

Sylvestre A Bonnet

List of Publications by Year in descending order

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129
papers

4,845
citations

76196

40
h-index

114278

63
g-index

143
all docs

143
docs citations

143
times ranked

5256
citing authors

#	ARTICLE	IF	CITATIONS
1	Why develop photoactivated chemotherapy?. Dalton Transactions, 2018, 47, 10330-10343.	1.6	203
2	Transition-Metal-Complexed Molecular Machine Prototypes. Advanced Materials, 2006, 18, 1239-1250.	11.1	189
3	Molecular water oxidation catalysts based on transition metals and their decomposition pathways. Coordination Chemistry Reviews, 2012, 256, 1451-1467.	9.5	176
4	Activation of a Photodissociative Ruthenium Complex by Triplet-Triplet Annihilation Upconversion in Liposomes. Angewandte Chemie - International Edition, 2014, 53, 1029-1033.	7.2	168
5	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 11549-11553.	7.2	159
6	A two-step spin crossover mononuclear iron(ii) complex with a [HS-LS-LS] intermediate phase. Chemical Communications, 2008, , 5619.	2.2	156
7	Ruthenium-based light-driven molecular machine prototypes: synthesis and properties. Chemical Society Reviews, 2008, 37, 1207.	18.7	110
8	Influence of Sample Preparation, Temperature, Light, and Pressure on the Two-Step Spin Crossover Mononuclear Compound [Fe(bapbpy)(NCS) ₂]. Chemistry of Materials, 2009, 21, 1123-1136.	3.2	101
9	To cage or to be caged? The cytotoxic species in ruthenium-based photoactivated chemotherapy is not always the metal. Chemical Communications, 2017, 53, 6768-6771.	2.2	98
10	Co-Registered Molecular Logic Gate with a CO-Releasing Molecule Triggered by Light and Peroxide. Journal of the American Chemical Society, 2017, 139, 4991-4994.	6.6	89
11	Solving the oxygen sensitivity of sensitized photon upconversion in life science applications. Nature Reviews Chemistry, 2018, 2, 437-452.	13.8	89
12	An in vitro cell irradiation protocol for testing photopharmaceuticals and the effect of blue, green, and red light on human cancer cell lines. Photochemical and Photobiological Sciences, 2016, 15, 644-653.	1.6	87
13	Rate and Stability of Photocatalytic Water Oxidation using [Ru(bpy) ₃] ²⁺ as Photosensitizer. ACS Catalysis, 2016, 6, 5273-5284.	5.5	87
14	Photo-Uncaging of a Microtubule-Targeted Rigidin Analogue in Hypoxic Cancer Cells and in a Xenograft Mouse Model. Journal of the American Chemical Society, 2019, 141, 18444-18454.	6.6	84
15	Red-Light-Controlled Release of Drug-Ru Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. Advanced Functional Materials, 2018, 28, 1804227.	7.8	82
16	N-Acetylmethionine and Biotin as Photocleavable Protective Groups for Ruthenium Polypyridyl Complexes. Chemistry - A European Journal, 2011, 17, 9924-9929.	1.7	76
17	Ruthenium-Decorated Lipid Vesicles: Light-Induced Release of [Ru(terpy)(bpy)(OH ₂) ₂] ²⁺ and Thermal Back Coordination. Journal of the American Chemical Society, 2011, 133, 252-261.	6.6	75
18	Preparation and Practical Applications of 7-Dichlorodihydrofluorescein in Redox Assays. Analytical Chemistry, 2017, 89, 3853-3857.	3.2	70

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19	Red Light-Triggered CO Release from Mn ²⁺ (CO) ₁₀ Using Triplet Sensitization in Polymer Nonwoven Fabrics. <i>Journal of the American Chemical Society</i> , 2017, 139, 15292-15295.	6.6	67
20	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, 9456-9469.	1.9	66
21	Imaging Upconverting Polymersomes in Cancer Cells: Biocompatible Antioxidants Brighten Triplet-Triplet Annihilation Upconversion. <i>Small</i> , 2016, 12, 5579-5590.	5.2	66
22	Absolute upconversion quantum yields of blue-emitting LiYF ₄ :Yb ³⁺ ,Tm ³⁺ upconverting nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22556-22562.	1.3	66
23	Green light-induced apoptosis in cancer cells by a tetrapyrrolyl ruthenium prodrug offering two trans coordination sites. <i>Chemical Science</i> , 2016, 7, 4922-4929.	3.7	63
24	Light-triggered switching of liposome surface charge directs delivery of membrane impermeable payloads in vivo. <i>Nature Communications</i> , 2020, 11, 3638.	5.8	62
25	Photochemical and thermal synthesis and characterization of polypyridine ruthenium(ii) complexes containing different monodentate ligands Electronic supplementary information (ESI) available: View of the dimeric units of 8 and proton indexation used in the 1H NMR data. See http://www.rsc.org/suppdata/dt/b3/b310198c/ . <i>Dalton Transactions</i> , 2003, , 4654.	1.6	61
26	vs. 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.	1.7	58
27	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1396-1400.	7.2	58
28	Transition metal-complexed catenanes and rotaxanes in motion: Towards molecular machines. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1063-1074.	1.8	57
29	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.	3.0	56
30	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, 8346-8354.	1.9	54
31	Pressure-induced two-step spin transition with structural symmetry breaking: X-ray diffraction, magnetic, and Raman studies. <i>Physical Review B</i> , 2011, 84, .	1.1	51
32	Tuning the Transition Temperature and Cooperativity of bapby-Based Mononuclear Spin-Crossover Compounds: Interplay between Molecular and Crystal Engineering. <i>Chemistry - A European Journal</i> , 2011, 17, 14826-14836.	1.7	51
33	Roadmap towards solar fuel synthesis at the water interface of liposome membranes. <i>Chemical Society Reviews</i> , 2021, 50, 4833-4855.	18.7	48
34	Synthesis and Resolution of Planar Chiral Ruthenium-Palladium Complexes with ECE ² Pincer Ligands. <i>Chemistry - A European Journal</i> , 2009, 15, 3340-3343.	1.7	46
35	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.	1.2	46
36	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, 4494-4505.	1.6	46

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37	Bimetallic $\hat{1}$ -6, $\hat{1}$ -1SCS- and PCP-Pincer Ruthenium Palladium Complexes: Synthesis, Structure, and Catalytic Activity. <i>Organometallics</i> , 2010, 29, 1157-1167.	1.1	45
38	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.	6.6	43
39	Multimetastability, phototrapping, and thermal trapping of a metastable commensurate superstructure in a Fe $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ spin-crossover compound. <i>Physical Review B</i> , 2012, 86, ...	1.1	42
40	Imaging the lipid bilayer of giant unilamellar vesicles using red-to-blue light upconversion. <i>Chemical Communications</i> , 2015, 51, 9137-9140.	2.2	41
41	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, 27380-27390.	1.3	41
42	A Red-Light-Activated Ruthenium-Caged NAMPT Inhibitor Remains Phototoxic in Hypoxic Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 11707-11711.	1.6	41
43	Synthesis and Photochemistry of a Two-Position Ru(terpy)(phen)(L) ₂ +Scorpionate Complex. <i>Inorganic Chemistry</i> , 2006, 45, 4024-4034.	1.9	40
44	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> , 2013, 2013, 115-123.	1.0	40
45	Triggering a Phase Transition by a Spatially Localized Laser Pulse: Role of Strain. <i>Physical Review Letters</i> , 2012, 109, 135702.	2.9	38
46	Bimetallic $\hat{1}$ -6, $\hat{1}$ -1 NCN-Pincer Ruthenium Palladium Complexes with $\hat{1}$ -6-RuCp Coordination: Synthesis, X-ray Structures, and Catalytic Properties. <i>Organometallics</i> , 2009, 28, 2325-2333.	1.1	37
47	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, 4448-4456.	1.9	36
48	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.	2.6	36
49	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, 10960-10968.	1.7	34
50	NIR-Light-Driven Generation of Reactive Oxygen Species Using Ru(II)-Decorated Lipid-Encapsulated Upconverting Nanoparticles. <i>Langmuir</i> , 2019, 35, 12079-12090.	1.6	34
51	Ruthenium Polypyridyl Complexes Hopping at Anionic Lipid Bilayers through a Supramolecular Bond Sensitive to Visible Light. <i>Chemistry - A European Journal</i> , 2012, 18, 10271-10280.	1.7	33
52	Contactless Spin Switch Sensing by Chemo-Electric Gating of Graphene. <i>Advanced Materials</i> , 2020, 32, e1903575.	11.1	32
53	Thermodynamics of the Cu ^{II} $\hat{1}$ / ₄ -Thiolate and Cu ^I Disulfide Equilibrium: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2014, 53, 8494-8504.	1.9	31
54	Kinetics of Photocatalytic Water Oxidation at Liposomes: Membrane Anchoring Stabilizes the Photosensitizer. <i>ACS Catalysis</i> , 2016, 6, 5968-5977.	5.5	30

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55	From Photoinduced Charge Separation to Light-driven Molecular Machines. <i>Structure and Bonding</i> , 2006, , 41-78.	1.0	28
56	Light-Induced Geometrical Changes in Acyclic Ruthenium(II) Complexes and Their Ruthenaâ~Macrocyclic Analogues. <i>Inorganic Chemistry</i> , 2007, 46, 10520-10533.	1.9	28
57	Metal complexes and metalloproteases: targeting conformational diseases. <i>Metallomics</i> , 2014, 6, 1346-1357.	1.0	28
58	TLD1433 Photosensitizer Inhibits Conjunctival Melanoma Cells in Zebrafish Ectopic and Orthotopic Tumour Models. <i>Cancers</i> , 2020, 12, 587.	1.7	28
59	Î6-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.	1.1	26
60	Reliability and Storage Capacity: a Compromise Illustrated in the Two-Step Spin-Crossover System [Fe(bapbpy)(NCS) ₂]. <i>Inorganic Chemistry</i> , 2010, 49, 11057-11061.	1.9	26
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, 1460.	1.7	25
62	Stabilization of the Lowâ€Spin State in a Mononuclear Iron(II) Complex and Highâ€Temperature Cooperative Spin Crossover Mediated by Hydrogen Bonding. <i>Chemistry - A European Journal</i> , 2016, 22, 331-339.	1.7	25
63	Diastereoselective Synthesis and Two-Step Photocleavage of Ruthenium Polypyridyl Complexes Bearing a Bis(thioether) Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 11689-11698.	1.9	25
64	Photochemical Resolution of a Thermally Inert Cyclometalated Ru(phbpy)(Nâ€N)(Sulfoxide) ⁺ Complex. <i>Journal of the American Chemical Society</i> , 2019, 141, 352-362.	6.6	25
65	Temperature Dependence of Tripletâ€Triplet Annihilation Upconversion in Phospholipid Membranes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 780-786.	1.2	24
66	Effects of the Bidentate Ligand on the Photophysical Properties, Cellular Uptake, and (Photo)cytotoxicity of Glycoconjugates Based on the [Ru(tpy)(NN)(L)] ²⁺ Scaffold. <i>Chemistry - A European Journal</i> , 2018, 24, 2709-2717.	1.7	24
67	Induction of a Fourâ€Way Junction Structure in the DNA Palindromic Hexanucleotide 5â€d(CGTACG)â€3â€ by a Mononuclear Platinum Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9378-9382.	7.2	24
68	Laserâ€Induced Artificial Defects (LIADs): Towards the Control of the Spatiotemporal Dynamics in Spin Transition Materials. <i>Advanced Materials</i> , 2012, 24, 2475-2478.	11.1	23
69	Influence of the Steric Bulk and Solvent on the Photoreactivity of Ruthenium Polypyridyl Complexes Coordinated to $\langle \text{scp} \rangle$ -Proline. <i>Inorganic Chemistry</i> , 2017, 56, 4818-4828.	1.9	23
70	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.	2.2	23
71	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.	1.9	23
72	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO ₂ â€Reducing Photocatalytic Liposomes. <i>Chemistry - A European Journal</i> , 2021, 27, 17203-17212.	1.7	23

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73	Self-Assembled Liposomes Enhance Electron Transfer for Efficient Photocatalytic CO ₂ Reduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 9399-9412.	6.6	23
74	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.	7.2	22
75	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.	1.2	20
76	Xanthoepocin, a photolabile antibiotic of <i>Penicillium ochrochloron</i> CBS 123823 with high activity against multiresistant gram-positive bacteria. <i>Microbial Cell Factories</i> , 2022, 21, 1.	1.9	20
77	Effect of Metal Dilution on the Thermal Spin Transition of [Fe _x Zn _{1-x}](bapbpy)(NCS) ₂ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1033-1042.	1.0	18
78	The two isomers of a cyclometallated palladium sensitizer show different photodynamic properties in cancer cells. <i>Chemical Communications</i> , 2019, 55, 4695-4698.	2.2	18
79	Ruthenium-based PACT agents based on bisquinoline chelates: synthesis, photochemistry, and cytotoxicity. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 667-674.	1.1	18
80	A Ru(terpy)(phen)-incorporating ring and its light-induced geometrical changes. <i>Chemical Communications</i> , 2005, , 3195.	2.2	17
81	Intracellular Dynamic Assembly of Deep-Red Emitting Supramolecular Nanostructures Based on the Pt Pt Metallophilic Interaction. <i>Advanced Materials</i> , 2021, 33, e2008613.	11.1	17
82	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.	1.6	16
83	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.	1.7	16
84	Influence of Selenocyanate Ligands on the Transition Temperature and Cooperativity of bapbpy-Based Fe(II) Spin-Crossover Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 13162-13173.	1.9	15
85	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.	1.2	15
86	Dynamics of dual-fluorescent polymersomes with durable integrity in living cancer cells and zebrafish embryos. <i>Biomaterials</i> , 2018, 168, 54-63.	5.7	15
87	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.	1.7	15
88	Ruthenium-based PACT compounds based on an N,S non-toxic ligand: a delicate balance between photoactivation and thermal stability. , 0, 1, 2.		15
89	Effect of Liposomes on the Kinetics and Mechanism of the Photocatalytic Reduction of Methyl Viologen. <i>Journal of Physical Chemistry B</i> , 2016, 120, 6969-6975.	1.2	14
90	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. <i>Inorganic Chemistry</i> , 2020, 59, 7710-7720.	1.9	14

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91	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.	1.7	14
92	Rollover Cyclometalation vs Nitrogen Coordination in Tetrapyrrolyl Anticancer Gold(III) Complexes: Effect on Protein Interaction and Toxicity. <i>Jacs Au</i> , 2021, 1, 380-395.	3.6	14
93	Zinc coordination to the bapbpy ligand in homogeneous solutions and at liposomes: zinc detection via fluorescence enhancement. <i>Dalton Transactions</i> , 2013, 42, 2973-2984.	1.6	13
94	Degradation of lipid based drug delivery formulations during nebulization. <i>Chemical Physics</i> , 2021, 547, 111192.	0.9	13
95	Photosubstitution in a trisheteroleptic ruthenium complex inhibits conjunctival melanoma growth in a zebrafish orthotopic xenograft model. <i>Chemical Science</i> , 2022, 13, 6899-6919.	3.7	13
96	Ruthenium-Platinum Interactions in $\text{Ru}^{\text{II}}\text{L}_2\text{Pt}^{\text{II}}\text{NCN}^{\text{Pincer}}\text{Arene}$ Heterobimetallic Complexes: An Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4667-4677.	1.0	12
97	Enhanced Photoinduced Electron Transfer at the Surface of Charged Lipid Bilayers. <i>Chemistry - A European Journal</i> , 2014, 20, 8965-8972.	1.7	12
98	SO ₂ -binding properties of cationic $\text{Ru}^{\text{II}}\text{L}_2\text{Pt}^{\text{II}}\text{NCN}^{\text{Pincer}}\text{Arene}$ ruthenium platinum complexes: spectroscopic and theoretical studies. <i>Dalton Transactions</i> , 2011, 40, 2542.	1.6	10
99	Synthesis and Characterization of Iron(II) Thiocyanate Complexes with Derivatives of the Tris(pyridine-2-ylmethyl)amine (tpma) Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 2069-2077.	0.6	10
100	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, 174-181.	1.5	10
101	Spatially Resolved Investigation and Control of the Bistability in Single Crystals of the $[\text{Fe}(\text{bbpya})(\text{NCS})_2]$ Spin Crossover Complex. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27608-27617.	1.5	10
102	Synthesis, characterization and cytotoxicity studies of Co(III)-flavonolato complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 217, 111382.	1.5	10
103	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, 7429-7438.	1.7	9
104	Catalytic photoinduced electron transport across a lipid bilayer mediated by a membrane-soluble electron relay. <i>Chemical Communications</i> , 2015, 51, 17128-17131.	2.2	8
105	Temporal Control of Membrane Fusion through Photolabile PEGylation of Liposome Membranes. <i>Angewandte Chemie</i> , 2016, 128, 1418-1422.	1.6	8
106	Controlling with light the interaction between <i>trans</i> -tetrapyrrolyl ruthenium complexes and an oligonucleotide. <i>Dalton Transactions</i> , 2018, 47, 507-516.	1.6	8
107	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.	1.0	8
108	Fluorogenic Bifunctional <i>trans</i> -Cyclooctenes as Efficient Tools for Investigating Click-Release Kinetics. <i>Chemistry - A European Journal</i> , 2020, 26, 9900-9904.	1.7	7

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109	Impact of single crystal properties on nucleation and growth mechanisms of a spin transition. <i>Polyhedron</i> , 2015, 87, 411-416.	1.0	6
110	Synthesis of <i>trans</i> -6 Substituted Positional Isomers of <i>trans</i> -Glucose Thioether Ligands and Their Ruthenium Polypyridyl Conjugates. <i>Journal of Organic Chemistry</i> , 2018, 83, 12985-12997.	1.7	6
111	Photoinduced Ligand Exchange Dynamics of a Polypyridyl Ruthenium Complex in Aqueous Solution. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7278-7284.	2.1	6
112	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.	1.2	5
113	Synthetic approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2019, 215, 242-281.	1.6	5
114	Optimized isolation of 7,7-biphyscion starting from <i>Cortinarius rubrophyllus</i> , a chemically unexplored fungal species rich in photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 221-234.	1.6	5
115	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.	1.6	4
116	Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. <i>Nanomaterials</i> , 2021, 11, 3089.	1.9	4
117	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.	0.6	3
118	MR imaging for the quantitative assessment of brain iron in aceruloplasminemia: A postmortem validation study. <i>NeuroImage</i> , 2021, 245, 118752.	2.1	3
119	On the Two Closely Related Phases of $[Ru(C_5Me_5)(1,3-(Me_2NCH_2)_2C_6H_4)](BF_4)$ and the Reversible Solid Order-Disorder Phase Transition. <i>Journal of Chemical Crystallography</i> , 2010, 40, 753-760.	0.5	2
120	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.	1.0	2
121	Cytotoxicity of Metal-Based Photoactivated Chemotherapy (PACT) Compounds. <i>Methods in Molecular Biology</i> , 2022, 2451, 245-258.	0.4	2
122	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.	1.6	1
123	New Chemical Tools for Diagnosis and Treatment of Cancer. <i>Jacs Au</i> , 2022, 2, 1018-1019.	3.6	1
124	Laser-Induced Artificial Defects (LIADs): Towards the Control of the Spatiotemporal Dynamics in Spin Transition Materials (<i>Adv. Mater.</i> 18/2012). <i>Advanced Materials</i> , 2012, 24, 2474-2474.	11.1	0
125	Frontispiece: Two-Photon-Induced CO-Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0
126	Biological approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2019, 215, 66-83.	1.6	0

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127	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2021, 27, 2886-2886.	1.7	0
128	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.	1.0	0
129	Mushrooms – an unrevealed source for promising photopharmaceuticals. <i>Planta Medica</i> , 2019, 85, .	0.7	0