

# Craig A Bell

## List of Publications by Citations

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44  
papers

1,467  
citations

20  
h-index

38  
g-index

47  
ext. papers

1,631  
ext. citations

7  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
44	Effect of Cu(0) Particle Size on the Kinetics of SET-LRP in DMSO and Cu-Mediated Radical Polymerization in MeCN at 25 °C. <i>Macromolecules</i> , <b>2008</b> , 41, 8365-8371	5.5	179
43	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC Click Reactions. <i>Macromolecules</i> , <b>2010</b> , 43, 3331-3339	5.5	135
42	Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using Click Chemistry Catalyzed by Copper Wire. <i>Macromolecules</i> , <b>2008</b> , 41, 1057-1060	5.5	124
41	Rapid, Selective, and Reversible Nitroxide Radical Coupling (NRC) Reactions at Ambient Temperature. <i>Macromolecules</i> , <b>2009</b> , 42, 8218-8227	5.5	118
40	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. <i>Macromolecules</i> , <b>2008</b> , 41, 76-86	5.5	89
39	Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the Click Reaction. <i>Macromolecules</i> , <b>2007</b> , 40, 7056-7059	5.5	65
38	A rapid electrochemical method for determining rate coefficients for copper-catalyzed polymerizations. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11944-7	16.4	61
37	Functional Degradable Polymers by Xanthate-Mediated Polymerization. <i>Macromolecules</i> , <b>2014</b> , 47, 2847-2852	5.8	58
36	Functional Degradable Polymers by Radical Ring-Opening Copolymerization of MDO and Vinyl Bromobutanoate: Synthesis, Degradability and Post-Polymerization Modification. <i>Biomacromolecules</i> , <b>2015</b> , 16, 2049-58	6.9	51
35	Divergent synthesis and self-assembly of amphiphilic polymeric dendrons with selective degradable linkages. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 1533-1547	2.5	50
34	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. <i>Macromolecules</i> , <b>2011</b> , 44, 1747-1751	5.5	48
33	Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. <i>Advanced Materials</i> , <b>2006</b> , 18, 582-586	24	46
32	Controlling the synthesis of degradable vinyl polymers by xanthate-mediated polymerization. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 7447-7454	4.9	41
31	Modulating Two Copper(I)-Catalyzed Orthogonal Click Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 °C. <i>Macromolecules</i> , <b>2011</b> , 44, 4814-4827	5.5	38
30	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 2214-2223	2.5	35
29	Directing the pathway of orthogonal 'click' reactions by modulating copper-catalytic activity. <i>Chemical Communications</i> , <b>2011</b> , 47, 4165-7	5.8	32
28	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. <i>Australian Journal of Chemistry</i> , <b>2010</b> , 63, 1227	1.2	30

27	Independent Control of Elastomer Properties through Stereocontrolled Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13076-13080	16.4	29
26	Outer-sphere electron transfer metal-catalyzed polymerization of styrene using a macrobicyclic ligand. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 146-154	2.5	27
25	Copper(II) complexes of a hexadentate mixed-donor N3S3 macrobicyclic cage: facile rearrangements and interconversions. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 3166-75	4.8	26
24	Person-Specific Biomolecular Coronas Modulate Nanoparticle Interactions with Immune Cells in Human Blood. <i>ACS Nano</i> , <b>2020</b> , 14, 15723-15737	16.7	20
23	Poly(2-oxazoline) macromonomers as building blocks for functional and biocompatible polymer architectures. <i>European Polymer Journal</i> , <b>2019</b> , 121, 109258	5.2	18
22	Tuning of the Aggregation Behavior of Fluorinated Polymeric Nanoparticles for Improved Therapeutic Efficacy. <i>ACS Nano</i> , <b>2020</b> , 14, 7425-7434	16.7	18
21	EphA3 Pay-Loaded Antibody Therapeutics for the Treatment of Glioblastoma. <i>Cancers</i> , <b>2018</b> , 10,	6.6	14
20	Modulating catalytic activity of polymer-based CuAAC "click" reactions. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 4539-4548	2.5	12
19	Synthesis of degradable poly( $\epsilon$ -caprolactone)-based graft copolymers via a "grafting-from" approach. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 7126-7134	4.9	11
18	Degradative chain transfer in vinyl acetate polymerizations using toluene as solvent. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 3620-3625	2.5	11
17	Hyperbranched Poly(2-oxazoline)s and Poly(ethylene glycol): A Structure-Activity Comparison of Biodistribution. <i>Biomacromolecules</i> , <b>2020</b> , 21, 3318-3331	6.9	11
16	Understanding the role of colon-specific microparticles based on retrograded starch/pectin in the delivery of chitosan nanoparticles along the gastrointestinal tract. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 158, 371-378	5.7	11
15	Targeted and modular architectural polymers employing bioorthogonal chemistry for quantitative therapeutic delivery. <i>Chemical Science</i> , <b>2020</b> , 11, 3268-3280	9.4	10
14	Controlling the Biological Fate of Micellar Nanoparticles: Balancing Stealth and Targeting. <i>ACS Nano</i> , <b>2020</b> , 14, 13739-13753	16.7	10
13	Concomitant control of mechanical properties and degradation in resorbable elastomer-like materials using stereochemistry and stoichiometry for soft tissue engineering. <i>Nature Communications</i> , <b>2021</b> , 12, 446	17.4	8
12	Polymer design and component selection contribute to uptake, distribution & trafficking behaviours of polyethylene glycol hyperbranched polymers in live MDA-MB-468 breast cancer cells. <i>Biomaterials Science</i> , <b>2019</b> , 7, 4661-4674	7.4	7
11	Oral Delivery of Multicompartment Nanomedicines for Colorectal Cancer Therapeutics: Combining Loco-Regional Delivery with Cell-Target Specificity. <i>Advanced Therapeutics</i> , <b>2020</b> , 3, 1900171	4.9	6
10	Methyl acrylate polymerizations in the presence of a copper/N3S3 macrobicyclic cage in DMSO at 25 °C. <i>Polymer Chemistry</i> , <b>2010</b> , 1, 207-212	4.9	5

9	Poly(2-ethyl-2-oxazoline) bottlebrushes: How nanomaterial dimensions can influence biological interactions. <i>European Polymer Journal</i> , <b>2021</b> , 151, 110447	5.2	4
8	Independent Control of Elastomer Properties through Stereocontrolled Synthesis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13270-13274	3.6	3
7	Curcumin Chemoprevention Reduces the Incidence of Braf Mutant Colorectal Cancer in a Preclinical Study. <i>Digestive Diseases and Sciences</i> , <b>2021</b> , 66, 4326-4332	4	3
6	Fluorophore Selection and Incorporation Contribute to Permeation and Distribution Behaviors of Hyperbranched Polymers in Multi-Cellular Tumor Spheroids and Xenograft Tumor Models.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2675-2685	4.1	2
5	Thermally-induced hyperbranching of bromine-containing polyesters by insertion of generated chain-end carbenes. <i>Chemical Communications</i> , <b>2021</b> , 57, 4275-4278	5.8	1
4	Optimisation of alendronate conjugation to polyethylene glycol for functionalisation of biopolymers and nanoparticles. <i>European Polymer Journal</i> , <b>2021</b> , 110571	5.2	0
3	Understanding nanomedicine treatment in an aggressive spontaneous brain cancer model at the stage of early blood brain barrier disruption.. <i>Biomaterials</i> , <b>2022</b> , 283, 121416	15.6	0
2	Hyperbranched Polymers as Nanocarriers <b>2018</b> , 1-27		
1	Effect of Chain-End Chemistries on the Efficiency of Coupling Antibodies to Polymers Using Unnatural Amino Acids. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e2000294	4.8	