Christopher Rk Glasson

List of Publications by Year
in descending order

29	1,875	304743 22	501196 28
papers	citations	h-index	g-index

29	29	29	2317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural characterization of ulvans extracted from blade (Ulva ohnoi) and filamentous (Ulva) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Macromolecules, 2022, 194, 571-579.	7.5	18
2	Benefits and risks of including the bromoform containing seaweed Asparagopsis in feed for the reduction of methane production from ruminants. Algal Research, 2022, 64, 102673.	4.6	54
3	Selection of temperate Ulva species and cultivars for land-based cultivation and biomass applications. Algal Research, 2021, 56, 102320.	4.6	16
4	Are all ulvans equal? A comparative assessment of the chemical and gelling properties of ulvan from blade and filamentous Ulva. Carbohydrate Polymers, 2021, 264, 118010.	10.2	25
5	The molecular weight of ulvan affects the in vitro inflammatory response of a murine macrophage. International Journal of Biological Macromolecules, 2020, 150, 839-848.	7.5	43
6	Multiple response optimisation of the aqueous extraction of high quality ulvan from Ulva ohnoi. Bioresource Technology Reports, 2019, 7, 100262.	2.7	9
7	Enrichment processes for the production of high-protein feed from the green seaweed Ulva ohnoi. Algal Research, 2019, 41, 101555.	4.6	48
8	Ulvan: A systematic review of extraction, composition and function. Algal Research, 2019, 39, 101422.	4.6	329
9	A cascading biorefinery process targeting sulfated polysaccharides (ulvan) from Ulva ohnoi. Algal Research, 2017, 27, 383-391.	4.6	71
10	Modulating electron injection from an organic dye to a titania nanoparticle with a photochromic energy transfer acceptor. Journal of Materials Chemistry C, 2016, 4, 6215-6219.	5.5	6
11	Post-Assembly Covalent Di- and Tetracapping of a Dinuclear [Fe₂L₃]⁴⁺ Triple Helicate and Two [Fe₄L₆]⁸⁺ Tetrahedra Using Sequential Reductive Aminations. Inorganic Chemistry, 2015, 54, 6986-6992.	4.0	26
12	Controlling Ground and Excited State Properties through Ligand Changes in Ruthenium Polypyridyl Complexes. Inorganic Chemistry, 2014, 53, 5637-5646.	4.0	53
13	Electrogenerated polypyridyl ruthenium hydride and ligand activation for water reduction to hydrogen and acetone to iso-propanol. Physical Chemistry Chemical Physics, 2013, 15, 9503.	2.8	31
14	Synthesis of Phosphonic Acid Derivatized Bipyridine Ligands and Their Ruthenium Complexes. Inorganic Chemistry, 2013, 52, 12492-12501.	4.0	114
15	Spectroscopy and Dynamics of Phosphonate-Derivatized Ruthenium Complexes on TiO₂. Journal of Physical Chemistry C, 2013, 117, 812-824.	3.1	43
16	Metal Template Synthesis of a Tripodal Tris(bipyridyl) Receptor that Encapsulates a Proton and an Iron(II) Centre in a Pseudo Cage. Australian Journal of Chemistry, 2012, 65, 1371.	0.9	8
17	Photoinduced Electron Transfer in a Chromophoreâ€“Catalyst Assembly Anchored to TiO₂. Journal of the American Chemical Society, 2012, 134, 19189-19198.	13.7	116
18	Photostability of Phosphonate-Derivatized, Ru^{II} Polypyridyl Complexes on Metal Oxide Surfaces. ACS Applied Materials & Interfaces, 2012, 4, 1462-1469.	8.0	157

#	Article	IF	Citations
19	Self-Assembled Bilayers on Indiumâ€“Tin Oxide (SAB-ITO) Electrodes: A Design for Chromophoreâ€“Catalyst Photoanodes. Inorganic Chemistry, 2012, 51, 8637-8639.	4.0	33
20	Structureâ€“Property Relationships in Phosphonate-Derivatized, Ru^{II} Polypyridyl Dyes on Metal Oxide Surfaces in an Aqueous Environment. Journal of Physical Chemistry C, 2012, 116, 14837-14847.	3.1	156
21	Sensitized Photodecomposition of Organic Bisphosphonates By Singlet Oxygen. Journal of the American Chemical Society, 2012, 134, 16975-16978.	13.7	10
22	An Amide-Linked Chromophoreâ€“Catalyst Assembly for Water Oxidation. Inorganic Chemistry, 2012, 51, 6428-6430.	4.0	60
23	Interfacial Dynamics and Solar Fuel Formation in Dyeâ€Sensitized Photoelectrosynthesis Cells. ChemPhysChem, 2012, 13, 2882-2890.	2.1	41
24	Interaction of Copper(II) with Ditopic Pyridyl-Î²-diketone Ligands: Dimeric, Framework, and Metallogel Structures. Crystal Growth and Design, 2011, 11, 1697-1704.	3.0	30
25	Unprecedented encapsulation of a [FeIIICl4]â^'anion in a cationic [FeII4L6]8+tetrahedral cage derived from 5,5â€²â€²â€²-dimethyl-2,2â€²:5â€²,5â€²â€²:2â€²â€²,2â€²â€²â€²-quaterpyridine. Chemical Science, 2011, 2, 540-543.	7.4	75
26	Photoinduced Stepwise Oxidative Activation of a Chromophoreâ€“Catalyst Assembly on TiO₂. Journal of Physical Chemistry Letters, 2011, 2, 1808-1813.	4.6	93
27	Microwave Synthesis of a Rare [Ru₂L₃]⁴⁺ Triple Helicate and Its Interaction with DNA. Chemistry - A European Journal, 2008, 14, 10535-10538.	3.3	63
28	Recent developments in the d-block metallo-supramolecular chemistry of polypyridyls. Coordination Chemistry Reviews, 2008, 252, 940-963.	18.8	147
29	5,5â€²-Bis[(trimethylsilyl)methyl]-2,2â€²-bipyridine. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o364-o364.	0.2	0