

# Sylvestre A Bonnet

## List of Publications by Citations

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127  
papers

3,646  
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143  
ext. papers

4,281  
ext. citations

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avg, IF

5.92  
L-index

#	Paper	IF	Citations
127	Transition-Metal-Complexed Molecular Machine Prototypes. <i>Advanced Materials</i> , <b>2006</b> , 18, 1239-1250	24	181
126	Molecular water oxidation catalysts based on transition metals and their decomposition pathways. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1451-1467	23.2	152
125	A two-step spin crossover mononuclear iron(II) complex with a [HS-LS-LS] intermediate phase. <i>Chemical Communications</i> , <b>2008</b> , 5619-21	5.8	147
124	Activation of a photodissociative ruthenium complex by triplet-triplet annihilation upconversion in liposomes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1029-33	16.4	140
123	Why develop photoactivated chemotherapy?. <i>Dalton Transactions</i> , <b>2018</b> , 47, 10330-10343	4.3	132
122	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11549-11553	16.4	114
121	Ruthenium-based light-driven molecular machine prototypes: synthesis and properties. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 1207-17	58.5	104
120	Influence of Sample Preparation, Temperature, Light, and Pressure on the Two-Step Spin Crossover Mononuclear Compound [Fe(bapbpy)(NCS) <sub>2</sub> ]. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 1123-1136	9.6	93
119	Co-Registered Molecular Logic Gate with a CO-Releasing Molecule Triggered by Light and Peroxide. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4991-4994	16.4	74
118	N-acetylmethionine and biotin as photocleavable protective groups for ruthenium polypyridyl complexes. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 9924-9	4.8	69
117	To cage or to be caged? The cytotoxic species in ruthenium-based photoactivated chemotherapy is not always the metal. <i>Chemical Communications</i> , <b>2017</b> , 53, 6768-6771	5.8	67
116	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> , <b>2016</b> , 15, 644-53	4.2	67
115	Ruthenium-decorated lipid vesicles: light-induced release of [Ru(terpy)(bpy)(OH <sub>2</sub> ) <sub>2</sub> ] <sup>2+</sup> and thermal back coordination. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 252-61	16.4	64
114	Rate and Stability of Photocatalytic Water Oxidation using [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> as Photosensitizer. <i>ACS Catalysis</i> , <b>2016</b> , 6, 5273-5284	13.1	59
113	Imaging Upconverting Polymersomes in Cancer Cells: Biocompatible Antioxidants Brighten Triplet-Triplet Annihilation Upconversion. <i>Small</i> , <b>2016</b> , 12, 5579-5590	11	57
112	Red-Light-Controlled Release of Drug/Ru Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804227	15.6	56
111	Solving the oxygen sensitivity of sensitized photon upconversion in life science applications. <i>Nature Reviews Chemistry</i> , <b>2018</b> , 2, 437-452	34.6	56

110	Photochemical and thermal synthesis and characterization of polypyridine ruthenium(II) complexes containing different monodentate ligands. <i>Dalton Transactions</i> , <b>2003</b> , 4654	4.3	54
109	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> , <b>2013</b> , 52, 9456-69	5.1	53
108	Transition metal-complexed catenanes and rotaxanes in motion: Towards molecular machines. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 1063-1074	3.1	51
107	Green light-induced apoptosis in cancer cells by a tetrapyrridyl ruthenium prodrug offering two coordination sites. <i>Chemical Science</i> , <b>2016</b> , 7, 4922-4929	9.4	50
106	Photochemical expulsion of the neutral monodentate ligand L in Ru(terpy*)(diimine)(L) <sub>2</sub> <sup>+</sup> : a dramatic effect of the steric properties of the spectator diimine ligand. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8346-54	5.1	48
105	Red Light-Triggered CO Release from Mn(CO) Using Triplet Sensitization in Polymer Nonwoven Fabrics. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15292-15295	16.4	47
104	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1396-400	16.4	47
103	Pressure-induced two-step spin transition with structural symmetry breaking: X-ray diffraction, magnetic, and Raman studies. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	46
102	Shifting the Light Activation of Metallodrugs to the Red and Near-Infrared Region in Anticancer Phototherapy. <i>Comments on Inorganic Chemistry</i> , <b>2015</b> , 35, 179-213	3.9	45
101	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> , <b>2011</b> , 17, 14826-36	4.8	45
100	Synthesis and resolution of planar-chiral ruthenium-palladium complexes with ECEQpincer ligands. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3340-3	4.8	44
99	Absolute upconversion quantum yields of blue-emitting LiYF:Yb,Tm upconverting nanoparticles. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 22556-22562	3.6	43
98	Bimetallic $\beta$ , $\eta$ SCS- and PCP-Pincer Ruthenium Palladium Complexes: Synthesis, Structure, and Catalytic Activity. <i>Organometallics</i> , <b>2010</b> , 29, 1157-1167	3.8	43
97	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> , <b>2019</b> , 141, 18444-18454	16.4	42
96	Raman spectroscopic and optical imaging of high spin/low spin domains in a spin crossover complex. <i>Chemical Physics Letters</i> , <b>2010</b> , 499, 94-99	2.5	41
95	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> , <b>2016</b> , 22, 18484-18491	4.8	40
94	Imaging the lipid bilayer of giant unilamellar vesicles using red-to-blue light upconversion. <i>Chemical Communications</i> , <b>2015</b> , 51, 9137-40	5.8	39
93	Multimetastability, phototrapping, and thermal trapping of a metastable commensurate superstructure in a FeII spin-crossover compound. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	38

92	Synthesis and photochemistry of a two-position Ru(terpy)(phen)(L) <sub>2</sub> + scorpionate complex. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 4024-34	5.1	38
91	Triggering a phase transition by a spatially localized laser pulse: role of strain. <i>Physical Review Letters</i> , <b>2012</b> , 109, 135702	7.4	36
90	Preparation and Practical Applications of 2',7'-Dichlorodihydrofluorescein in Redox Assays. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3853-3857	7.8	35
89	Bimetallic $\eta^5$ - $\eta^1$ NCN-Pincer Ruthenium Palladium Complexes with $\eta^5$ -RuCp Coordination: Synthesis, X-ray Structures, and Catalytic Properties?. <i>Organometallics</i> , <b>2009</b> , 28, 2325-2333	3.8	35
88	Synthesis and Characterization of Copper Complexes of a Tetrapyrrolyl Ligand, and Their Use in the Catalytic Aerobic Oxidation of Benzyl Alcohol. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 115-123	7.3	34
87	Activation of a Photodissociative Ruthenium Complex by Triplet-Triplet Annihilation Upconversion in Liposomes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1047-1051	3.6	33
86	Yellow-light sensitization of a ligand photosubstitution reaction in a ruthenium polypyridyl complex covalently bound to a rhodamine dye. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4494-505	4.3	32
85	Ruthenium polypyridyl complexes hopping at anionic lipid bilayers through a supramolecular bond sensitive to visible light. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 10271-80	4.8	32
84	Water-Dispersible Silica-Coated Upconverting Liposomes: Can a Thin Silica Layer Protect TTA-UC against Oxygen Quenching?. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 322-334	5.5	30
83	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> , <b>2015</b> , 17, 27380-90	3.6	30
82	Light-triggered switching of liposome surface charge directs delivery of membrane impermeable payloads in vivo. <i>Nature Communications</i> , <b>2020</b> , 11, 3638	17.4	28
81	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> , <b>2016</b> , 55, 4448-56	5.1	27
80	Chemical Swarming: Depending on Concentration, an Amphiphilic Ruthenium Polypyridyl Complex Induces Cell Death via Two Different Mechanisms. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 10960-8	4.8	27
79	Thermodynamics of the Cu(II) $\eta^2$ -thiolate and Cu(I) disulfide equilibrium: a combined experimental and theoretical study. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 8494-504	5.1	26
78	Reliability and storage capacity: a compromise illustrated in the two-step spin-crossover system [Fe(bapbpy)(NCS) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11057-61	5.1	26
77	Light-induced geometrical changes in acyclic ruthenium(II) complexes and their ruthena-macrocyclic analogues. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 10520-33	5.1	26
76	From Photoinduced Charge Separation to Light-driven Molecular Machines. <i>Structure and Bonding</i> , <b>2006</b> , 41-78	0.9	26
75	$\eta^6$ -Coordination of a Ruthenium(II) Organometallic Fragment to the Arene Ring of N,C,N-Pincer Metal Complexes. <i>Organometallics</i> , <b>2008</b> , 27, 159-162	3.8	25

74	Metal complexes and metalloproteases: targeting conformational diseases. <i>Metallomics</i> , <b>2014</b> , 6, 1346-57.5	24	24
73	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11707-11711	3.6	24
72	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> , <b>2016</b> , 22, 331-9	4.8	22
71	Temperature Dependence of Triplet-Triplet Annihilation Upconversion in Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 780-786	3.4	21
70	Laser-induced artificial defects (LIADs): towards the control of the spatiotemporal dynamics in spin transition materials. <i>Advanced Materials</i> , <b>2012</b> , 24, 2475-8	24	21
69	Red Light Activation of Ru(II) Polypyridyl Prodrugs via Triplet-Triplet Annihilation Upconversion: Feasibility in Air and through Meat. <i>Molecules</i> , <b>2016</b> , 21,	4.8	20
68	Contactless Spin Switch Sensing by Chemo-Electric Gating of Graphene. <i>Advanced Materials</i> , <b>2020</b> , 32, e1903575	24	18
67	Influence of the Steric Bulk and Solvent on the Photoreactivity of Ruthenium Polypyridyl Complexes Coordinated to L-Proline. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4818-4828	5.1	17
66	Kinetics of Photocatalytic Water Oxidation at Liposomes: Membrane Anchoring Stabilizes the Photosensitizer. <i>ACS Catalysis</i> , <b>2016</b> , 6, 5968-5977	13.1	17
65	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> , <b>2012</b> , 2012, 6729-6736	3.2	17
64	Photochemical Resolution of a Thermally Inert Cyclometalated Ru(phbpy)(N-N)(Sulfoxide) Complex. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 352-362	16.4	17
63	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> , <b>2018</b> , 24, 2709-2717	4.8	16
62	A Ru(terpy)(phen)-incorporating ring and its light-induced geometrical changes. <i>Chemical Communications</i> , <b>2005</b> , 3195-7	5.8	15
61	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> , <b>2020</b> , 142, 10383-10399	16.4	14
60	NIR-Light-Driven Generation of Reactive Oxygen Species Using Ru(II)-Decorated Lipid-Encapsulated Upconverting Nanoparticles. <i>Langmuir</i> , <b>2019</b> , 35, 12079-12090	4	14
59	Influence of selenocyanate ligands on the transition temperature and cooperativity of bapbpy-based Fe(II) spin-crossover compounds. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 13162-73	5.1	14
58	Effect of Metal Dilution on the Thermal Spin Transition of [FexZn1-x(bapbpy)(NCS)2]. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1033-1042	2.3	14
57	Roadmap towards solar fuel synthesis at the water interface of liposome membranes. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 4833-4855	58.5	14

56	The two isomers of a cyclometallated palladium sensitizer show different photodynamic properties in cancer cells. <i>Chemical Communications</i> , <b>2019</b> , 55, 4695-4698	5.8	13
55	Two-Photon-Induced CO-Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8453-8458	4.8	13
54	TLD1433 Photosensitizer Inhibits Conjunctival Melanoma Cells in Zebrafish Ectopic and Orthotopic Tumour Models. <i>Cancers</i> , <b>2020</b> , 12,	6.6	13
53	796 nm Activation of a Photocleavable Ruthenium(II) Complex Conjugated to an Upconverting Nanoparticle through Two Phosphonate Groups. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 14807-14818	5.1	13
52	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> , <b>2017</b> , 53, 11126-11129	5.8	13
51	Ruthenium-based PACT compounds based on an N,S non-toxic ligand: a delicate balance between photoactivation and thermal stability <sup>1, 2</sup>		13
50	Diastereoselective Synthesis and Two-Step Photocleavage of Ruthenium Polypyridyl Complexes Bearing a Bis(thioether) Ligand. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11689-11698	5.1	12
49	Frontier orbitals of photosubstitutionally active ruthenium complexes: an experimental study of the spectator ligands' electronic properties influence on photoreactivity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 9969-9980	4.3	12
48	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> , <b>2017</b> , 13, 5580-5588	3.6	12
47	Induction of a Four-Way Junction Structure in the DNA Palindromic Hexanucleotide 5'Gd(CGTACG)-3' by a Mononuclear Platinum Complex. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9378-9382	16.4	11
46	Enhanced photoinduced electron transfer at the surface of charged lipid bilayers. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 8965-72	4.8	11
45	Zinc coordination to the bapbpy ligand in homogeneous solutions and at liposomes: zinc detection via fluorescence enhancement. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2973-84	4.3	11
44	Ruthenium-to-Platinum Interactions in $\beta,\eta$ -NCN-Pincer Arene Heterobimetallic Complexes: An Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 4667-4677	2.3	11
43	Effect of Liposomes on the Kinetics and Mechanism of the Photocatalytic Reduction of Methyl Viologen. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 6969-75	3.4	10
42	SO <sub>2</sub> -binding properties of cationic $\beta,\eta$ -NCN-pincer arene ruthenium platinum complexes: spectroscopic and theoretical studies. <i>Dalton Transactions</i> , <b>2011</b> , 40, 2542-8	4.3	10
41	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> , <b>2021</b> , 60, 13463-13469	16.4	10
40	Selective Preparation of a Heteroleptic Cyclometallated Ruthenium Complex Capable of Undergoing Photosubstitution of a Bidentate Ligand. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1260-1268	4.8	10
39	Dynamics of dual-fluorescent polymersomes with durable integrity in living cancer cells and zebrafish embryos. <i>Biomaterials</i> , <b>2018</b> , 168, 54-63	15.6	9

38	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> , <b>2012</b> , 638, 2069-2077	1.3	9
37	Preparation, stability, and photoreactivity of thiolato ruthenium polypyridyl complexes: Can cysteine derivatives protect ruthenium-based anticancer complexes?. <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 150, 174-81	4.2	8
36	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7710-7720	5.1	8
35	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4117-4124	2.3	8
34	Spatially Resolved Investigation and Control of the Bistability in Single Crystals of the [Fe(bbpya)(NCS) <sub>2</sub> ] Spin Crossover Complex. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27608-27617	3.8	8
33	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3013-3018	4.8	8
32	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> , <b>2014</b> , 20, 7429-38	4.8	7
31	Impact of single crystal properties on nucleation and growth mechanisms of a spin transition. <i>Polyhedron</i> , <b>2015</b> , 87, 411-416	2.7	6
30	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 1418-1422	3.6	6
29	Controlling with light the interaction between trans-tetrapyridyl ruthenium complexes and an oligonucleotide. <i>Dalton Transactions</i> , <b>2018</b> , 47, 507-516	4.3	6
28	Catalytic photoinduced electron transport across a lipid bilayer mediated by a membrane-soluble electron relay. <i>Chemical Communications</i> , <b>2015</b> , 51, 17128-31	5.8	5
27	Synthetic approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2019</b> , 215, 242-281	3.6	4
26	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> , <b>2019</b> , 131, 9478-9482	3.6	4
25	Fluorogenic Bifunctional trans-Cyclooctenes as Efficient Tools for Investigating Click-to-Release Kinetics. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 9900-9904	4.8	4
24	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyridyl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. <i>Jacs Au</i> , <b>2021</b> , 1, 380-395		4
23	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> , <b>2018</b> , 83, 12985-12997	4.2	4
22	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> , <b>2013</b> , 639, 2774-2778	1.3	3
21	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO -Reducing Photocatalytic Liposomes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 17203-17212	4.8	3

20	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> , <b>2016</b> , 120, 12850-12862	3.4	2
19	On the Two Closely Related Phases of [Ru(C5Me5)(β-1,3-(Me2NCH2)2C6H4)](BF4) and the Reversible Solid-Solid Order-Disorder Phase Transition. <i>Journal of Chemical Crystallography</i> , <b>2010</b> , 40, 753-760	0.5	2
18	Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
17	Synthesis, characterization and cytotoxicity studies of Co(III)-flavonolato complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 217, 111382	4.2	2
16	Degradation of lipid based drug delivery formulations during nebulization. <i>Chemical Physics</i> , <b>2021</b> , 547, 111192	2.3	2
15	Photoinduced Ligand Exchange Dynamics of a Polypyridyl Ruthenium Complex in Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 7278-7284	6.4	2
14	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4107-4107	2.3	2
13	Intracellular Dynamic Assembly of Deep-Red Emitting Supramolecular Nanostructures Based on the PtPt Metallophilic Interaction. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008613	24	2
12	Xanthoepocin, a photolabile antibiotic of <i>Penicillium ochrochloron</i> CBS 123823 with high activity against multiresistant gram-positive bacteria.. <i>Microbial Cell Factories</i> , <b>2022</b> , 21, 1	6.4	1
11	Optimized isolation of 7,7-biphyscion starting from <i>Cortinarius tubrophyllus</i> , a chemically unexplored fungal species rich in photosensitizers.. <i>Photochemical and Photobiological Sciences</i> , <b>2021</b> , 21, 221	4.2	1
10	MR imaging for the quantitative assessment of brain iron in aceruloplasminemia: A postmortem validation study. <i>NeuroImage</i> , <b>2021</b> , 245, 118752	7.9	1
9	Ligand Controls the Activity of Light-Driven Water Oxidation Catalyzed by Nickel(II) Porphyrin Complexes in Neutral Homogeneous Aqueous Solutions. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13575-13581	3.6	0
8	Ruthenium-based PACT agents based on bisquinoline chelates: synthesis, photochemistry, and cytotoxicity. <i>Journal of Biological Inorganic Chemistry</i> , <b>2021</b> , 26, 667-674	3.7	0
7	Cytotoxicity of Metal-Based Photoactivated Chemotherapy (PACT) Compounds.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2451, 245-258	1.4	0
6	Biological approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2019</b> , 215, 66-83	3.6	
5	Ligand Photosubstitution Reactions with Ruthenium Compounds <b>2017</b> , 89-116		
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