

Lionel Salmon

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6254813/lionel-salmon-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

10,887
citations

54
h-index

93
g-index

268
ext. papers

12,198
ext. citations

6.6
avg, IF

6.48
L-index

#	Paper	IF	Citations
251	Effect of the spin crossover filler concentration on the performance of composite bilayer actuators. <i>Chemical Physics Letters</i> , 2022 , 793, 139438	2.5	1
250	Robust linear control of a bending molecular artificial muscle based on spin crossover molecules. <i>Sensors and Actuators A: Physical</i> , 2022 , 335, 113359	3.9	1
249	Sharp Volcano-Type Synergy and Visible Light Acceleration in H ₂ Release upon B ₂ (OH) ₄ Hydrolysis Catalyzed by Au-Rh@Click-Dendrimer Nanozymes. <i>ACS Applied Energy Materials</i> , 2022 , 5, 3834-3844	6.1	2
248	Dimethylphosphine P-Oxide as a Synthetic Platform for Bulky and Chiral Ligands with Dimethylphosphino Donor Groups. <i>Organometallics</i> , 2022 , 41, 1-19	3.8	1
247	Sequential activation of molecular and macroscopic spin-state switching within the hysteretic region following pulsed light excitation. <i>Advanced Materials</i> , 2021 , e2105468	24	0
246	Morphological Studies of Composite Spin Crossover@SiO Nanoparticles.. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
245	Colossal expansion and fast motion in spin-crossover@polymer actuators. <i>Materials Horizons</i> , 2021 , 8, 3055-3062	14.4	5
244	Molecular Oxygen Activation by Redox-Switchable Anthraquinone-Based Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 4676-4682	5.1	0
243	Complete and Versatile Post-Synthetic Modification on Iron-Triazole Spin Crossover Complexes: A Relevant Material Elaboration Method. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2000-2016	2.3	3
242	Supramolecular gel strategy-based nanomaterials with room temperature spin transition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 612, 126016	5.1	
241	Spin crossover metal-organic frameworks with inserted photoactive guests: on the quest to control the spin state by photoisomerization. <i>Dalton Transactions</i> , 2021 , 50, 8877-8888	4.3	3
240	Water Soluble Iron-Based Coordination Trimers as Synergistic Adjuvants for Pancreatic Cancer. <i>Antioxidants</i> , 2021 , 10,	7.1	3
239	Photoactuation of micromechanical devices by photochromic molecules. <i>Materials Advances</i> , 2021 , 2, 5057-5061	3.3	0
238	Triazolate-based pillarplexes: shape-adaptive metallocavitands via rim modification of macrocyclic ligands. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4061-4070	5.2	3
237	Bimetallic Platinum Group Complexes of a Macrocyclic Pyrazolate/NHC Hybrid Ligand. <i>Organometallics</i> , 2021 , 40, 3056-3065	3.8	
236	Investigation of the Effect of Spin Crossover on the Static and Dynamic Properties of MEMS Microcantilevers Coated with Nanocomposite Films of [Fe(Htrz) ₂ (trz)](BF ₄)@P(VDF-TrFE). <i>Magnetochemistry</i> , 2021 , 7, 114	3.1	1
235	C-C Cross-Couplings from a Cyclometalated Au(III) C N Complex: Mechanistic Insights and Synthetic Developments. <i>Chemistry - A European Journal</i> , 2021 , 27, 14322-14334	4.8	3

234	On the Spin-State Dependence of Redox Potentials of Spin Crossover Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 18402-18406	5.1	3
233	4D printing with spin-crossover polymer composites. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6001-6005	7.1	15
232	A molecular spin-crossover film allows for wavelength tuning of the resonance of a Fabry-Perot cavity. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8007-8011	7.1	4
231	Spin crossover polymer composites, polymers and related soft materials. <i>Coordination Chemistry Reviews</i> , 2020 , 419, 213396	23.2	25
230	Postsynthetic Framework Contraction Enhances the Two-Photon Absorption Properties of Pillar-Layered Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020 , 32, 5682-5690	9.6	7
229	New homoleptic gold carbene complexes via Ag/Au transmetalation: synthesis and application of [Au(diNHC) ₂] ³⁺ cations as ¹ H-NMR and UV-vis halide sensors. <i>New Journal of Chemistry</i> , 2020 , 44, 5343-5353	3.6	2
228	Mechano-electric coupling in P(VDF-TrFE)/spin crossover composites. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6042-6051	7.1	11
227	Ligand substitution effects on the charge transport properties of the spin crossover complex [Fe(Htrz) (trz) (NHtrz)](BF ₄)·H ₂ O. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 264002	1.8	1
226	Spin crossover in Fe(triazole)-Pt nanoparticle self-assembly structured at the sub-5 nm scale. <i>Nanoscale</i> , 2020 , 12, 8180-8187	7.7	5
225	Resistance switching in large-area vertical junctions of the molecular spin crossover complex [Fe(HB(tz))]: ON/OFF ratios and device stability. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 214010	1.8	5
224	Exploring the Reactivity and Biological Effects of Heteroleptic N-Heterocyclic Carbene Gold(I)-Alkynyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1040-1051	2.3	13
223	Unprecedented switching endurance affords for high-resolution surface temperature mapping using a spin-crossover film. <i>Nature Communications</i> , 2020 , 11, 3611	17.4	14
222	Visible-Light Acceleration of H ₂ Evolution from Aqueous Solutions of Inorganic Hydrides Catalyzed by Gold-Transition-Metal Nanoalloys. <i>ACS Applied Materials & Interfaces</i> , 2020 ,	9.5	10
221	Heat Capacity and Thermal Damping Properties of Spin-Crossover Molecules: A New Look at an Old Topic. <i>Advanced Materials</i> , 2020 , 32, e2000987	24	12
220	Direct Visualization of Local Spin Transition Behaviors in Thin Molecular Films by Bimodal AFM. <i>Small</i> , 2019 , 15, e1903892	11	8
219	Structures and biological activities of cycloheptamycins A and B. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6595-6600	3.9	1
218	Controlling Multiphoton Absorption Efficiency by Chromophore Packing in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11594-11602	16.4	30
217	Isolation of an N-Heterocyclic Carbene Complex of a Borasilene. <i>Chemistry - A European Journal</i> , 2019 , 25, 11036-11041	4.8	41

216	Recent Developments of Supramolecular Metal-based Structures for Applications in Cancer Therapy and Imaging. <i>Theranostics</i> , 2019 , 9, 3150-3169	12.1	78
215	Bilayer Thin Films That Combine Luminescent and Spin Crossover Properties for an Efficient and Reversible Fluorescence Switching. <i>Magnetochemistry</i> , 2019 , 5, 28	3.1	6
214	Effects of solvent vapor annealing on the crystallinity and spin crossover properties of thin films of [Fe(HB(tz) ₃) ₂]. <i>Comptes Rendus Chimie</i> , 2019 , 22, 525-533	2.7	5
213	Finite Size Effects on the Switching Dynamics of Spin-Crossover Thin Films Photoexcited by a Femtosecond Laser Pulse. <i>Advanced Materials</i> , 2019 , 31, e1901361	24	26
212	Drastic lattice softening in mixed triazole ligand iron(ii) spin crossover nanoparticles. <i>Chemical Communications</i> , 2019 , 55, 4769-4772	5.8	8
211	Phase Stability of Spin-Crossover Nanoparticles Investigated by Synchrotron Mössbauer Spectroscopy and Small-Angle Neutron Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 1511-1515	6.4	6
210	Flat and Efficient HCNN and CNN Pincer Ruthenium Catalysts for Carbonyl Compound Reduction. <i>Organometallics</i> , 2019 , 38, 1127-1142	3.8	11
209	Broad-Band Dielectric Spectroscopy Reveals Peak Values of Conductivity and Permittivity Switching upon Spin Crossover. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 7391-7396	6.4	7
208	Coordination chemistry of gold with N-phosphine oxide-substituted imidazolylidenes (POxIms). <i>New Journal of Chemistry</i> , 2019 , 43, 17275-17283	3.6	7
207	Complete post-synthetic modification of a spin crossover complex. <i>Dalton Transactions</i> , 2019 , 48, 16853-16856	4.9	10
206	Dramatic Synergy in CoPt Nanocatalysts Stabilized by Click Dendrimers for Evolution of Hydrogen from Hydrolysis of Ammonia Borane. <i>ACS Catalysis</i> , 2019 , 9, 1110-1119	13.1	96
205	[6+2] Photocyclization to cis-Hexahydrocarbazol-4-ones: Substrate Modification, Mechanism, and Scope. <i>Journal of Organic Chemistry</i> , 2019 , 84, 1139-1153	4.2	10
204	Three-Coordinate Boron(III) and Diboron(II) Dications. <i>Chemistry - A European Journal</i> , 2018 , 24, 4283-4288	4.8	27
203	Room temperature current modulation in large area electronic junctions of spin crossover thin films. <i>Applied Physics Letters</i> , 2018 , 112, 013301	3.4	29
202	Coupling Mechanical and Electrical Properties in Spin Crossover Polymer Composites. <i>Advanced Materials</i> , 2018 , 30, 1705275	24	50
201	Scan-rate and vacuum pressure dependence of the nucleation and growth dynamics in a spin-crossover single crystal: the role of latent heat. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9139-9145	3.6	10
200	Highly Selective and Sharp Volcano-type Synergistic NiPt@ZIF-8-Catalyzed Hydrogen Evolution from Ammonia Borane Hydrolysis. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10034-10042	16.4	205
199	Electron Flow in Large Metallomacromolecules and Electronic Switching of Nanoparticle Stabilization: Click Ferrocenyl Dendrimers that Reduce Au to Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2018 , 24, 12686-12694	4.8	7

198	Complete Set of Elastic Moduli of a Spin-Crossover Solid: Spin-State Dependence and Mechanical Actuation. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8970-8979	16.4	42
197	Spin Crossover Nanomaterials: From Fundamental Concepts to Devices. <i>Advanced Materials</i> , 2018 , 30, 1703862	24	260
196	Embryonic brass: pseudo two electron Cu/Zn clusters. <i>Chemical Science</i> , 2018 , 9, 8906-8913	9.4	15
195	Antimicrobial Activity and Cytotoxicity of Ag(I) and Au(I) Pillarplexes. <i>Frontiers in Chemistry</i> , 2018 , 6, 5845	15	
194	Suppressed Phosphine Dissociation by Polarization Effects on the Donor-Acceptor Bonds in [Ni(PET)(ECp*)] (E = Al, Ga). <i>Inorganic Chemistry</i> , 2018 , 57, 12657-12664	5.1	8
193	Spin-crossover nanoparticles and nanocomposite materials. <i>Comptes Rendus Chimie</i> , 2018 , 21, 1230-1262	2.7	56
192	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. <i>Chemical Science</i> , 2018 , 9, 8035-8045	9.4	28
191	Micromachining-Compatible, Facile Fabrication of Polymer Nanocomposite Spin Crossover Actuators. <i>Advanced Functional Materials</i> , 2018 , 28, 1801970	15.6	25
190	Vacuum deposition of high-quality thin films displaying spin transition near room temperature. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4419-4425	7.1	43
189	A Bistable Microelectromechanical System Actuated by Spin-Crossover Molecules. <i>Angewandte Chemie</i> , 2017 , 129, 8186-8190	3.6	19
188	A Bistable Microelectromechanical System Actuated by Spin-Crossover Molecules. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8074-8078	16.4	38
187	RhAg/rGO nanocatalyst: ligand-controlled synthesis and superior catalytic performances for the reduction of 4-nitrophenol. <i>Journal of Materials Science</i> , 2017 , 52, 9465-9476	4.3	13
186	Solvatomorphism and structural-spin crossover property relationship in bis[hydrotris(1,2,4-triazol-1-yl)borate]iron(II). <i>CrystEngComm</i> , 2017 , 19, 3271-3280	3.3	29
185	Click Co sandwich-terminated dendrimers as polyhydride reservoirs and micellar templates. <i>Chemical Communications</i> , 2017 , 53, 6267-6270	5.8	3
184	Piezoresistive Effect in the [Fe(Htrz)(trz)](BF ₄) Spin Crossover Complex. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3147-3151	6.4	24
183	A hybrid carbocyclic/N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2017 , 53, 2098-2101	5.8	8
182	An efficient parts-per-million FeO nanocluster/graphene oxide catalyst for Suzuki-Miyaura coupling reactions and 4-nitrophenol reduction in aqueous solution. <i>Chemical Communications</i> , 2017 , 53, 644-646	5.8	38
181	Unprecedented Size Effect on the Phase Stability of Molecular Thin Films Displaying a Spin Transition. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 25617-25621	3.8	20

180	Redox synthesis and high catalytic efficiency of transition-metal nanoparticle/graphene oxide nanocomposites. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21947-21954	13	14
179	Magnetic Susceptibility Study of Sub-Pico-emu Sample Using a Micromagnetometer: An Investigation through Bistable Spin-Crossover Materials. <i>Advanced Materials</i> , 2017 , 29, 1703073	24	17
178	Spatiotemporal dynamics of the spin transition in [Fe(HB(tz) ₃) ₂] single crystals. <i>Physical Review B</i> , 2017 , 96,	3.3	16
177	A pH-Dependent, Mechanically Interlocked Switch: Organometallic [2]Rotaxane vs. Organic [3]Rotaxane. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15733-15736	16.4	48
176	Finite-size effects on the lattice dynamics in spin crossover nanomaterials. I. Nuclear inelastic scattering investigation. <i>Physical Review B</i> , 2017 , 96,	3.3	17
175	Near-Infrared Luminescence Switching in a Spin-Crossover Polymer Nanocomposite. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3446-3451	2.3	9
174	Hydrolysis of Ammonia-Borane over Ni/ZIF-8 Nanocatalyst: High Efficiency, Mechanism, and Controlled Hydrogen Release. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11610-11615	16.4	215
173	Toolbox of Nonmetallocene Lanthanides: Multifunctional Catalysts in Group-Transfer Polymerization. <i>Inorganic Chemistry</i> , 2017 , 56, 9754-9764	5.1	25
172	Dimerization of a mixed-carbene Pd dibromide complex by elemental iodine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 1131-1136	0.8	1
171	Hysteresis, nucleation and growth phenomena in spin-crossover solids. <i>Solid State Sciences</i> , 2017 , 74, A1-A22	3.4	25
170	The Ambivalent Nature of Halogenated Tropone Derivatives: Dihalocycloheptatriene vs. Halotropylium Halide. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4255-4259	3.2	4
169	Hydroxytropylium chloride: the first crystal structure of an unfunctionalized hydroxytropylium ion. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 810-813	0.8	4
168	A hybrid imidazolylidene/imidazolium nickel NHC complex: an isolated intermediate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 880-884	0.8	1
167	Elastic coupling between spin-crossover particles and cellulose fibers. <i>Chemical Communications</i> , 2016 , 52, 11267-11269	5.8	20
166	Aluminum Hydrides Stabilized by N-Heterocyclic Imines as Catalysts for Hydroborations with Pinacolborane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 1245-1250	1.3	55
165	Design and Applications of an Efficient Amphiphilic ClickCuI Catalyst in Water. <i>ACS Catalysis</i> , 2016 , 6, 5424-5431	13.1	45
164	From Mono to Tris-1,2,3-triazole-Stabilized Gold Nanoparticles and Their Compared Catalytic Efficiency in 4-Nitrophenol Reduction. <i>Inorganic Chemistry</i> , 2016 , 55, 6776-80	5.1	27
163	Switchable molecule-based materials for micro- and nanoscale actuating applications: Achievements and prospects. <i>Coordination Chemistry Reviews</i> , 2016 , 308, 395-408	23.2	147

162	Six- and seven-coordinate Fe(II) and Zn(II) compounds ligated by unsymmetric xanthene-based ligands: characterization and magnetic properties. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 616-629	6.8	6
161	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Fe-tetracarbene superoxo complex. <i>Dalton Transactions</i> , 2016 , 45, 6449-55	4.3	36
160	Capsoplexes: encapsulating complexes via guest recognition. <i>Chemical Communications</i> , 2016 , 52, 9089-928	3.2	18
159	Unidirectional electric field-induced spin-state switching in spin crossover based microelectronic devices. <i>Chemical Physics Letters</i> , 2016 , 644, 138-141	2.5	39
158	In Situ AFM Imaging of Microstructural Changes Associated with The Spin Transition in [Fe(Htrz)(Trz)](BF ₄) Nanoparticles. <i>Materials</i> , 2016 , 9,	3.5	16
157	CdTe Quantum Dot Fluorescence Modulation by Spin Crossover. <i>Magnetochemistry</i> , 2016 , 2, 11	3.1	13
156	Charge Transport and Electrical Properties of Spin Crossover Materials: Towards Nanoelectronic and Spintronic Devices. <i>Magnetochemistry</i> , 2016 , 2, 18	3.1	130
155	Current Switching Coupled to Molecular Spin-States in Large-Area Junctions. <i>Advanced Materials</i> , 2016 , 28, 7508-14	24	77
154	Highly Efficient Transition Metal Nanoparticle Catalysts in Aqueous Solutions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3091-5	16.4	109
153	Iodine(III)-Catalyzed Cascade Reactions Enabling a Direct Access to β -Lactams and β -Hydroxy- α -amino Acids. <i>Organic Letters</i> , 2016 , 18, 3466-9	6.2	18
152	Evaluation of New Palladium Cages as Potential Delivery Systems for the Anticancer Drug Cisplatin. <i>Chemistry - A European Journal</i> , 2016 , 22, 2253-6	4.8	94
151	Highly Efficient Transition Metal Nanoparticle Catalysts in Aqueous Solutions. <i>Angewandte Chemie</i> , 2016 , 128, 3143-3147	3.6	20
150	Microelectromechanical systems integrating molecular spin crossover actuators. <i>Applied Physics Letters</i> , 2016 , 109, 061903	3.4	25
149	Raman and nuclear inelastic scattering study of the lattice dynamics of the [Fe(H ₂ B(pz) ₂) ₂ (phen)] spin crossover complex. <i>Chemical Physics Letters</i> , 2016 , 653, 131-136	2.5	13
148	Pillarplexes: A Metal-Organic Class of Supramolecular Hosts. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13171-13174	16.4	55
147	High Spatial Resolution Imaging of Transient Thermal Events Using Materials with Thermal Memory. <i>Small</i> , 2016 , 12, 6325-6331	11	16
146	Catalytically-Active Palladium Nanoparticles Stabilized by Triazolylbiferrocenyl-Containing Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 437-446	3.2	4
145	Electronic communication between fluorescent pyrene excimers and spin crossover complexes in nanocomposite particles. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5026-5032	7.1	50

144	Matrix-free synthesis of spin crossover micro-rods showing a large hysteresis loop centered at room temperature. <i>Chemical Communications</i> , 2015 , 51, 9346-9	5.8	10
143	Polymorphism-Dependent Spin-Crossover: Hysteretic Two-Step Spin Transition with an Ordered [HS-HS-LS] Intermediate Phase. <i>Inorganic Chemistry</i> , 2015 , 54, 5145-7	5.1	43
142	New Polysilyl Dendritic Precursors of Triazolylferrocenyl and Triazolylcobalticinium Dendrimers—Comparative Electrochemical Study and Stabilization of Small, Catalytically Active Pd Nanoparticles. <i>Organometallics</i> , 2015 , 34, 1643-1650	3.8	15
141	Metal Substitution Effects on the Charge Transport and Spin Crossover Properties of [Fe _{1-x} Zn _x (Htrz) ₂ (trz)](BF ₄) (trz = Triazole). <i>Journal of Physical Chemistry C</i> , 2015 , 119, 8522-8529	3.8	23
140	On the stability of spin crossover materials: From bulk samples to electronic devices. <i>Polyhedron</i> , 2015 , 102, 434-440	2.7	26
139	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex [Cu(CNC(t-Bu)) ₂](PF ₆) ₂ . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 643-6	0.8	5
138	Enhanced luminescence stability with a Tb-spin crossover nanocomposite for spin state monitoring. <i>Chemical Communications</i> , 2015 , 51, 15098-101	5.8	35
137	Robust, Efficient, and Recyclable Catalysts from the Impregnation of Preformed Dendrimers Containing Palladium Nanoparticles on a Magnetic Support. <i>ChemCatChem</i> , 2015 , 7, 303-308	5.2	37
136	Efficient and magnetically recoverable "click" PEGylated Fe ₂ O ₃ -Pd nanoparticle catalysts for Suzuki-Miyaura, Sonogashira, and Heck reactions with positive dendritic effects. <i>Chemistry - A European Journal</i> , 2015 , 21, 1508-19	4.8	54
135	Spin-Crossover Nano- and Micrometric Rod-Shaped Particles Synthesized in Homogeneous Acid Media. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3336-3342	2.3	13
134	Redox-Robust Pentamethylferrocene Polymers and Supramolecular Polymers, and Controlled Self-Assembly of Pentamethylferricenium Polymer-Embedded Ag, AgI, and Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2015 , 21, 18177-86	4.8	28
133	Platinum Nanoparticles Stabilized by Glycerodendrimers: Synthesis and Application to the Hydrogenation of α -Unsaturated Ketones under Mild Conditions. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4518-4523	2.3	4
132	Cellulose-spin crossover particle composite papers with reverse printing performance: a proof of concept. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7897-7905	7.1	26
131	A tris(triazolate) ligand for a highly active and magnetically recoverable palladium catalyst of selective alcohol oxidation using air at atmospheric pressure. <i>Chemistry - A European Journal</i> , 2015 , 21, 6501-10	4.8	18
130	Investigation of nucleation and growth phenomena during the thermal and light induced spin transition in the [Fe(1-bpp) ₂](BF ₄) ₂ complex. <i>Pure and Applied Chemistry</i> , 2015 , 87, 261-270	2.1	7
129	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1H-imidazol-1-yl]methane}(MeCN)(PMe ₃)](PF ₆) ₂ : structure of the ligand decomposition product trapped via coordination to iron(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 1096-9	0.8	0
128	Synthesis and redox activity of "clicked" triazolylbiferrocenyl polymers, network encapsulation of gold and silver nanoparticles and anion sensing. <i>Inorganic Chemistry</i> , 2015 , 54, 2284-99	5.1	11
127	Alkynyl-Functionalized Imidazolium for Click-Dendrimer Functionalisation and Palladium Nanoparticle Stabilization. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1345-1350	2.3	6

126	Lattice dynamics in spin-crossover nanoparticles through nuclear inelastic scattering. <i>Physical Review B</i> , 2015 , 91,	3.3	34
125	Light induced modulation of charge transport phenomena across the bistability region in [Fe(Htrz) ₂ (trz)](BF ₄) spin crossover micro-rods. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 5151-4	3.6	29
124	Spin-crossover metal-organic frameworks: promising materials for designing gas sensors. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1277-1285	7.1	79
123	Effect of ligand substitution in [Fe(H-trz) ₂ (trz)]BF ₄ spin crossover nanoparticles. <i>French-Ukrainian Journal of Chemistry</i> , 2015 , 3, 66-72	0.3	7
122	Multifunctional redox polymers: electrochrome, polyelectrolyte, sensor, electrode modifier, nanoparticle stabilizer, and catalyst template. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8445-9	16.4	45
121	"Click" chemistry mildly stabilizes bifunctional gold nanoparticles for sensing and catalysis. <i>Chemistry - A European Journal</i> , 2014 , 20, 8363-9	4.8	26
120	Dielectric and charge transport properties of the spin crossover complex [Fe(Htrz) ₂ (trz)](BF ₄). <i>Physica Status Solidi - Rapid Research Letters</i> , 2014 , 8, 191-193	2.5	33
119	Finite size effects in molecular spin crossover materials. <i>New Journal of Chemistry</i> , 2014 , 38, 1834	3.6	51
118	Stabilization of AuNPs by monofunctional triazole linked to ferrocene, ferricenium, or coumarin and applications to synthesis, sensing, and catalysis. <i>Inorganic Chemistry</i> , 2014 , 53, 11802-8	5.1	27
117	Cyclopentadienyl molybdenum alkyl ester complexes as catalyst precursors for olefin epoxidation. <i>Catalysis Science and Technology</i> , 2014 , 4, 4219-4231	5.5	12
116	Structural, magnetic and theoretical calculations of a ferromagnetically coupled tetranuclear copper(II) square complex. <i>New Journal of Chemistry</i> , 2014 , 38, 1306-1314	3.6	7
115	The photo-thermal plasmonic effect in spin crossover@silica-gold nanocomposites. <i>Chemical Communications</i> , 2014 , 50, 13015-8	5.8	38
114	Emerging properties and applications of spin crossover nanomaterials. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1360-1366	7.1	130
113	Spin crossover composite materials for electrothermomechanical actuators. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2949-2955	7.1	69
112	Metallo-dendrimers in three oxidation states with electronically interacting metals and stabilization of size-selected gold nanoparticles. <i>Nature Communications</i> , 2014 , 5, 3489	17.4	38
111	Sodium borohydride stabilizes very active gold nanoparticle catalysts. <i>Chemical Communications</i> , 2014 , 50, 14194-6	5.8	172
110	Re-appearance of cooperativity in ultra-small spin-crossover [Fe(pz) ₂ {Ni(CN) ₄ }] nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10894-8	16.4	69
109	AFM imaging of molecular spin-state changes through quantitative thermomechanical measurements. <i>Advanced Materials</i> , 2014 , 26, 2889-93	24	24

108	Click-Dendrimer-Stabilized Palladium Nanoparticles as a Green Catalyst Down to Parts per Million for Efficient C-C Cross-Coupling Reactions and Reduction of 4-Nitrophenol. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2525-2538	5.6	70
107	Palladium Nanoparticles Stabilized by Glycodendrimers and Their Application in Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4369-4375	2.3	9
106	Mixed-valent click intertwined polymer units containing biferrocenium chloride side chains form nanosnakes that encapsulate gold nanoparticles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13995-8	16.4	38
105	Gold nanoparticles as electron reservoir redox catalysts for 4-nitrophenol reduction: a strong stereoelectronic ligand influence. <i>Chemical Communications</i> , 2014 , 50, 10126-9	5.8	93
104	Gold Nanoparticles Stabilized by Glycodendrimers: Synthesis and Application to the Catalytic Reduction of 4-Nitrophenol. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2671-2677	2.3	20
103	Hybrid spin-crossover nanostructures. <i>Beilstein Journal of Nanotechnology</i> , 2014 , 5, 2230-9	3	45
102	Multifunctional Redox Polymers: Electrochrome, Polyelectrolyte, Sensor, Electrode Modifier, Nanoparticle Stabilizer, and Catalyst Template. <i>Angewandte Chemie</i> , 2014 , 126, 8585-8589	3.6	10
101	Re-Appearence of Cooperativity in Ultra-Small Spin-Crossover [Fe(pz){Ni(CN) ₄ }] Nanoparticles. <i>Angewandte Chemie</i> , 2014 , 126, 11074-11078	3.6	19
100	Cellulose fiber nanocomposites displaying spin-crossover properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 456, 35-40	5.1	17
99	Room temperature bistability with wide thermal hysteresis in a spin crossover silica nanocomposite. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1933	7.1	73
98	"Click" dendrimers as efficient nanoreactors in aqueous solvent: Pd nanoparticle stabilization for sub-ppm Pd catalysis of Suzuki-Miyaura reactions of aryl bromides. <i>Chemical Communications</i> , 2013 , 49, 8169-71	5.8	59
97	Spin crossover polysaccharide nanocomposites. <i>New Journal of Chemistry</i> , 2013 , 37, 3420	3.6	27
96	A recyclable ruthenium(II) complex supported on magnetic nanoparticles: a regioselective catalyst for alkyne-azide cycloaddition. <i>Chemical Communications</i> , 2013 , 49, 6956-8	5.8	54
95	Nanoparticles of molecule-based conductors. <i>New Journal of Chemistry</i> , 2013 , 37, 3331	3.6	18
94	Atomic force microscopy and near-field optical imaging of a spin transition. <i>Nanoscale</i> , 2013 , 5, 7762-7	7.7	12
93	Photonic gratings of the metal-organic framework {Fe(bpac)[Pt(CN) ₄]} with synergetic spin transition and host-guest properties. <i>Dalton Transactions</i> , 2013 , 42, 16021-8	4.3	18
92	Efficient Click-Polymer-Stabilized Palladium Nanoparticle Catalysts for Suzuki-Miyaura Reactions of Bromoarenes and Reduction of 4-Nitrophenol in Aqueous Solvents. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2992-3001	5.6	25
91	Molecular actuators driven by cooperative spin-state switching. <i>Nature Communications</i> , 2013 , 4, 2607	17.4	175

90	Poly(Biferrocenylethynyl)arene and Bis(biferrocenyl)diynyl Complexes and Their Redox Chemistry. <i>Organometallics</i> , 2013 , 32, 6136-6146	3.8	18
89	Enhanced cooperative interactions at the nanoscale in spin-crossover materials with a first-order phase transition. <i>Physical Review Letters</i> , 2013 , 110, 235701	7.4	97
88	"Click" star-shaped and dendritic PEGylated gold nanoparticle-carborane assemblies. <i>Inorganic Chemistry</i> , 2013 , 52, 11146-55	5.1	32
87	Nano-electromanipulation of spin crossover nanorods: towards switchable nanoelectronic devices. <i>Advanced Materials</i> , 2013 , 25, 1745-9	24	117
86	The effect of an active guest on the spin crossover phenomenon. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1198-202	16.4	101
85	Room Temperature Magnetic Detection of Spin Switching in Nanosized Spin-Crossover Materials. <i>Angewandte Chemie</i> , 2013 , 125, 1223-1226	3.6	0
84	The Effect of an Active Guest on the Spin Crossover Phenomenon. <i>Angewandte Chemie</i> , 2013 , 125, 1236-1240	3.4	29
83	Room temperature magnetic detection of spin switching in nanosized spin-crossover materials. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1185-8	16.4	30
82	SERS-active substrates for investigating ultrathin spin-crossover films. <i>Microelectronic Engineering</i> , 2013 , 111, 365-368	2.5	10
81	How a simple "clicked" PEGylated 1,2,3-triazole ligand stabilizes gold nanoparticles for multiple usage. <i>Chemical Communications</i> , 2013 , 49, 3218-20	5.8	32
80	Luminescent Spin-Crossover Materials 2013 , 347-373		23
79	Synergistic switching of plasmonic resonances and molecular spin states. <i>Nanoscale</i> , 2013 , 5, 5288-93	7.7	29
78	Spin Crossover at the Nanometre Scale. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 653-661	2.3	136
77	Tunable spin-crossover behavior of the Hofmann-like network {Fe(bpac)[Pt(CN) ₄]} through host-guest chemistry. <i>Chemistry - A European Journal</i> , 2013 , 19, 15036-43	4.8	30
76	Synergetic effect of host-guest chemistry and spin crossover in 3D Hofmann-like metal-organic frameworks [Fe(bpac)M(CN) ₄] (M=Pt, Pd, Ni). <i>Chemistry - A European Journal</i> , 2012 , 18, 507-16	4.8	96
75	Encapsulation of Water-soluble Vitamins by Gold Nanoparticles in Hydrophobic Media. <i>Chemistry Letters</i> , 2012 , 41, 1107-1109	1.7	2
74	Soft lithographic patterning of spin crossover complexes. Part 2: stimuli-responsive diffraction grating properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3752		30
73	Remarkably high-temperature spin transition exhibited by new 2D metal-organic frameworks. <i>Chemical Science</i> , 2012 , 3, 1629	9.4	65

72	Synthesis of [Fe(hptrz) ₃](OTs) ₂ spin crossover nanoparticles in microemulsion. <i>Polyhedron</i> , 2012 , 38, 245-250	2.7	17
71	Catalysis of C–C Cross-Coupling Reactions in Aqueous Solvent by Bis- and Tris(ferrocenyltriazolylmethyl)arene-β-Cyclodextrin-Stabilized Pd ⁰ Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2950-2958	2.3	27
70	Click Functionalization of Gold Nanoparticles Using the Very Efficient Catalyst Copper(I) (Hexabenzyl)tris(2-aminoethyl)-amine Bromide. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1001-1011	5.6	23
69	Synthesis of spin-crossover nano- and micro-objects in homogeneous media. <i>Chemistry - A European Journal</i> , 2012 , 18, 9946-54	4.8	57
68	Soft lithographic patterning of spin crossover complexes. Part 1: fluorescent detection of the spin transition in single nano-objects. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3745		62
67	Spin state dependence of electrical conductivity of spin crossover materials. <i>Chemical Communications</i> , 2012 , 48, 4163-5	5.8	126
66	Detection of molecular spin-state changes in ultrathin films by photonic methods. <i>Journal of Nanophotonics</i> , 2012 , 6, 063517	1.1	25
65	Bistable photonic nanostructures based on molecular spin crossover complexes 2012 ,		5
64	Enhanced porosity in a new 3D Hofmann-like network exhibiting humidity sensitive cooperative spin transitions at room temperature. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7217		79
63	Thermal and pressure-induced spin crossover in a novel three-dimensional Hoffman-like clathrate complex. <i>New Journal of Chemistry</i> , 2011 , 35, 1205	3.6	30
62	Synthesis of spin crossover nano-objects with different morphologies and properties. <i>New Journal of Chemistry</i> , 2011 , 35, 2081	3.6	43
61	Molecular spin crossover phenomenon: recent achievements and prospects. <i>Chemical Society Reviews</i> , 2011 , 40, 3313-35	58.5	1016
60	Surface plasmons reveal spin crossover in nanometric layers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15342-5	16.4	46
59	Guest effect on nanopatterned spin-crossover thin films. <i>Small</i> , 2011 , 7, 3385-91	11	42
58	Click Assembly of Carborane-Appended Polymers and Stabilization of Gold and Palladium Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3043-3049	2.3	17
57	Encapsulation of docetaxel into PEGylated gold nanoparticles for vectorization to cancer cells. <i>ChemMedChem</i> , 2011 , 6, 2003-8	3.7	30
56	High quality nano-patterned thin films of the coordination compound {Fe(pyrazine)[Pt(CN) ₄]} deposited layer-by-layer. <i>New Journal of Chemistry</i> , 2011 , 35, 2089	3.6	49
55	Water-soluble glycodendrimers: synthesis and stabilization of catalytically active Pd and Pt nanoparticles. <i>Tetrahedron Letters</i> , 2011 , 52, 1842-1846	2	33

54	Electrical properties and non-volatile memory effect of the [Fe(HB(pz) ₃) ₂] spin crossover complex integrated in a microelectrode device. <i>Applied Physics Letters</i> , 2011 , 99, 053307	3.4	91
53	Cooperative spin crossover phenomena in [Fe(NH ₂ trz) ₃](tosylate) ₂ nanoparticles. <i>Chemical Communications</i> , 2010 , 46, 8011-3	5.8	69
52	A novel approach for fluorescent thermometry and thermal imaging purposes using spin crossover nanoparticles. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5499		133
51	Soft lithographic patterning of spin crossover nanoparticles. <i>Langmuir</i> , 2010 , 26, 1557-60	4	62
50	Thin films of Prussian blue: sequential assembly, patterning and electron transport properties at the nanometric scale. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 5042-50	1.3	13
49	Encapsulation and stabilization of gold nanoparticles with "click" polyethyleneglycol dendrimers. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2729-42	16.4	148
48	Raman spectroscopic and optical imaging of high spin/low spin domains in a spin crossover complex. <i>Chemical Physics Letters</i> , 2010 , 499, 94-99	2.5	41
47	Valence-Tautomeric RbMnFe Prussian Blue Analogues: Composition and Time Stability Investigation. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 760-768	2.3	5
46	Electric-field-induced charge-transfer phase transition: a promising approach toward electrically switchable devices. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15049-54	16.4	115
45	Re-investigation of the spin crossover phenomenon in the ferrous complex [Fe(HB(pz) ₃) ₂]. <i>New Journal of Chemistry</i> , 2009 , 33, 1283	3.6	51
44	How to very efficiently functionalize gold nanoparticles by "click" chemistry. <i>Chemical Communications</i> , 2008 , 5788-90	5.8	87
43	Metal-to-ligand and ligand-to-metal charge transfer in thin films of Prussian blue analogues investigated by X-ray absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 5882-9	3.6	44
42	Single-laser-shot-induced complete bidirectional spin transition at room temperature in single crystals of (FeII(pyrazine)(Pt(CN) ₄)). <i>Journal of the American Chemical Society</i> , 2008 , 130, 9019-24	16.4	177
41	Gold nanoparticles synthesis and stabilization via new "clicked" polyethyleneglycol dendrimers. <i>Chemical Communications</i> , 2008 , 4819-21	5.8	48
40	"Click" dendrimers: synthesis, redox sensing of Pd(OAc) ₂ , and remarkable catalytic hydrogenation activity of precise Pd nanoparticles stabilized by 1,2,3-triazole-containing dendrimers. <i>Chemistry - A European Journal</i> , 2008 , 14, 50-64	4.8	181
39	Towards the ultimate size limit of the memory effect in spin-crossover solids. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8236-40	16.4	175
38	Sulphonated Click Dendrimer-Stabilized Palladium Nanoparticles as Highly Efficient Catalysts for Olefin Hydrogenation and Suzuki Coupling Reactions Under Ambient Conditions in Aqueous Media. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 837-845	5.6	124
37	Towards the Ultimate Size Limit of the Memory Effect in Spin-Crossover Solids. <i>Angewandte Chemie</i> , 2008 , 120, 8360-8364	3.6	43

36	Investigation of the two-step spin crossover complex Fe[5-NO ₂ -sal-(1,4,7,10)] using density functional theory. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8223-8	2.8	13
35	"Homeopathic" catalytic activity and atom-leaching mechanism in Miyaura-Suzuki reactions under ambient conditions with precise dendrimer-stabilized Pd nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8644-8	16.4	285
34	Homeopathic Catalytic Activity and Atom-Leaching Mechanism in Miyaura-Suzuki Reactions under Ambient Conditions with Precise Dendrimer-Stabilized Pd Nanoparticles. <i>Angewandte Chemie</i> , 2007 , 119, 8798-8802	3.6	60
33	Correlation between the Stoichiometry and the Bistability of Electronic States in Valence-Tautomeric R _x Mn[Fe(CN) ₆] _y ·zH ₂ O Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1549-1555	2.3	26
32	Trinuclear Schiff base complexes with uranium(V) and copper(II) or zinc(II) ions. <i>Polyhedron</i> , 2007 , 26, 631-636	2.7	24
31	Strictly heterodinuclear compounds containing U ⁴⁺ and Cu ²⁺ or Ni ²⁺ ions. <i>Polyhedron</i> , 2007 , 26, 645-652.	2.7	20
30	Catalytically efficient palladium nanoparticles stabilized by "click" ferrocenyl dendrimers. <i>Chemical Communications</i> , 2007 , 4946-8	5.8	92
29	Uranium(IV) Complexes of Calix[5]arene. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4289-4293.	3.3	8
28	Synthesis, structure and magnetic behaviour of dinuclear uranium(IV) complexes with a calixsalophen-type macrocycle. <i>New Journal of Chemistry</i> , 2006 , 30, 1220-1227	3.6	24
27	Synthesis, crystal structure and reactivity of uranium(IV) complexes with p-tert-butylcalix[4]arene ligands. <i>Dalton Transactions</i> , 2006 , 3006-14	4.3	20
26	Synthesis, structure, and magnetic behavior of a series of trinuclear Schiff base complexes of 5f (U ^{IV} , Th ^{IV}) and 3d (Cu ^{II} , Zn ^{II}) ions. <i>Inorganic Chemistry</i> , 2006 , 45, 83-93	5.1	112
25	Poly[β-acetylacetonato-di-β-acetylacetonato-pyridinetrisodium(I)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1250-m1251		4
24	Polynuclear uranium(IV) compounds with (β-oxo)U ₃ or (β-oxo)U ₄ cores and compartmental Schiff base ligands. <i>Polyhedron</i> , 2006 , 25, 1537-1542	2.7	29
23	Uranium(V) and uranium(IV/V) mixed valence complexes with p-tert-butylhomocalix[n]arenes (n=4, 6). <i>Polyhedron</i> , 2006 , 25, 2439-2446	2.7	10
22	Uranium(IV) complexes of calix[n]arenes (n = 4, 6 and 8). <i>Chemical Communications</i> , 2006 , 856-8	5.8	21
21	Synthesis and crystal structure of uranium(IV) complexes with calix[n]arenes (n = 4, 6 and 8): mononuclear, polynuclear and 1D polymeric species. <i>Dalton Transactions</i> , 2006 , 3629-37	4.3	11
20	High-spin to low-spin relaxation kinetics in the [Fe(TRIM) ₂]Cl ₂ complex. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 2909-14	3.6	29
19	Two novel iron(II) materials based on dianionic N ₄ O ₂ Schiff bases: structural properties and spin-crossover characteristics in the series [Fe(3-X,5-NO ₂ -sal-N(1,4,7,10))] (X = H, 3-MeO, 3-EtO). <i>Inorganic Chemistry</i> , 2005 , 44, 1763-73	5.1	50

18	Lanthanide(III)/actinide(III) differentiation in the cerium and uranium complexes $[M(C_5Me_5)_2(L)]_0^+$ (L=2,2'-bipyridine, 2,2':6',2''-terpyridine): structural, magnetic, and reactivity studies. <i>Chemistry - A European Journal</i> , 2005 , 11, 6994-7006	4.8	87
17	A heterobimetallic zinc(II)/uranium(IV) complex with the Schiff base 2-amino-N,N'-bis(3-hydroxysalicylidene)benzylamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m2607-m2609		4
16	Bis[bis[5-tert-butyl-2-oxido-3-(1-pyridiniomethyl)phenyl]methane]dioxouranium bis(trifluoromethanesulfonate) pyridine disolvate: a uranyl bis(diphenoxide) complex resulting from homooxalixarene cleavage. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, m27-9		3
15	Crystal structure of the first octanuclear uranium(IV) complex with compartmental Schiff base ligands. <i>Polyhedron</i> , 2004 , 23, 623-627	2.7	41
14	Synthesis and crystal structure of tetra- and hexanuclear uranium(IV) complexes with hexadentate compartmental Schiff-base ligands. <i>Dalton Transactions</i> , 2004 , 4139-45	4.3	28
13	Synthesis and crystal structure of uranium(IV) complexes with compartmental Schiff bases: from mononuclear species to tri- and tetranuclear clusters. <i>Dalton Transactions</i> , 2004 , 1635-43	4.3	28
12	Cooperative spin crossover and order-disorder phenomena in a mononuclear compound $[Fe(DAPP)(abpt)](ClO_4)_2$ [DAPP = [bis(3-aminopropyl)(2-pyridylmethyl)amine], abpt = 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole]. <i>Inorganic Chemistry</i> , 2004 , 43, 227-36	5.1	89
11	Crystal structure of hetero(bi- and tetra-)metallic complexes of compartmental Schiff bases uniting uranyl and transition metal (Ni ²⁺ , Cu ²⁺) ions. <i>Polyhedron</i> , 2003 , 22, 2683-2688	2.7	40
10	A bis(acetylacetonato)uranium(IV) complex of the Schiff base N,N'-bis(3-hydroxysalicylidene)-2-methyl-1,2-propanediamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m246-8		8
9	Complexes of uranium(IV) with acyclic polyphenoxides resulting from cleavage of homooxalixarenes. <i>Dalton Transactions</i> , 2003 , 2405-2410	4.3	8
8	Structure and magnetism of the first strictly dinuclear compound containing paramagnetic 3d and 5f metal ions. Major influence of the Cu(II) ion coordination on the exchange Cu(II)-U(IV) interaction. <i>Chemical Communications</i> , 2003 , 762-3	5.8	44
7	Versatility of the nature of the magnetic Cu(II)□(IV) interaction. Syntheses, crystal structures and magnetic properties of Cu ₂ U and CuU compounds. <i>Dalton Transactions</i> , 2003 , 2872-2880	4.3	45
6	Thermal and Optical Switching of Molecular Spin States in the $\{[FeL(H_2B(pz)_2)_2]\}$ Spin-Crossover System (L = bpy, phen)□ <i>Journal of Physical Chemistry B</i> , 2002 , 106, 4276-4283	3.4	97
5	Mass effect on the equienergetic high-spin/low-spin states of spin-crossover in 4,4'-bipyridine-bridged iron(II) polymeric compounds: synthesis, structure, and magnetic, Mössbauer, and theoretical studies. <i>Inorganic Chemistry</i> , 2002 , 41, 6997-7005	5.1	52
4	Two-Step Spin Crossover in a Mononuclear Compound $[Fe(DPEA)(bim)](ClO_4)_2 \cdot 5H_2O$ [DPEA = (2-Aminoethyl)bis(2-pyridylmethyl)amine, bim = 2,2-Bisimidazole] □ Crystal Structure, Magnetic Properties, Mössbauer Spectroscopy, and Photomagnetic Effects. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2935	2.3	53
3	From a spin-crossover molecule to the bulk electronic behaviour of a material: the paramount role of hydrogen bonds in molecular electronics. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 1999 , 2, 305-309		4
2	Two-Step Spin Conversion for the Three-Dimensional Compound Tris(4,4'-bis-1,2,4-triazole)iron(II) Diperchlorate. <i>Inorganic Chemistry</i> , 1999 , 38, 4663-4670	5.1	207
1	The second example of spin conversion governed by molecular vibrations: a novel ferrous complex resulting from hexacoordination of a Schiff base with an N ₄ O ₂ donor set. <i>Chemical Physics Letters</i> , 1998 , 282, 209-214	2.5	17

