

# Timothy Connell

## 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.

41  
papers

883  
citations

18  
h-index

29  
g-index

50  
ext. papers

1,095  
ext. citations

7.6  
avg. IF

4.32  
L-index

#	Paper	IF	Citations
41	Dual Photolytic Pathways in an Alloyed Plasmonic Near-Perfect Absorber: Implications for Photoelectrocatalysis. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 2702-2712	5.6	1
40	High-Throughput Screening and Automated Data-Driven Analysis of the Triplet Photophysical Properties of Structurally Diverse, Heteroleptic Iridium(III) Complexes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 1179-1194	16.4	19
39	High-Throughput Screening of Earth-Abundant Water Reduction Catalysts toward Photocatalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 774-781	5.1	6
38	High-throughput Synthesis and Screening of Iridium(III) Photocatalysts for the Fast and Chemoselective Dehalogenation of Aryl Bromides. <i>ACS Catalysis</i> , <b>2020</b> , 10, 6977-6987	13.1	16
37	Co-Reactant and Annihilation Electrogenerated Chemiluminescence of [Ir(df-ppy) <sub>2</sub> (ptb)] <sup>+</sup> Derivatives. <i>ChemElectroChem</i> , <b>2020</b> , 7, 1889-1896	4.3	2
36	Tandem Photoredox Catalysis: Enabling Carbonylative Amidation of Aryl and Alkylhalides. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18646-18654	16.4	17
35	Photoexcited Pd(II) auxiliaries enable light-induced control in C(sp <sup>3</sup> )-H bond functionalisation. <i>Chemical Science</i> , <b>2020</b> , 11, 2455-2463	9.4	11
34	Breaking plasmonic symmetry through the asymmetric growth of gold nanorods. <i>Optica</i> , <b>2020</b> , 7, 1666	8.6	3
33	Catalyst Luminescence Exploited as an Inherent In Situ Probe of Photoredox Catalysis. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 105-109	3.3	0
32	Tandem Photoredox Catalysis: Enabling Carbonylative Amidation of Aryl and Alkylhalides. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18805-18813	3.6	1
31	Self-Assembly of Plasmonic Near-Perfect Absorbers of Light: The Effect of Particle Size. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 8378-8385	6.4	6
30	Site-Specific Glycation and Chemo-enzymatic Antibody Sortagging for the Retargeting of rAAV6 to Inflamed Endothelium. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2019</b> , 14, 261-269	6.4	2
29	The Tandem Photoredox Catalysis Mechanism of [Ir(ppy)(dtb-bpy)] Enabling Access to Energy Demanding Organic Substrates. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17646-17658	16.4	58
28	Plasmene Metasurface Absorbers: Electromagnetic Hot Spots and Hot Carriers. <i>ACS Photonics</i> , <b>2019</b> , 6, 314-321	6.3	18
27	A conceptual framework for the development of iridium(III) complex-based electrogenerated chemiluminescence labels. <i>Chemical Science</i> , <b>2019</b> , 10, 8654-8667	9.4	50
26	Directing Energy into a Subwavelength Nonresonant Metasurface across the Visible Spectrum. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 1155-1161	6.1	2
25	Photocatalytic and Chemoselective Transfer Hydrogenation of Diarylimines in Batch and Continuous Flow. <i>Organic Letters</i> , <b>2018</b> , 20, 905-908	6.2	34

24	A visible-light photocatalytic thiolation of aryl, heteroaryl and vinyl iodides. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 1543-1551	3.9	15
23	Labelling proteins and peptides with phosphorescent d6 transition metal complexes. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 375, 267-284	23.2	21
22	Hot-Carrier Organic Synthesis via the Near-Perfect Absorption of Light. <i>ACS Catalysis</i> , <b>2018</b> , 8, 10331-10339	3.9	33
21	Mixed annihilation electrogenerated chemiluminescence of iridium(III) complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 18995-19006	3.6	18
20	Gas-Phase Structural and Optical Properties of Homo- and Heterobimetallic Rhombic Dodecahedral Nanoclusters [Ag <sub>14</sub> Cu <sub>n</sub> (C <sup>+</sup> CtBu) <sub>12</sub> X] <sup>+</sup> (X = Cl and Br): Ion Mobility, VUV and UV Spectroscopy, and DFT Calculations. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 10719-10727	3.8	17
19	Luminescence of a Transition Metal Complex Inside a Metamaterial Nanocavity. <i>Small</i> , <b>2017</b> , 13, 1700692-1700694	2.1	4
18	The efficient synthesis and purification of amyloid- $\beta$ (1-42) using an oligoethylene glycol-containing photocleavable lysine tag. <i>Chemical Communications</i> , <b>2017</b> , 53, 6903-6905	5.8	11
17	Luminescent Iridium(III) Cyclometalated Complexes with 1,2,3-Triazole "Click" Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2776-90	5.1	36
16	Analytically useful blue chemiluminescence from a water-soluble iridium(III) complex containing a tetraethylene glycol functionalised triazolylpyridine ligand. <i>Analyst</i> , <b>2016</b> , 141, 2140-4	5	8
15	A versatile approach for the site-specific modification of recombinant antibodies using a combination of enzyme-mediated bioconjugation and click chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7515-9	16.4	35
14	Mobile phone-based electrochemiluminescence sensing exploiting the USB On-The-Go protocol. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 216, 608-613	8.5	62
13	Annihilation electrogenerated chemiluminescence of mixed metal chelates in solution: modulating emission colour by manipulating the energetics. <i>Chemical Science</i> , <b>2015</b> , 6, 472-479	9.4	68
12	A Versatile Approach for the Site-Specific Modification of Recombinant Antibodies Using a Combination of Enzyme-Mediated Bioconjugation and Click Chemistry. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7625-7629	3.6	4
11	Blue Electrogenerated Chemiluminescence from Water-Soluble Iridium Complexes Containing Sulfonated Phenylpyridine or Tetraethylene Glycol Derivatized Triazolylpyridine Ligands. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14987-95	4.8	26
10	Protein Labelling with Versatile Phosphorescent Metal Complexes for Live Cell Luminescence Imaging. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14146-55	4.8	17
9	Synthesis, structural characterization, and gas-phase unimolecular reactivity of the silver hydride nanocluster [Ag <sub>3</sub> ((PPh <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> ) <sub>3</sub> (B-H)](BF <sub>4</sub> ) <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 7429-37	5.1	35
8	Understanding electrogenerated chemiluminescence efficiency in blue-shifted iridium(III)-complexes: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3322-32	4.8	68
7	Copper and silver complexes of tris(triazole)amine and tris(benzimidazole)amine ligands: evidence that catalysis of an azide-alkyne cycloaddition ("click") reaction by a silver tris(triazole)amine complex arises from copper impurities. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6503-11	5.1	27

6	Rhenium and technetium tricarbonyl complexes of 1,4-Substituted pyridyl-1,2,3-triazole bidentate 'click' ligands conjugated to a targeting RGD peptide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2014</b> , 57, 262-9	1.9	17
5	Halide-ion-templated Ag <sub>8</sub> Cu <sub>6</sub> rhombic dodecahedrons: synthesis, structure and reactivity of [Ag <sub>8</sub> Cu <sub>6</sub> (C <sup>?</sup> CtBu) <sub>12</sub> X]BF <sub>4</sub> (X = Cl, Br). <i>Dalton Transactions</i> , <b>2013</b> , 42, 4903-7	4.3	34
4	A click chemistry approach to 5,5'-disubstituted-3,3'-bisisoxazoles from dichloroglyoxime and alkynes: luminescent organometallic iridium and rhenium bisisoxazole complexes. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 7298-304	4.2	25
3	Röntgenbild: Synthesis, Structure and Gas-Phase Reactivity of a Silver Hydride Complex [Ag <sub>3</sub> {(PPh <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> } <sub>3</sub> (β-H)(β-Cl)]BF <sub>4</sub> (Angew. Chem. 32/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8632-8632	3.6	1
2	Synthesis, structure and gas-phase reactivity of a silver hydride complex [Ag <sub>3</sub> {(PPh <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> } <sub>3</sub> (β-H)(β-Cl)]BF <sub>4</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8391-4	16.4	41
1	Synthesis, Structure and Gas-Phase Reactivity of a Silver Hydride Complex [Ag <sub>3</sub> {(PPh <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> } <sub>3</sub> (β-H)(β-Cl)]BF <sub>4</sub> . <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8549-8552	3.6	5