

Sylvestre A Bonnet

List of Publications by Year in Descending Order

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

127
papers

3,646
citations

36
h-index

55
g-index

143
ext. papers

4,281
ext. citations

7.8
avg, IF

5.92
L-index

#	Paper	IF	Citations
127	Xanthoepocin, a photolabile antibiotic of <i>Penicillium ochrochloron</i> CBS 23823 with high activity against multiresistant gram-positive bacteria.. <i>Microbial Cell Factories</i> , 2022 , 21, 1	6.4	1
126	Cytotoxicity of Metal-Based Photoactivated Chemotherapy (PACT) Compounds.. <i>Methods in Molecular Biology</i> , 2022 , 2451, 245-258	1.4	0
125	Photomedicine with Inorganic Complexes: A Bright Future. <i>Springer Handbooks</i> , 2022 , 1015-1033	1.3	
124	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO ₂ -Reducing Photocatalytic Liposomes. <i>Chemistry - A European Journal</i> , 2021 , 27, 17203-17212	4.8	3
123	Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
122	Synthesis, characterization and cytotoxicity studies of Co(III)-flavonolato complexes. <i>Journal of Inorganic Biochemistry</i> , 2021 , 217, 111382	4.2	2
121	Ligand Controls the Activity of Light-Driven Water Oxidation Catalyzed by Nickel(II) Porphyrin Complexes in Neutral Homogeneous Aqueous Solutions. <i>Angewandte Chemie</i> , 2021 , 133, 13575-13581	3.6	0
120	Ligand Controls the Activity of Light-Driven Water Oxidation Catalyzed by Nickel(II) Porphyrin Complexes in Neutral Homogeneous Aqueous Solutions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13463-13469	16.4	10
119	Degradation of lipid based drug delivery formulations during nebulization. <i>Chemical Physics</i> , 2021 , 547, 111192	2.3	2
118	Photoinduced Ligand Exchange Dynamics of a Polypyridyl Ruthenium Complex in Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7278-7284	6.4	2
117	Highly Ordered, Self-Assembled Monolayers of a Spin-Crossover Complex with In-Plane Interactions. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2814-2821	2.3	
116	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2021 , 27, 3013-3018	4.8	8
115	Roadmap towards solar fuel synthesis at the water interface of liposome membranes. <i>Chemical Society Reviews</i> , 2021 , 50, 4833-4855	58.5	14
114	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2021 , 27, 2886	4.8	
113	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyridyl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. <i>Jacs Au</i> , 2021 , 1, 380-395		4
112	Ruthenium-based PACT agents based on bisquinoline chelates: synthesis, photochemistry, and cytotoxicity. <i>Journal of Biological Inorganic Chemistry</i> , 2021 , 26, 667-674	3.7	0
111	Intracellular Dynamic Assembly of Deep-Red Emitting Supramolecular Nanostructures Based on the PtPt Metallophilic Interaction. <i>Advanced Materials</i> , 2021 , 33, e2008613	24	2

110	Optimized isolation of 7,7-biphysson starting from Cortinarius rubrophyllus, a chemically unexplored fungal species rich in photosensitizers.. <i>Photochemical and Photobiological Sciences</i> , 2021 , 21, 221	4.2	1
109	MR imaging for the quantitative assessment of brain iron in aceruloplasminemia: A postmortem validation study. <i>NeuroImage</i> , 2021 , 245, 118752	7.9	1
108	The Self-Assembly of a Cyclometalated Palladium Photosensitizer into Protein-Stabilized Nanorods Triggers Drug Uptake In Vitro and In Vivo. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10383-10399	16.4	14
107	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. <i>Inorganic Chemistry</i> , 2020 , 59, 7710-7720	5.1	8
106	TLD1433 Photosensitizer Inhibits Conjunctival Melanoma Cells in Zebrafish Ectopic and Orthotopic Tumour Models. <i>Cancers</i> , 2020 , 12,	6.6	13
105	Fluorogenic Bifunctional trans-Cyclooctenes as Efficient Tools for Investigating Click-to-Release Kinetics. <i>Chemistry - A European Journal</i> , 2020 , 26, 9900-9904	4.8	4
104	796 nm Activation of a Photocleavable Ruthenium(II) Complex Conjugated to an Upconverting Nanoparticle through Two Phosphonate Groups. <i>Inorganic Chemistry</i> , 2020 , 59, 14807-14818	5.1	13
103	Contactless Spin Switch Sensing by Chemo-Electric Gating of Graphene. <i>Advanced Materials</i> , 2020 , 32, e1903575	24	18
102	Light-triggered switching of liposome surface charge directs delivery of membrane impermeable payloads in vivo. <i>Nature Communications</i> , 2020 , 11, 3638	17.4	28
101	Biological approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2019 , 215, 66-83	3.6	
100	Synthetic approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2019 , 215, 242-281	3.6	4
99	Induction of a Four-Way Junction Structure in the DNA Palindromic Hexanucleotide 5'-d(CGTACG)-3' by a Mononuclear Platinum Complex. <i>Angewandte Chemie</i> , 2019 , 131, 9478-9482	3.6	4
98	Induction of a Four-Way Junction Structure in the DNA Palindromic Hexanucleotide 5'-d(CGTACG)-3' by a Mononuclear Platinum Complex. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9378-9382	16.4	11
97	The two isomers of a cyclometalated palladium sensitizer show different photodynamic properties in cancer cells. <i>Chemical Communications</i> , 2019 , 55, 4695-4698	5.8	13
96	Two-Photon-Induced CO-Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. <i>Chemistry - A European Journal</i> , 2019 , 25, 8453-8458	4.8	13
95	NIR-Light-Driven Generation of Reactive Oxygen Species Using Ru(II)-Decorated Lipid-Encapsulated Upconverting Nanoparticles. <i>Langmuir</i> , 2019 , 35, 12079-12090	4	14
94	Diastereoselective Synthesis and Two-Step Photocleavage of Ruthenium Polypyridyl Complexes Bearing a Bis(thioether) Ligand. <i>Inorganic Chemistry</i> , 2019 , 58, 11689-11698	5.1	12
93	Photo-Uncaging of a Microtubule-Targeted Rigidin Analogue in Hypoxic Cancer Cells and in a Xenograft Mouse Model. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18444-18454	16.4	42

92	Selective Preparation of a Heteroleptic Cyclometallated Ruthenium Complex Capable of Undergoing Photosubstitution of a Bidentate Ligand. <i>Chemistry - A European Journal</i> , 2019 , 25, 1260-1268	4.8	10
91	Photochemical Resolution of a Thermally Inert Cyclometalated Ru(phbpy)(N-N)(Sulfoxide) Complex. <i>Journal of the American Chemical Society</i> , 2019 , 141, 352-362	16.4	17
90	Dynamics of dual-fluorescent polymersomes with durable integrity in living cancer cells and zebrafish embryos. <i>Biomaterials</i> , 2018 , 168, 54-63	15.6	9
89	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4117-4124	2.3	8
88	Absolute upconversion quantum yields of blue-emitting LiYF:Yb,Tm upconverting nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 22556-22562	3.6	43
87	Red-Light-Controlled Release of DrugRu Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. <i>Advanced Functional Materials</i> , 2018 , 28, 1804227	15.6	56
86	Controlling with light the interaction between trans-tetrapyridyl ruthenium complexes and an oligonucleotide. <i>Dalton Transactions</i> , 2018 , 47, 507-516	4.3	6
85	Effects of the Bidentate Ligand on the Photophysical Properties, Cellular Uptake, and (Photo)cytotoxicity of Glycoconjugates Based on the [Ru(tpy)(NN)(L)] Scaffold. <i>Chemistry - A European Journal</i> , 2018 , 24, 2709-2717	4.8	16
84	Solving the oxygen sensitivity of sensitized photon upconversion in life science applications. <i>Nature Reviews Chemistry</i> , 2018 , 2, 437-452	34.6	56
83	Synthesis of O-1- O-6 Substituted Positional Isomers of d-Glucose-Thioether Ligands and Their Ruthenium Polypyridyl Conjugates. <i>Journal of Organic Chemistry</i> , 2018 , 83, 12985-12997	4.2	4
82	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4107-4107	2.3	2
81	Why develop photoactivated chemotherapy?. <i>Dalton Transactions</i> , 2018 , 47, 10330-10343	4.3	132
80	Water-Dispersible Silica-Coated Upconverting Liposomes: Can a Thin Silica Layer Protect TTA-UC against Oxygen Quenching?. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 322-334	5.5	30
79	Temperature Dependence of Triplet-Triplet Annihilation Upconversion in Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 780-786	3.4	21
78	Influence of the Steric Bulk and Solvent on the Photoreactivity of Ruthenium Polypyridyl Complexes Coordinated to l-Proline. <i>Inorganic Chemistry</i> , 2017 , 56, 4818-4828	5.1	17
77	Co-Registered Molecular Logic Gate with a CO-Releasing Molecule Triggered by Light and Peroxide. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4991-4994	16.4	74
76	Preparation and Practical Applications of 2Q@Dichlorodihydrofluorescein in Redox Assays. <i>Analytical Chemistry</i> , 2017 , 89, 3853-3857	7.8	35
75	Red Light-Triggered CO Release from Mn(CO) Using Triplet Sensitization in Polymer Nonwoven Fabrics. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15292-15295	16.4	47

74	Frontier orbitals of photosubstitutionally active ruthenium complexes: an experimental study of the spectator ligands' electronic properties influence on photoreactivity. <i>Dalton Transactions</i> , 2017 , 46, 9969-9980	4.3	12
73	Evaluation of dextran(ethylene glycol) hydrogel films for giant unilamellar lipid vesicle production and their application for the encapsulation of polymersomes. <i>Soft Matter</i> , 2017 , 13, 5580-5588	3.6	12
72	Ligand Photosubstitution Reactions with Ruthenium Compounds 2017 , 89-116		
71	Turning on the red phosphorescence of a [Ru(tpy)(bpy)(Cl)]Cl complex by amide substitution: self-aggregation, toxicity, and cellular localization of an emissive ruthenium-based amphiphile. <i>Chemical Communications</i> , 2017 , 53, 11126-11129	5.8	13
70	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. <i>Angewandte Chemie</i> , 2017 , 129, 11707-11711	3.6	24
69	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11549-11553	16.4	114
68	To cage or to be caged? The cytotoxic species in ruthenium-based photoactivated chemotherapy is not always the metal. <i>Chemical Communications</i> , 2017 , 53, 6768-6771	5.8	67
67	Imaging Upconverting Polymersomes in Cancer Cells: Biocompatible Antioxidants Brighten Triplet-Triplet Annihilation Upconversion. <i>Small</i> , 2016 , 12, 5579-5590	11	57
66	Effect of Liposomes on the Kinetics and Mechanism of the Photocatalytic Reduction of Methyl Viologen. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 6969-75	3.4	10
65	d- Versus l-Glucose Conjugation: Mitochondrial Targeting of a Light-Activated Dual-Mode-of-Action Ruthenium-Based Anticancer Prodrug. <i>Chemistry - A European Journal</i> , 2016 , 22, 18484-18491	4.8	40
64	Kinetics of Photocatalytic Water Oxidation at Liposomes: Membrane Anchoring Stabilizes the Photosensitizer. <i>ACS Catalysis</i> , 2016 , 6, 5968-5977	13.1	17
63	Rate and Stability of Photocatalytic Water Oxidation using [Ru(bpy) ₃] ²⁺ as Photosensitizer. <i>ACS Catalysis</i> , 2016 , 6, 5273-5284	13.1	59
62	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1396-400	16.4	47
61	Red Light Activation of Ru(II) Polypyridyl Prodrugs via Triplet-Triplet Annihilation Upconversion: Feasibility in Air and through Meat. <i>Molecules</i> , 2016 , 21,	4.8	20
60	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie</i> , 2016 , 128, 1418-1422	3.6	6
59	Spatially Resolved Investigation and Control of the Bistability in Single Crystals of the [Fe(bbpya)(NCS) ₂] Spin Crossover Complex. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 27608-27617	3.8	8
58	The Effect of Liposomes on the Kinetics and Mechanism of the Photocatalytic Reduction of 5,5'-Dithiobis(2-Nitrobenzoic Acid) by Triethanolamine. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 12850-12862	3.4	12
57	Stabilization of the Low-Spin State in a Mononuclear Iron(II) Complex and High-Temperature Cooperative Spin Crossover Mediated by Hydrogen Bonding. <i>Chemistry - A European Journal</i> , 2016 , 22, 331-9	4.8	22

56	Pivotal Role of a Pentacoordinate (3)MC State on the Photocleavage Efficiency of a Thioether Ligand in Ruthenium(II) Complexes: A Theoretical Mechanistic Study. <i>Inorganic Chemistry</i> , 2016 , 55, 4448-51	5.1	27
55	An in vitro cell irradiation protocol for testing photopharmaceuticals and the effect of blue, green, and red light on human cancer cell lines. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 644-53	4.2	67
54	Green light-induced apoptosis in cancer cells by a tetrapyrridyl ruthenium prodrug offering two coordination sites. <i>Chemical Science</i> , 2016 , 7, 4922-4929	9.4	50
53	Chemical Swarming: Depending on Concentration, an Amphiphilic Ruthenium Polypyridyl Complex Induces Cell Death via Two Different Mechanisms. <i>Chemistry - A European Journal</i> , 2016 , 22, 10960-8	4.8	27
52	Imaging the lipid bilayer of giant unilamellar vesicles using red-to-blue light upconversion. <i>Chemical Communications</i> , 2015 , 51, 9137-40	5.8	39
51	Triplet-triplet annihilation upconversion followed by FRET for the red light activation of a photodissociative ruthenium complex in liposomes. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 27380-90	3.6	30
50	Catalytic photoinduced electron transport across a lipid bilayer mediated by a membrane-soluble electron relay. <i>Chemical Communications</i> , 2015 , 51, 17128-31	5.8	5
49	Preparation, stability, and photoreactivity of thiolato ruthenium polypyridyl complexes: Can cysteine derivatives protect ruthenium-based anticancer complexes?. <i>Journal of Inorganic Biochemistry</i> , 2015 , 150, 174-81	4.2	8
48	Shifting the Light Activation of Metallodrugs to the Red and Near-Infrared Region in Anticancer Phototherapy. <i>Comments on Inorganic Chemistry</i> , 2015 , 35, 179-213	3.9	45
47	Impact of single crystal properties on nucleation and growth mechanisms of a spin transition. <i>Polyhedron</i> , 2015 , 87, 411-416	2.7	6
46	Binding of a ruthenium complex to a thioether ligand embedded in a negatively charged lipid bilayer: a two-step mechanism. <i>Chemistry - A European Journal</i> , 2014 , 20, 7429-38	4.8	7
45	Influence of selenocyanate ligands on the transition temperature and cooperativity of bapbpy-based Fe(II) spin-crossover compounds. <i>Inorganic Chemistry</i> , 2014 , 53, 13162-73	5.1	14
44	Metal complexes and metalloproteases: targeting conformational diseases. <i>Metallomics</i> , 2014 , 6, 1346-57	5.5	24
43	Activation of a photodissociative ruthenium complex by triplet-triplet annihilation upconversion in liposomes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1029-33	16.4	140
42	Enhanced photoinduced electron transfer at the surface of charged lipid bilayers. <i>Chemistry - A European Journal</i> , 2014 , 20, 8965-72	4.8	11
41	Yellow-light sensitization of a ligand photosubstitution reaction in a ruthenium polypyridyl complex covalently bound to a rhodamine dye. <i>Dalton Transactions</i> , 2014 , 43, 4494-505	4.3	32
40	Thermodynamics of the Cu(II) [thiolate and Cu(I) disulfide equilibrium: a combined experimental and theoretical study. <i>Inorganic Chemistry</i> , 2014 , 53, 8494-504	5.1	26
39	Activation of a Photodissociative Ruthenium Complex by Triplet-Triplet Annihilation Upconversion in Liposomes. <i>Angewandte Chemie</i> , 2014 , 126, 1047-1051	3.6	33

38	Spontaneous formation in the dark, and visible light-induced cleavage, of a Ru-S bond in water: a thermodynamic and kinetic study. <i>Inorganic Chemistry</i> , 2013 , 52, 9456-69	5.1	53
37	Zinc coordination to the bapbpy ligand in homogeneous solutions and at liposomes: zinc detection via fluorescence enhancement. <i>Dalton Transactions</i> , 2013 , 42, 2973-84	4.3	11
36	Synthesis and Characterization of Copper Complexes of a Tetrapyridyl Ligand, and Their Use in the Catalytic Aerobic Oxidation of Benzyl Alcohol. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 115-123	1.23	34
35	Iron(II) Complexes Supported by a Tetradentate Ligand Providing a Strained Equatorial Coordination Environment: Geometric and Electronic-Structural Implications. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 2774-2778	1.3	3
34	Effect of Metal Dilution on the Thermal Spin Transition of [FeZn10(bapbpy)(NCS)2]. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1033-1042	2.3	14
33	Multimetastability, phototrapping, and thermal trapping of a metastable commensurate superstructure in a FeII spin-crossover compound. <i>Physical Review B</i> , 2012 , 86,	3.3	38
32	Molecular water oxidation catalysts based on transition metals and their decomposition pathways. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1451-1467	23.2	152
31	Variation of the Viologen Electron Relay in Cyclodextrin-Based Self-Assembled Systems for Photoinduced Hydrogen Evolution from Water. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6729-6736	3.2	17
30	Synthesis and Characterization of Iron(II) Thiocyanate Complexes with Derivatives of the Tris(pyridine-2-ylmethyl)amine (tmpa) Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 2069-2077	1.3	9
29	Triggering a phase transition by a spatially localized laser pulse: role of strain. <i>Physical Review Letters</i> , 2012 , 109, 135702	7.4	36
28	Laser-induced artificial defects (LIADs): towards the control of the spatiotemporal dynamics in spin transition materials. <i>Advanced Materials</i> , 2012 , 24, 2475-8	24	21
27	Laser-Induced Artificial Defects (LIADs): Towards the Control of the Spatiotemporal Dynamics in Spin Transition Materials (Adv. Mater. 18/2012). <i>Advanced Materials</i> , 2012 , 24, 2474-2474	24	
26	Ruthenium polypyridyl complexes hopping at anionic lipid bilayers through a supramolecular bond sensitive to visible light. <i>Chemistry - A European Journal</i> , 2012 , 18, 10271-80	4.8	32
25	Pressure-induced two-step spin transition with structural symmetry breaking: X-ray diffraction, magnetic, and Raman studies. <i>Physical Review B</i> , 2011 , 84,	3.3	46
24	Tuning the transition temperature and cooperativity of bapbpy-based mononuclear spin-crossover compounds: interplay between molecular and crystal engineering. <i>Chemistry - A European Journal</i> , 2011 , 17, 14826-36	4.8	45
23	N-acetylmethionine and biotin as photocleavable protective groups for ruthenium polypyridyl complexes. <i>Chemistry - A European Journal</i> , 2011 , 17, 9924-9	4.8	69
22	SO2-binding properties of cationic β , β -NCN-pincer arene ruthenium platinum complexes: spectroscopic and theoretical studies. <i>Dalton Transactions</i> , 2011 , 40, 2542-8	4.3	10
21	Ruthenium-decorated lipid vesicles: light-induced release of [Ru(terpy)(bpy)(OH2)]2+ and thermal back coordination. <i>Journal of the American Chemical Society</i> , 2011 , 133, 252-61	16.4	64

20	Reliability and storage capacity: a compromise illustrated in the two-step spin-crossover system [Fe(bapbpy)(NCS)(2)]. <i>Inorganic Chemistry</i> , 2010 , 49, 11057-61	5.1	26
19	Bimetallic η^5, η^1 SCS- and PCP-Pincer Ruthenium Palladium Complexes: Synthesis, Structure, and Catalytic Activity. <i>Organometallics</i> , 2010 , 29, 1157-1167	3.8	43
18	On the Two Closely Related Phases of [Ru(C5Me5)(η^1 -1,3-(Me2NCH2)2C6H4)](BF4) and the Reversible Solid-Solid Order-Disorder Phase Transition. <i>Journal of Chemical Crystallography</i> , 2010 , 40, 753-760	0.5	2
17	Ruthenium-to-Platinum Interactions in η^5, η^1 NCN-Pincer Arene Heterobimetallic Complexes: An Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4667-4677	2.3	11
16	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
15	Synthesis and resolution of planar-chiral ruthenium-palladium complexes with ECEQ-pincer ligands. <i>Chemistry - A European Journal</i> , 2009 , 15, 3340-3	4.8	44
14	Influence of Sample Preparation, Temperature, Light, and Pressure on the Two-Step Spin Crossover Mononuclear Compound [Fe(bapbpy)(NCS)2]. <i>Chemistry of Materials</i> , 2009 , 21, 1123-1136	9.6	93
13	Bimetallic η^5, η^1 NCN-Pincer Ruthenium Palladium Complexes with η^5 -RuCp Coordination: Synthesis, X-ray Structures, and Catalytic Properties?. <i>Organometallics</i> , 2009 , 28, 2325-2333	3.8	35
12	Ruthenium-based light-driven molecular machine prototypes: synthesis and properties. <i>Chemical Society Reviews</i> , 2008 , 37, 1207-17	58.5	104
11	A two-step spin crossover mononuclear iron(II) complex with a [HS-LS-LS] intermediate phase. <i>Chemical Communications</i> , 2008 , 5619-21	5.8	147
10	η^5 -Coordination of a Ruthenium(II) Organometallic Fragment to the Arene Ring of N,C,N-Pincer Metal Complexes. <i>Organometallics</i> , 2008 , 27, 159-162	3.8	25
9	Light-induced geometrical changes in acyclic ruthenium(II) complexes and their ruthena-macrocyclic analogues. <i>Inorganic Chemistry</i> , 2007 , 46, 10520-33	5.1	26
8	Transition-Metal-Complexed Molecular Machine Prototypes. <i>Advanced Materials</i> , 2006 , 18, 1239-1250	24	181
7	Synthesis and photochemistry of a two-position Ru(terpy)(phen)(L)2+ scorpionate complex. <i>Inorganic Chemistry</i> , 2006 , 45, 4024-34	5.1	38
6	From Photoinduced Charge Separation to Light-driven Molecular Machines. <i>Structure and Bonding</i> , 2006 , 41-78	0.9	26
5	A Ru(terpy)(phen)-incorporating ring and its light-induced geometrical changes. <i>Chemical Communications</i> , 2005 , 3195-7	5.8	15
4	Transition metal-complexed catenanes and rotaxanes in motion: Towards molecular machines. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 1063-1074	3.1	51
3	Photochemical expulsion of the neutral monodentate ligand L in Ru(terpy*)(diimine)(L)2+: a dramatic effect of the steric properties of the spectator diimine ligand. <i>Inorganic Chemistry</i> , 2004 , 43, 8346-54	5.1	48

2	Photochemical and thermal synthesis and characterization of polypyridine ruthenium(II) complexes containing different monodentate ligands. <i>Dalton Transactions</i> , 2003 , 4654	4-3	54
1	Ruthenium-based PACT compounds based on an N,S non-toxic ligand: a delicate balance between photoactivation and thermal stability ^{1, 2}		13