

# Craig A Ogle

## List of Publications by Year in descending order

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33  
papers

1,195  
citations

516710

16  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

718  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid-injection (RI) NMR study of the reactivity of butyllithium aggregates in tetrahydrofuran. <i>Journal of the American Chemical Society</i> , 1985, 107, 1810-1815.	13.7	197
2	Rapid Injection NMR in Mechanistic Organocopper Chemistry. Preparation of the Elusive Copper(III) Intermediate. <i>Journal of the American Chemical Society</i> , 2007, 129, 7208-7209.	13.7	154
3	Preparation of $\eta^3$ - and $\eta^5$ -Allylcopper(III) Intermediates in $S_N2$ and $S_N2^{\ddagger}$ Reactions of Organocuprate(I) Reagents with Allylic Substrates. <i>Journal of the American Chemical Society</i> , 2008, 130, 11244-11245.	13.7	117
4	Organocuprate Cross-Coupling: The Central Role of the Copper(III) Intermediate and the Importance of the Copper(I) Precursor. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7082-7085.	13.8	95
5	Neutral organocopper(III) complexes. <i>Chemical Communications</i> , 2008, , 1176.	4.1	64
6	Rapid-Injection NMR Study of Iodo- and Cyano-Gilman Reagents with 2-Cyclohexenone: Observation of $\eta^5$ -Complexes and Their Rates of Formation. <i>Journal of the American Chemical Society</i> , 2002, 124, 13650-13651.	13.7	60
7	Isolation, characterization, and crystal structure of $[MeLi.THF]_4$ . <i>Organometallics</i> , 1993, 12, 1960-1963.	2.3	55
8	Re-evaluation of Organocuprate Reactivity: Logarithmic Reactivity Profiles for Iodo- versus Cyano-Gilman Reagents in the Reactions of Organocuprates with 2-Cyclohexenone and Iodocyclohexane. <i>Chemistry - A European Journal</i> , 1999, 5, 2680-2691.	3.3	50
9	A novel SHAPE reagent enables the analysis of RNA structure in living cells with unprecedented accuracy. <i>Nucleic Acids Research</i> , 2021, 49, e34-e34.	14.5	44
10	Serendipity strikes again: efficient preparation of lithium tetramethylcuprate(III) via rapid injection NMR. <i>Chemical Communications</i> , 2010, 46, 1253.	4.1	41
11	Organocuprate(III) chemistry: synthesis and reactivity of amido, cyano, phosphido and thiolato ate complexes of copper(III). <i>Chemical Communications</i> , 2010, 46, 1255.	4.1	40
12	Opening the "black box": oscillations in organocuprate conjugate addition reactions. <i>Chemical Communications</i> , 2005, , 854-856.	4.1	28
13	Rapid Injection NMR Reveals $\eta^3$ -Allyl $Cu^{III}$ Intermediates in Addition Reactions of Organocuprate Reagents. <i>Journal of the American Chemical Society</i> , 2012, 134, 9557-9560.	13.7	28
14	Treatment of pancreatic ductal adenocarcinoma with tumor antigen specific-targeted delivery of paclitaxel loaded PLGA nanoparticles. <i>BMC Cancer</i> , 2018, 18, 457.	2.6	27
15	Minimization of Organocuprate Complexity through Self-Organization: Remarkable Orientation Effect in Mixed Cuprate $\eta^5$ -Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2681-2685.	13.8	25
16	Complexes of Gilman Reagents with $C=S$ and $C=N$ Double Bonds: $\eta^3$ or $\eta^5$ Bonding?. <i>Journal of the American Chemical Society</i> , 2010, 132, 9549-9551.	13.7	16
17	Argentate(I) and (III) complexes as intermediates in silver-mediated cross-coupling reactions. <i>Chemical Communications</i> , 2018, 54, 5086-5089.	4.1	16
18	Complexes of the Gilman Reagent with Double Bonds across the $\eta^3$ - $\eta^5$ Continuum. <i>Organometallics</i> , 2012, 31, 7827-7838.	2.3	15

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19	The X-ray Crystal Structure of a Cuprate-Carbonyl Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10250-10252.	13.8	14
20	Aldehydes and Ketones Form Intermediate $\pi$ -Complexes with the Gilman Reagent, $\text{Me}_2\text{CuLi}$ , at Low Temperatures in Tetrahydrofuran. <i>Journal of the American Chemical Society</i> , 2013, 135, 9656-9658.	13.7	12
21	Ligand Exchange in Mixed Organocuprate(I) $\pi$ -Complexes. <i>Organometallics</i> , 2012, 31, 7809-7811.	2.3	11
22	Directly Quantifiable Biotinylation Using a Water-Soluble Isatoic Anhydride Platform. <i>Bioconjugate Chemistry</i> , 2021, 32, 904-908.	3.6	10
23	A rapid-injection NMR study of the effect of lithium alkoxides on the butyllithium-initiated polymerization and propagation of styrene. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1157-1168.	2.3	9
24	Chiral lithiothiophenes as non-transferable ligands in organocuprate conjugate addition reactions. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3281-3283.	1.8	9
25	Water-soluble and UV traceable isatoic anhydride-based reagents for bioconjugation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9599-9602.	2.8	9
26	$\pi$ -Complexes from acyl cyanides and lithium dimethylcuprate(i). <i>Chemical Communications</i> , 2013, 49, 3010.	4.1	8
27	Cyclic Alkenenitriles: Copper-Catalyzed Deconjugative $\alpha$ -Alkylation. <i>Journal of Organic Chemistry</i> , 2016, 81, 4098-4102.	3.2	8
28	Water-Soluble Isatoic Anhydrides: A Platform for RNA-SHAPE Analysis and Protein Bioconjugation. <i>Bioconjugate Chemistry</i> , 2018, 29, 3196-3202.	3.6	8
29	First X-ray Crystal Structure and Internal Reference Diffusion-Ordered NMR Spectroscopy Study of the Prototypical Posner Reagent, $\text{MeCu}(\text{SPh})\text{Li}(\text{THF})_3$ . <i>Chemistry - A European Journal</i> , 2013, 19, 10138-10141.	3.3	6
30	The X-ray Crystal Structure of a Cuprate-Carbonyl Complex. <i>Angewandte Chemie</i> , 2013, 125, 10440-10442.	2.0	6
31	Innately Water-Soluble Isatoic Anhydrides with Modulated Reactivities for RNA SHAPE Analysis. <i>Bioconjugate Chemistry</i> , 2020, 31, 884-888.	3.6	4
32	Tetrakis(4-tert-butylbenzyl)silane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2442-o2442.	0.2	1
33	Re-evaluation of Organocuprate Reactivity: Logarithmic Reactivity Profiles for Iodo- versus Cyano-Gilman Reagents in the Reactions of Organocuprates with 2-Cyclohexenone and lodocyclohexane. , 1999, 5, 2680.		1