

# Christopher Rk Glasson

## List of Publications by Year in descending order

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29  
papers

1,875  
citations

304743

22  
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501196

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all docs

29  
docs citations

29  
times ranked

2317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ulvan: A systematic review of extraction, composition and function. <i>Algal Research</i> , 2019, 39, 101422.	4.6	329
2	Photostability of Phosphonate-Derivatized, Ru <sup>II</sup> Polypyridyl Complexes on Metal Oxide Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 1462-1469.	8.0	157
3	Structure-Property Relationships in Phosphonate-Derivatized, Ru <sup>II</sup> Polypyridyl Dyes on Metal Oxide Surfaces in an Aqueous Environment. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14837-14847.	3.1	156
4	Recent developments in the d-block metallo-supramolecular chemistry of polypyridyls. <i>Coordination Chemistry Reviews</i> , 2008, 252, 940-963.	18.8	147
5	Photoinduced Electron Transfer in a Chromophore-Catalyst Assembly Anchored to TiO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2012, 134, 19189-19198.	13.7	116
6	Synthesis of Phosphonic Acid Derivatized Bipyridine Ligands and Their Ruthenium Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 12492-12501.	4.0	114
7	Photoinduced Stepwise Oxidative Activation of a Chromophore-Catalyst Assembly on TiO <sub>2</sub> . <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1808-1813.	4.6	93
8	Unprecedented encapsulation of a [FeIIICl <sub>4</sub> ] <sup>-</sup> anion in a cationic [FeII4L <sub>6</sub> ] <sup>8+</sup> tetrahedral cage derived from 5,5'-dimethyl-2,2'-bis(5,5'-bis(2,2'-quaterpyridine). <i>Chemical Science</i> , 2011, 2, 540-543.	7.4	75
9	A cascading biorefinery process targeting sulfated polysaccharides (ulvan) from <i>Ulva ohnoi</i> . <i>Algal Research</i> , 2017, 27, 383-391.	4.6	71
10	Microwave Synthesis of a Rare [Ru <sub>2</sub> L <sub>3</sub> ] <sup>4+</sup> Triple Helicate and Its Interaction with DNA. <i>Chemistry - A European Journal</i> , 2008, 14, 10535-10538.	3.3	63
11	An Amide-Linked Chromophore-Catalyst Assembly for Water Oxidation. <i>Inorganic Chemistry</i> , 2012, 51, 6428-6430.	4.0	60
12	Benefits and risks of including the bromoform containing seaweed <i>Asparagopsis</i> in feed for the reduction of methane production from ruminants. <i>Algal Research</i> , 2022, 64, 102673.	4.6	54
13	Controlling Ground and Excited State Properties through Ligand Changes in Ruthenium Polypyridyl Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 5637-5646.	4.0	53
14	Enrichment processes for the production of high-protein feed from the green seaweed <i>Ulva ohnoi</i> . <i>Algal Research</i> , 2019, 41, 101555.	4.6	48
15	Spectroscopy and Dynamics of Phosphonate-Derivatized Ruthenium Complexes on TiO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2013, 117, 812-824.	3.1	43
16	The molecular weight of ulvan affects the in vitro inflammatory response of a murine macrophage. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 839-848.	7.5	43
17	Interfacial Dynamics and Solar Fuel Formation in Dye-Sensitized Photoelectrosynthesis Cells. <i>ChemPhysChem</i> , 2012, 13, 2882-2890.	2.1	41
18	Self-Assembled Bilayers on Indium-Tin Oxide (SAB-ITO) Electrodes: A Design for Chromophore-Catalyst Photoanodes. <i>Inorganic Chemistry</i> , 2012, 51, 8637-8639.	4.0	33

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19	Electrogenerated polypyridyl ruthenium hydride and ligand activation for water reduction to hydrogen and acetone to iso-propanol. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9503.	2.8	31
20	Interaction of Copper(II) with Ditopic Pyridyl- $\beta^2$ -diketone Ligands: Dimeric, Framework, and Metallogel Structures. <i>Crystal Growth and Design</i> , 2011, 11, 1697-1704.	3.0	30
21	Post-Assembly Covalent Di- and Tetracapping of a Dinuclear [Fe <sub>2</sub> L <sub>3</sub> ] <sup>4+</sup> Triple Helicate and Two [Fe <sub>4</sub> L <sub>6</sub> ] <sup>8+</sup> Tetrahedra Using Sequential Reductive Aminations. <i>Inorganic Chemistry</i> , 2015, 54, 6986-6992.	4.0	26
22	Are all ulvans equal? A comparative assessment of the chemical and gelling properties of ulvan from blade and filamentous Ulva. <i>Carbohydrate Polymers</i> , 2021, 264, 118010.	10.2	25
23	Structural characterization of ulvans extracted from blade ( <i>Ulva ohnoi</i> ) and filamentous ( <i>Ulva</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 107 <i>Macromolecules</i> , 2022, 194, 571-579.	7.5	18
24	Selection of temperate Ulva species and cultivars for land-based cultivation and biomass applications. <i>Algal Research</i> , 2021, 56, 102320.	4.6	16
25	Sensitized Photodecomposition of Organic Bisphosphonates By Singlet Oxygen. <i>Journal of the American Chemical Society</i> , 2012, 134, 16975-16978.	13.7	10
26	Multiple response optimisation of the aqueous extraction of high quality ulvan from <i>Ulva ohnoi</i> . <i>Bioresource Technology Reports</i> , 2019, 7, 100262.	2.7	9
27	Metal Template Synthesis of a Tripodal Tris(bipyridyl) Receptor that Encapsulates a Proton and an Iron(II) Centre in a Pseudo Cage. <i>Australian Journal of Chemistry</i> , 2012, 65, 1371.	0.9	8
28	Modulating electron injection from an organic dye to a titania nanoparticle with a photochromic energy transfer acceptor. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6215-6219.	5.5	6
29	5,5- $\epsilon^2$ -Bis[(trimethylsilyl)methyl]-2,2- $\epsilon^2$ -bipyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o364-o364.	0.2	0