

# Conor Long

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6933817/conor-long-publications-by-year.pdf>

**Version:** 2024-04-27

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.

75  
papers

1,154  
citations

21  
h-index

30  
g-index

76  
ext. papers

1,240  
ext. citations

4.7  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
75	Explaining the role of water in the light-switch probe for DNA intercalation: Modelling water loss from [Ru(phen) <sub>2</sub> (dppz)] <sup>2+</sup> ·nH <sub>2</sub> O using DFT and TD-DFT methods. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 410, 113169	4.7	3
74	Adenine Radical Cation Formation by a Ligand-Centered Excited State of an Intercalated Chromium Polypyridyl Complex Leads to Enhanced DNA Photo-oxidation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 14766-14779	16.4	6
73	Photo-activated CO-release in the amino tungsten Fischer carbene complex, [(CO)WC(NCH)Me], picosecond time resolved infrared spectroscopy, time-dependent density functional theory, and an antimicrobial study. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 208, 111071	4.2	2
72	A Time-Resolved Spectroscopic Investigation of a Novel BODIPY Copolymer and Its Potential Use as a Photosensitiser for Hydrogen Evolution. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 584060	5	2
71	Photochemical or electrochemical bond breaking - exploring the chemistry of (alkyne)Co(CO) complexes using time-resolved infrared spectroscopy, spectro-electrochemical and density functional methods. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14642-14652	4.3	2
70	Photoelectrocatalytic H evolution from integrated photocatalysts adsorbed on NiO. <i>Chemical Science</i> , <b>2019</b> , 10, 99-112	9.4	23
69	Mega-stokes pyrene ceramide conjugates for STED imaging of lipid droplets in live cells. <i>Analyst</i> , <b>2019</b> , 144, 1608-1621	5	19
68	Spectro-electrochemical Studies on [Ru(TAP)(dppz)]-Insights into the Mechanism of its Photosensitized Oxidation of Oligonucleotides. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 663-671	5.1	7
67	Photo- and Electrochemical Properties of a CO <sub>2</sub> Reducing Ruthenium-Bhenium Quaterpyridine-Based Catalyst. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 323-331	3.3	12
66	Di-copper metallodrugs promote NCI-60 chemotherapy via singlet oxygen and superoxide production with tandem TA/TA and AT/AT oligonucleotide discrimination. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 2733-2750	20.1	29
65	A phosphate-targeted dinuclear Cu(II) complex combining major groove binding and oxidative DNA cleavage. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 9918-9931	20.1	26
64	Polypyridyl substituted BODIPY derivatives; water switchable imaging probes that exhibit halogen substituent dependent localisation in live cells. <i>RSC Advances</i> , <b>2017</b> , 7, 43743-43754	3.7	7
63	Direct observation by time-resolved infrared spectroscopy of the bright and the dark excited states of the [Ru(phen)(dppz)] light-switch compound in solution and when bound to DNA. <i>Chemical Science</i> , <b>2016</b> , 7, 3075-3084	9.4	43
62	An investigation into the photochemistry of, and the electrochemically induced CO-loss from, [(CO)5MC(OMe)Me] (M = Cr or W) using low-temperature matrix isolation, picosecond infrared spectroscopy, cyclic voltammetry, and time-dependent density functional theory. <i>Dalton Transactions</i> , <b>2015</b> , 44, 15424-34	4.3	11
61	A photo- and electrochemical investigation of BODIPY-cobaloxime complexes for hydrogen production, coupled with quantum chemical calculations. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 5229-36	3.6	23
60	Controlled CO release using photochemical, thermal and electrochemical approaches from the amino carbene complex [(CO)CrC(NCH)CH]. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 21230-3	3.6	8
59	Porphyryn-cobaloxime complexes for hydrogen production, a photo- and electrochemical study, coupled with quantum chemical calculations. <i>Dalton Transactions</i> , <b>2014</b> , 43, 3576-83	4.3	32

58	Incorporating Cobalt Carbonyl Moieties onto Ethynylthiophene-Based Dithienylcyclopentene Switches. 1. Photochemistry. <i>Organometallics</i> , <b>2014</b> , 33, 447-456	3.8	13
57	Incorporating Cobalt Carbonyl Moieties onto Ethynylthiophene-Based Dithienylcyclopentene Switches. 2. Electro- and Spectroelectrochemical Properties. <i>Organometallics</i> , <b>2014</b> , 33, 3309-3319	3.8	10
56	Excited state evolution towards ligand loss and ligand chelation at group 6 metal carbonyl centres. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17797-805	4.3	5
55	Naphthyridyl-Substituted 4,4-Difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) Luminophores: Photophysics and Application as Molecular Imaging Probes in Live Cells. <i>Asian Journal of Organic Chemistry</i> , <b>2013</b> , 2, 763-778	3	10
54	Wavelength dependent photocatalytic H <sub>2</sub> generation using iridium-Pt/Pd complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12678-80	4.3	25
53	Photochemistry of (β-anisole)Cr(CO) <sub>3</sub> and (β-thioanisole)Cr(CO) <sub>3</sub> : evidence for a photoinduced haptotropic shift of the thioanisole ligand, a picosecond time-resolved infrared spectroscopy and density functional theory investigation. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 962-9	2.8	10
52	Potential energy mapping of the excited-states of (β-arene)Cr(CO) <sub>3</sub> complexes: the evolution toward CO-loss or haptotropic shift processes. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 6845-50	2.8	8
51	A Combined Theoretical and Experimental Study on the Wavelength-Dependent Photophysics of (β-benzene)Mo(CO) <sub>3</sub> . <i>Organometallics</i> , <b>2012</b> , 31, 268-272	3.8	10
50	Near IR emitting BODIPY fluorophores with mega-Stokes shifts. <i>Chemical Communications</i> , <b>2012</b> , 48, 5617-9	5.8	56
49	Probing the metal-to-ligand charge transfer first excited state in (β-naphthalene)Cr(CO) <sub>3</sub> and (β-phenanthrene)Cr(CO) <sub>3</sub> by resonance Raman spectroscopy and density functional theory calculations. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 11641-51	2.8	6
48	Photochemistry of (β-arene)Cr(CO) <sub>3</sub> (arene = methylbenzoate, naphthalene, or phenanthrene) in n-heptane solution: population of two excited states following 400 nm excitation as detected by picosecond time-resolved infrared spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 2985-93	2.8	18
47	Evidence for cobalt-cobalt bond homolysis and wavelength-dependent CO loss in (η-alkyne)Co <sub>2</sub> (CO) <sub>6</sub> complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 10214-6	5.1	8
46	Excited state dynamics and activation parameters of remarkably slow photoinduced CO loss from (β-benzene)Cr(CO) <sub>3</sub> in n-heptane solution: a DFT and picosecond-time-resolved infrared study. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 11425-31	2.8	15
45	Optically induced cis-trans isomerisation of (η <sup>6</sup> -cis-stilbene)Cr(CO) <sub>3</sub> . <i>Dalton Transactions</i> , <b>2010</b> , 39, 2201-3	4.3	5
44	Matrix effects and their role in the low-temperature photochemistry of (β-Aniline)Cr(CO) <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1634-1640	2.3	3
43	Photophysics of CO Loss from Simple Metal Carbonyl Complexes. <i>Topics in Organometallic Chemistry</i> , <b>2009</b> , 159-191	0.6	4
42	(β-C <sub>4</sub> H <sub>4</sub> S)Cr(CO) <sub>3</sub> and (β-C <sub>4</sub> H <sub>4</sub> Se)Cr(CO) <sub>3</sub> : A DFT Investigation of the Ground-State Singlet and Triplet Surfaces. New Insights into the Mechanism of Cβ or Cβe Insertion Reactions. <i>Organometallics</i> , <b>2009</b> , 28, 94-99	3.8	5
41	X-ray Crystallographic and NMR Spectroscopic Study of (η-Alkene)(η-alkyne)pentacarbonyldicobalt Complexes: Arrested Pauson-Hand Reaction Intermediates. <i>Organometallics</i> , <b>2009</b> , 28, 6308-6319	3.8	19

40	Unusually Slow Photodissociation of CO from ( $\eta$ -C <sub>6</sub> H <sub>6</sub> )Cr(CO) <sub>3</sub> (M = Cr or Mo): A Time-Resolved Infrared, Matrix Isolation, and DFT Investigation. <i>Organometallics</i> , <b>2009</b> , 28, 1461-1468	3.8	33
39	Visible light driven room temperature Pauson-Khand reaction. <i>Dalton Transactions</i> , <b>2009</b> , 7885-7	4.3	14
38	Photoinduced Se $\pi$ Insertion Following Photolysis of ( $\eta$ -C <sub>4</sub> H <sub>4</sub> Se)Cr(CO) <sub>3</sub> . A Picosecond and Nanosecond Time-Resolved Infrared, Matrix Isolation, and DFT Investigation. <i>Organometallics</i> , <b>2008</b> , 27, 3671-3680	3.8	23
37	A laser flash photolysis, matrix isolation, and DFT investigation of ( $\eta$ -C <sub>6</sub> H <sub>5</sub> Y)Cr(CO) <sub>3</sub> (Y = NH <sub>2</sub> , OCH <sub>3</sub> , H, CHO, or CO <sub>2</sub> CH <sub>3</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2907-2914	2.3	11
36	Photochemical cis $\rightleftharpoons$ trans Isomerization of cis-( $\eta$ -1,2-Diphenylethene)Cr(CO) <sub>3</sub> and the Molecular Structure of trans-( $\eta$ -1,2-Diphenylethene)Cr(CO) <sub>3</sub> . <i>Organometallics</i> , <b>2007</b> , 26, 4128-4134	3.8	9
35	The photochemistry of ( $\eta$ -2-R-C <sub>3</sub> H <sub>4</sub> )Fe(CO)(NO)(X) (R = H or Cl; X = CO or PPh <sub>3</sub> ) in room temperature solution or frozen gas matrixes. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 3298-3304	2.3	6
34	Reduction of dipyrido-[3,2-a:2',3'-c]-phenazine (dppz) by photolysis in ethanol solution. <i>Chemical Communications</i> , <b>2005</b> , 1402-4	5.8	28
33	The (1R,2R,7R,8R)- and (1R,2S,7S,8R)-diastereoisomers of 8,9,11,12-tetrachloro-N-ethyltricyclo[6.2.2.0(2,7)]dodeca-9,11-diene-1,10-dicarboximide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2005</b> , 61, o369-72		
32	(1R,2S,7R,8R)-N-Benzoyltricyclo[6.2.2.0(2,7)]dodeca-9,11-diene-1,10-dicarboximide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o547-o549		1
31	4?,5?,6?,7?-Tetrachlorospiro[cyclohex-2-ene-1,2?-indan]-1?,3?-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o1904-o1906		
30	(S)-N-(1-Benzyl-2-hydroxyethyl)phthalamic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2047-o2049		
29	Benzylammonium 2,4-bis(dicyanomethylene)-2,3-dihydroisoindolide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2258-o2260		
28	2-Benzoylspiro[1H-isoindole-1,3?-isochromene]-1?,3,4?(2H,3?H)-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, o2025-o2028		1
27	Dicarbonyl( $\eta$ -cis-cyclooctene)( $\eta$ -methylcyclopentadienyl)manganese(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, m676-m678		1
26	Dicarbonyl( $\eta$ -methylcyclopentadienyl){ $\eta$ -[tricarbonyl( $\eta$ -styrene)chromium(0)]}manganese(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, m931-m933		
25	Pentacarbonyl(4-phenylpyridine)tungsten(0) and pentacarbonyl(2-phenylpyridine)chromium(0). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 385-7		6
24	Photochemistry of ( $\eta$ -C <sub>5</sub> H <sub>5</sub> )( $\eta$ -C <sub>4</sub> H <sub>4</sub> N)Fe and ( $\eta$ -C <sub>5</sub> H <sub>5</sub> )( $\eta$ -N-C <sub>4</sub> H <sub>4</sub> N)Fe(CO) <sub>2</sub> in Low-Temperature Matrixes and Room-Temperature Solution. Evidence for a Photoinduced Haptotropic Shift of the $\pi$ -Coordinated Pyrrolyl Ligand. <i>Organometallics</i> , <b>2000</b> , 19, 3867-3873	3.8	10
23	The photochemistry of ( $\eta$ -RC <sub>2</sub> H)Co <sub>2</sub> (CO) <sub>6</sub> species (R = H or C <sub>6</sub> H <sub>5</sub> ), important intermediates in the Pauson-Khand reaction. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 588, 195-199	2.3	9

22	Novel acetylene-linked di-cobalt and tetra-cobalt carbonyl clusters. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 589, 157-167	2.3	19
21	A new combination of donor and acceptor: bis( $\eta$ -benzene)chromium and hexafluorobenzene form a charge-transfer stacked crystal. <i>Chemical Communications</i> , <b>1999</b> , 1027-1028	5.8	36
20	Photochemistry of ( $\eta$ -arene)Mo(CO) <sub>3</sub> and the Role of Alkane Solvents in Modifying the Reactions of Coordinatively Unsaturated Metal Carbonyl Fragments. <i>Organometallics</i> , <b>1998</b> , 17, 3690-3695	3.8	43
19	A Kinetic Evaluation of Carbon-Hydrogen, Carbon-Carbon, and Carbon-Silicon Bond Activation in Benzylic Radical Cations. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 284-297	16.4	31
18	Photoinduced anionic polymerization of cyanoacrylates using substituted pyridine pentacarbonyl complexes of tungsten or chromium. <i>Polymer</i> , <b>1997</b> , 38, 2011-2014	3.9	19
17	Photochemistry of ( $\eta$ -2,6-X <sub>2</sub> C <sub>5</sub> H <sub>3</sub> N)Cr(CO) <sub>3</sub> (X = H, CH <sub>3</sub> , (CH <sub>3</sub> ) <sub>3</sub> Si). First Example of a Photoinduced Ring-Slip at an ( $\eta$ -Arene)M(CO) <sub>3</sub> Center. Molecular Structures of ( $\eta$ -2,6-(CH <sub>3</sub> ) <sub>2</sub> C <sub>5</sub> H <sub>3</sub> N)Cr(CO) <sub>3</sub> and ( $\eta$ -2,6-((CH <sub>3</sub> ) <sub>3</sub> Si) <sub>2</sub> C <sub>5</sub> H <sub>3</sub> N)Cr(CO) <sub>3</sub> . <i>Organometallics</i> , <b>1996</b> , 15, 3679-3687	3.8	21
16	Photochemical transformations of cyclic azimines-X-ray crystallographic analysis of intermediates in their sequential phototransformations. <i>Chemical Communications</i> , <b>1996</b> , 945-946	5.8	6
15	Synthesis, characterisation and variable-temperature nuclear magnetic resonance of bis(bipyridine)ruthenium complexes containing dihydrazone ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 1577		22
14	Laser pulse photolysis and transient infrared investigation into the effect of solvent or substituents (X) on the reactivity of photogenerated benzenechromium ( $\eta$ -6-C <sub>6</sub> H <sub>6</sub> -yXy)Cr(CO) <sub>2</sub> intermediates. <i>Organometallics</i> , <b>1993</b> , 12, 3127-3131	3.8	48
13	Thermally and photochemically induced co-ordination change in ruthenium(II) bis(2,2'-bipyridine) complexes containing pyridyltriazole ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1992</b> , 1177-1183		14
12	Preparation, spectroscopic properties, crystal and molecular structure of pentacarbonyl(3-methyl-1-(pyridin-2-yl)-1,2,4-triazole-N <sub>4</sub> )tungsten(0). <i>Inorganica Chimica Acta</i> , <b>1991</b> , 180, 195-199	2.7	6
11	Mathematical model for the measurement of pseudo-first-order rate constants in laser flash photolysis experiments. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1990</b> , 54, 1-10	4.7	5
10	The crystal and molecular structure of [( $\eta$ -4,4'-dimethyl-2,2'-bipyridyl)bis(pentacarbonylchromium(0))]: the first structural determination of a complex containing a bridging 2,2'-bipyridyl ligand. <i>Inorganica Chimica Acta</i> , <b>1989</b> , 157, 151-152	2.7	21
9	( $\mu$ -4,4'-Dimethyl-2,2'-bipyridine)bis(pentacarbonylchromium): isolation and reactivity of a novel complex relevant to Group 6 metal tetracarbonyl chelate formation. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 2231-2234	5.1	16
8	A study of the thermal and photochemical reactions of the group 6 metal carbonyls with organic polymer supports. <i>Inorganica Chimica Acta</i> , <b>1988</b> , 146, 25-31	2.7	4
7	Structure and reactivity of ( $\eta$ -5-C <sub>5</sub> H <sub>5</sub> )Mn(CO) <sub>2</sub> in room-temperature solution. Evidence for formation of a dinuclear intermediate detected by flash photolysis and time-resolved infrared spectroscopy. <i>Organometallics</i> , <b>1987</b> , 6, 2600-2605	3.8	61
6	The crystal and molecular structure of tetracarbonyl(6-p-styryl-2,2'-bipyridyl)tungsten(0). An examination of the affect of a bulky group $\eta$ to one coordinating nitrogen atom in a bidentate ligand. <i>Journal of Organometallic Chemistry</i> , <b>1984</b> , 272, 385-390	2.3	4
5	Preparation, spectroscopic characterization, and photochemical and electrochemical properties of some bis(2,2'-bipyridyl)ruthenium(II) and tetracarbonyltungsten(0) complexes of 6-p-tolyl-2,2'-bipyridyl and of 6-p-styryl-2,2'-bipyridyl and its copolymers. <i>Inorganic Chemistry</i> , <b>1983</b> , 22, 2818-2824	5.1	49

- 4 Laser flash photolysis of  $M(\text{CO})_6$  ( $M = \text{Cr}, \text{Mo}, \text{or W}$ ) in perfluoromethylcyclohexane. The generation of highly reactive coordinatively unsaturated species. *The Journal of Physical Chemistry*, **1983**, 87, 3344-3349 7<sup>8</sup>
- 3 Dicarbonyl(methylcyclopentadienyl)manganese complexes of 4-vinylpyridine. *Journal of Organometallic Chemistry*, **1982**, 231, C9-C11 2.3 9
- 2 Group via metal pentacarbonyl complexes of 2- and 4-vinylpyridine and their copolymers. preparation, spectroscopic characterisation and photochemical properties. *Journal of Organometallic Chemistry*, **1982**, 235, 315-326 2.3 4
- 1 Characterisation of photochemically formed reactive species from kinetic and thermodynamic data using UV-Vis. Laser flash photolysis, Time resolved IR and matrix isolation techniques. *Spectroscopic Properties of Inorganic and Organometallic Compounds*, 244-271