[\text{BEDT-TTF}]_5[\text{VW}_5\text{O}_{19}] \cdot 6\text{H}_2\text{O}$ . <i>Synthetic Metals</i> , <b>1993</b> , 56, 2028-2033	3.6	15
49	TTF derivative salts with Lindqvist polyoxometallate anions. <i>Synthetic Metals</i> , <b>1991</b> , 42, 2589-2592	3.6	15
48	Polymeric networks of copper(II) ions linked by a bridging polynitrile ligand. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1472-1473	3.6	14
47	Copper(II)-dipicolinate-mediated clickable azide-alkyne cycloaddition in water as solvent A contribution dedicated to our friend Prof J. Faus in recognition of his outstanding career. View all notes. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 633-643	1.6	13
46	Magnetic properties of BEDT-TTF radical ion salts with Keggin type polyoxometalates. <i>Synthetic Metals</i> , <b>1995</b> , 70, 783-784	3.6	13

45	Polynitrile anions as ligands: synthesis, structure and magnetic properties of a new three-dimensional coordination polymer with the 2-dicyanomethylene-1,1,3,3-tetracyanopropanediide (tcpd <sub>2</sub> ) <sup>2-</sup> bridging ligand. <i>Synthetic Metals</i> , <b>2005</b> , 153, 481-484	3.6	12
44	Magnetic Bistability in Macrocycle-Based FeII Spin-Crossover Complexes: Counter Ion and Solvent Effects. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5305-5314	2.3	11
43	Synthesis and reactivity of dithiodiphenylphosphinato-derivatives of rhodium. Crystal structure of the square-pyramidal rhodium(III) complex [Rh(μ <sub>2</sub> -S <sub>2</sub> PPh <sub>2</sub> )(COMe)(PPh <sub>3</sub> )]. <i>Journal of Organometallic Chemistry</i> , <b>1992</b> , 441, 323-331	2.3	11
42	Negative Thermal Quenching of Efficient White-Light Emission in a 1D Ladder-Like Organic/Inorganic Hybrid Material. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900763	8.1	10
41	New charge transfer salts of two organic donors of the tetrathiafulvalene type with the paramagnetic [Cr(NCS) <sub>6</sub> ] <sup>3-</sup> anion. <i>Comptes Rendus Chimie</i> , <b>2003</b> , 6, 291-300	2.7	10
40	A rare polymeric azido-bridged copper(II) chain with a pentameric repeating unit: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , <b>2013</b> , 50, 45-50	2.7	9
39	Polymorphism and Metallic Behavior in BEDT-TTF Radical Salts with Polycyano Anions. <i>Crystals</i> , <b>2012</b> , 2, 306-326	2.3	9
38	Isomerism as a remarkable tool for the design of new potentially bridging macrocycle ligands: Synthesis and characterization of the [Cu(4-L1)](NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O polymeric chain (4-L1=mono-N (4-picolyl)cyclen). <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 1314-1316	3.1	9
37	Formation of Anionic Trifunctionalized Metallalactones by Nucleophilic Addition at the Carbonyl of a Pyruvoyl Ligand. <i>Organometallics</i> , <b>2005</b> , 24, 1709-1717	3.8	9
36	Radical cation salts based on BEDT-TTF and the paramagnetic anion [Cr(NCS) <sub>6</sub> ] <sup>3-</sup> . <i>Synthetic Metals</i> , <b>1999</b> , 102, 1755-1756	3.6	9
35	Spatio-temporal Investigations of the Incomplete Spin Transition in a Single Crystal of [Fe(2-pytrz) <sub>2</sub> {Pt(CN) <sub>4</sub> }] <sup>2+</sup> ·2H <sub>2</sub> O: Experiment and Theory. <i>Crystals</i> , <b>2019</b> , 9, 46	2.3	8
34	Excitonic luminescence in the self assembled organic/inorganic quantum well crystal: (C <sub>4</sub> H <sub>3</sub> SC <sub>2</sub> H <sub>4</sub> NH <sub>3</sub> ) <sub>2</sub> [PbI <sub>4</sub> ]. <i>Journal of Luminescence</i> , <b>2016</b> , 173, 203-207	3.8	8
33	exo-Diastereoisomer of 10-aryl-1,4,7-triazabicyclo[5.2.1]decane as intermediary in specific derivatisation of triazacyclononane. <i>Tetrahedron</i> , <b>2012</b> , 68, 5637-5643	2.4	8
32	Copper(I) Complex [Cu(ca <sub>2</sub> dapte)(NCS)] with the Flexible N <sub>2</sub> S <sub>2</sub> Schiff-base Tridentate Ligand: Synthesis, Characterization and Crystal Structure. <i>Journal of Chemical Crystallography</i> , <b>2011</b> , 41, 39-43	0.5	8
31	Synthetic ability of dinuclear mesocates containing 1,3-bis(diazinecarboxamide)benzene bridging ligands to form complexes of increased nuclearity. Crystal structures, magnetic properties and theoretical studies. <i>Dalton Transactions</i> , <b>2017</b> , 46, 10469-10483	4.3	7
30	Spin Cross-Over (SCO) Anionic Fe(II) Complexes Based on the Tripodal Ligand Tris(2-pyridyl)ethoxymethane. <i>Magnetochemistry</i> , <b>2020</b> , 6, 26	3.1	6
29	Crystal structure of trinuclear mixed-valence CoIII-CoII-CoIII complex {CoIII(ESal) <sub>2</sub> Mepn(N <sub>3</sub> )(μ <sub>2</sub> -1-N <sub>3</sub> )} <sub>2</sub> CoII(H <sub>2</sub> O) <sub>2</sub> . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 664-667	1.6	6
28	Ring Closure of Alkoxy carbonyl(tetracarbonyl)pyruvoyliron Complexes into Metallalactones Induced by Nucleophilic Attack of Carbanions. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1515-1524	2.3	6

27	Charge Transfer Salt with Substituted Lindquist Polyoxometalate: Synthesis, Crystal Structure, and Physical Properties of $[BEDT-TTF]_6(VW5O19) \cdot 2DMF \cdot 2H_2O$ . <i>Journal of Cluster Science</i> , <b>2002</b> , 13, 267-278	3	6
26	Molecular hybrids combining magnetic complexes and organic ligands. <i>Synthetic Metals</i> , <b>1999</b> , 103, 1974-1975	3.6	6
25	2(p-Dimethylaminophenyl) imino-1,3-dithioles : New unsymmetrical donors.. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 7341-7344	2	6
24	Copper(II) and nickel(II) complexes derived from a carbothioamide-5-pyrazolone ligand: synthesis, characterization, crystal structures, electrochemical, potentiometric and DNA-binding studies. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 4373-4394	1.6	5
23	Blue Emission from Charge-Transfer Excitons in Hybrid Organic-Inorganic Quantum Wires: (ABT) $[PbCl_3]$ . <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 26547-26553	3.8	5
22	The copper(II) complexes with tetradentate Schiff base ligands: Synthesis, crystal structures, and computational studies. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 209-213	1.6	5
21	Synthesis of an unsymmetrical N-functionalized triazacyclononane ligand and its Cu(II) complex. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 417, 201-207	2.7	5
20	Synthesis and crystal structure of one-dimensional azide-bridged Mn(III) polymer $[Mn(BrSal_2MePn)(\mu_3-N_3)]_n$ (BrSal <sub>2</sub> MePn = N,N'-bis(salicylidene)-1,2-propanediamine). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 518-522	1.6	5
19	Facile Preparation of Mn <sub>3</sub> O <sub>4</sub> Hausmanite Nanoplates from a New Octahedral Manganese (III) Schiff Base Complex. <i>Journal of Cluster Science</i> , <b>2014</b> , 25, 605-615	3	4
18	Synthesis, characterization and crystal structure of tetranuclear copper(II) complex $[Cu_4(\mu_3\text{-Salophen})_2(\mu_3\text{-N}_3)_2(\mu_3\text{-N}_3)_2]$ with alternating $\mu_3$ -1-azido and phenoxo bridges. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2012</b> , 38, 579-582	1.6	4
17	A two-dimensional magnetic architecture with bridging polynitrile and 2,2'-bipyrimidine ligands. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 625-626		4
16	Molecular hybrids formed by oxalate bridged dinuclear anions and organometallic cations. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1753-1754	3.6	4
15	Two bimetallic layered materials with $[Cu_4Fe_3]$ defective cubane units: syntheses, structures and magnetic properties of $\{[CuII(tn)]_2[FeII(CN)_6]\}_3[Na_3FeIII(CN)_6] \cdot 2H_2O$ (1) and $\{[CuII(tn)]_2[FeII(CN)_6]\} \cdot KCl \cdot 5H_2O$ (2). <i>Synthetic Metals</i> , <b>2005</b> , 153, 477-480	3.6	3
14	Metal-insulator phase transition in (BEDTTF) <sub>4</sub> M(CN) <sub>4</sub> salts. <i>Synthetic Metals</i> , <b>1991</b> , 42, 2053-2056	3.6	3
13	Spin Cross-Over (SCO) Complex Based on Unsymmetrical Functionalized Triazacyclononane Ligand: Structural Characterization and Magnetic Properties. <i>Magnetochemistry</i> , <b>2019</b> , 5, 19	3.1	2
12	Coordination polymers based on bridging cyanocarbanions and bis-tridentate p-phenylenediamine ligands. <i>Polyhedron</i> , <b>2017</b> , 125, 50-56	2.7	2
11	Polypyridyl-based Cu(II) coordination polymers: Synthesis, structural and magnetic characterizations. <i>Polyhedron</i> , <b>2015</b> , 97, 253-259	2.7	2
10	Multiexcitonic Broad-Band Emission Enhanced by Resonant Energy Transfer in a New Two-Dimensional Organic-Inorganic Perovskite: (C <sub>3</sub> H <sub>8</sub> N <sub>6</sub> )PbCl <sub>4</sub> . <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 20359-20366	3.8	2

9	Spin Crossover and High-Spin State in Fe(II) Anionic Polymorphs Based on Tripodal Ligands. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6536-6549	5.1	2
8	Magnetic Bistability in Macrocyclic-Based Fe(II) Spin-Crossover Complexes: Counter Ion and Solvent Effects. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5282-5282	2.3	2
7	Iron(II) Spin Crossover (SCO) Materials Based on Dipyriddy-N-Alkylamine. <i>Crystals</i> , <b>2018</b> , 8, 401	2.3	2
6	Hepta- and tetra-nuclear copper(II) clusters self-assembled by cyano- and azacyano-carbanions. <i>Polyhedron</i> , <b>2015</b> , 98, 18-25	2.7	1
5	Phosphine Addition to Pyruvoyl Ligands of Iron Complexes: Formation of Zwitterionic Metallalactones. <i>Organometallics</i> , <b>2009</b> , 28, 216-224	3.8	1
4	Thermal properties and reactions towards nucleophiles of an iron complex displaying an acetyl and a pyruvoyl ligands. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 3667-3678	2.3	1
3	Coordination isomerism in spin crossover (SCO) materials. <i>Journal of Applied Physics</i> , <b>2021</b> , 129, 145501	2.5	1
2	Solvent-Induced Hysteresis Loop in Anionic Spin Crossover (SCO) Isomorph Complexes. <i>Magnetochemistry</i> , <b>2021</b> , 7, 75	3.1	0
1	Cooperative triazole-based spin-crossover Fe(II) coordination polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2017</b> , 73, C188-C188	1.7	