

Craig S Mckay

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,783
citations

430874

18
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2809
citing authors

#	ARTICLE	IF	CITATIONS
1	Click Chemistry in Complex Mixtures: Bioorthogonal Bioconjugation. <i>Chemistry and Biology</i> , 2014, 21, 1075-1101.	6.0	627
2	Cellular Consequences of Copper Complexes Used To Catalyze Bioorthogonal Click Reactions. <i>Journal of the American Chemical Society</i> , 2011, 133, 17993-18001.	13.7	330
3	Nitrones as dipoles for rapid strain-promoted 1,3-dipolar cycloadditions with cyclooctynes. <i>Chemical Communications</i> , 2010, 46, 931-933.	4.1	107
4	<i>Amblyomma sculptum</i> tick saliva: Î±-Gal identification, antibody response and possible association with red meat allergy in Brazil. <i>International Journal for Parasitology</i> , 2016, 46, 213-220.	3.1	93
5	Virus-like Particle Display of the Î±-Gal Carbohydrate for Vaccination against <i>Leishmania</i> Infection. <i>ACS Central Science</i> , 2017, 3, 1026-1031.	11.3	67
6	Strain-promoted cycloadditions of cyclic nitrones with cyclooctynes for labeling human cancer cells. <i>Chemical Communications</i> , 2011, 47, 10040.	4.1	64
7	T cells control the generation of nanomolar-affinity anti-glycan antibodies. <i>Journal of Clinical Investigation</i> , 2017, 127, 1491-1504.	8.2	63
8	Carbon-bonded silver nanoparticles: alkyne-functionalized ligands for SERS imaging of mammalian cells. <i>Chemical Communications</i> , 2011, 47, 3156.	4.1	49
9	Studies of multicomponent Kinugasa reactions in aqueous media. <i>Tetrahedron Letters</i> , 2009, 50, 1893-1896.	1.4	46
10	Kinetics studies of rapid strain-promoted [3 + 2]-cycloadditions of nitrones with biaryl-aza-cyclooctynone. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3066.	2.8	42
11	Glycan-Modified Virus-like Particles Evoke T Helper Type 1-like Immune Responses. <i>ACS Nano</i> , 2021, 15, 309-321.	14.6	40
12	Activity-based protein profiling of the hepatitis C virus replication in Huh-7 hepatoma cells using a non-directed active site probe. <i>Proteome Science</i> , 2010, 8, 5.	1.7	36
13	Chemical Synthesis of GM2 Glycans, Bioconjugation with Bacteriophage QÎ², and the Induction of Anticancer Antibodies. <i>ChemBioChem</i> , 2016, 17, 174-180.	2.6	35
14	Activity-based protein profiling of host-virus interactions. <i>Trends in Biotechnology</i> , 2012, 30, 89-99.	9.3	27
15	Strain-promoted 1,3-dipolar cycloadditions of diazo compounds with cyclooctynes. <i>Canadian Journal of Chemistry</i> , 2011, 89, 148-151.	1.1	25
16	A New Chemical Probe for Phosphatidylinositol Kinase Activity. <i>ChemBioChem</i> , 2014, 15, 1253-1256.	2.6	25
17	Rearrangements and addition reactions of biarylazacyclooctynones and the implications to copper-free click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3436.	2.8	24
18	Copper-catalysed cycloaddition reactions of nitrones and alkynes for bioorthogonal labelling of living cells. <i>RSC Advances</i> , 2014, 4, 46966-46969.	3.6	21

#	ARTICLE	IF	CITATIONS
19	Virus-like Particle Display of the β -Gal Epitope for the Diagnostic Assessment of Chagas Disease. ACS Infectious Diseases, 2016, 2, 917-922.	3.8	17
20	Polyvalent Catalysts Operating on Polyvalent Substrates: A Model for Surface-Controlled Reactivity. Angewandte Chemie - International Edition, 2016, 55, 12643-12649.	13.8	14
21	Hydrophobic Triaryl-Substituted β -Lactams as Activity-Based Probes for Profiling Eukaryotic Enzymes and Host-Pathogen Interactions. ChemBioChem, 2014, 15, 2195-2200.	2.6	12
22	Activity-Based Phosphatidylinositol Kinase Probes Detect Changes to Protein-Protein Interactions During Hepatitis C Virus Replication. ACS Infectious Diseases, 2018, 4, 752-757.	3.8	12
23	Polyvalent Catalysts Operating on Polyvalent Substrates: A Model for Surface-Controlled Reactivity. Angewandte Chemie, 2016, 128, 12833-12839.	2.0	7