

Craig A Bell

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6695609/craig-a-bell-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Understanding nanomedicine treatment in an aggressive spontaneous brain cancer model at the stage of early blood brain barrier disruption.. <i>Biomaterials</i> , 2022 , 283, 121416	15.6	0
43	Poly(2-ethyl-2-oxazoline) bottlebrushes: How nanomaterial dimensions can influence biological interactions. <i>European Polymer Journal</i> , 2021 , 151, 110447	5.2	4
42	Optimisation of alendronate conjugation to polyethylene glycol for functionalisation of biopolymers and nanoparticles. <i>European Polymer Journal</i> , 2021 , 110571	5.2	0
41	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> , 2021 , 158, 371-378	5.7	11
40	Concomitant control of mechanical properties and degradation in resorbable elastomer-like materials using stereochemistry and stoichiometry for soft tissue engineering. <i>Nature Communications</i> , 2021 , 12, 446	17.4	8
39	Thermally-induced hyperbranching of bromine-containing polyesters by insertion of generated chain-end carbenes. <i>Chemical Communications</i> , 2021 , 57, 4275-4278	5.8	1
38	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> , 2021 , 4, 2675-2685	4.1	2
37	Curcumin Chemoprevention Reduces the Incidence of Braf Mutant Colorectal Cancer in a Preclinical Study. <i>Digestive Diseases and Sciences</i> , 2021 , 66, 4326-4332	4	3
36	Tuning of the Aggregation Behavior of Fluorinated Polymeric Nanoparticles for Improved Therapeutic Efficacy. <i>ACS Nano</i> , 2020 , 14, 7425-7434	16.7	18
35	Targeted and modular architectural polymers employing bioorthogonal chemistry for quantitative therapeutic delivery. <i>Chemical Science</i> , 2020 , 11, 3268-3280	9.4	10
34	Oral Delivery of Multicompartment Nanomedicines for Colorectal Cancer Therapeutics: Combining Loco-Regional Delivery with Cell-Target Specificity. <i>Advanced Therapeutics</i> , 2020 , 3, 1900171	4.9	6
33	Hyperbranched Poly(2-oxazoline)s and Poly(ethylene glycol): A Structure-Activity Comparison of Biodistribution. <i>Biomacromolecules</i> , 2020 , 21, 3318-3331	6.9	11
32	Person-Specific Biomolecular Coronas Modulate Nanoparticle Interactions with Immune Cells in Human Blood. <i>ACS Nano</i> , 2020 , 14, 15723-15737	16.7	20
31	Effect of Chain-End Chemistries on the Efficiency of Coupling Antibodies to Polymers Using Unnatural Amino Acids. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000294	4.8	
30	Controlling the Biological Fate of Micellar Nanoparticles: Balancing Stealth and Targeting. <i>ACS Nano</i> , 2020 , 14, 13739-13753	16.7	10
29	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> , 2019 , 7, 4661-4674	7.4	7
28	Poly(2-oxazoline) macromonomers as building blocks for functional and biocompatible polymer architectures. <i>European Polymer Journal</i> , 2019 , 121, 109258	5.2	18

27	Hyperbranched Polymers as Nanocarriers 2018 , 1-27		
26	EphA3 Pay-Loaded Antibody Therapeutics for the Treatment of Glioblastoma. <i>Cancers</i> , 2018 , 10,	6.6	14
25	Independent Control of Elastomer Properties through Stereocontrolled Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13076-13080	16.4	29
24	Synthesis of degradable poly(ϵ -caprolactone)-based graft copolymers via a "grafting-from" approach. <i>Polymer Chemistry</i> , 2016 , 7, 7126-7134	4.9	11
23	Independent Control of Elastomer Properties through Stereocontrolled Synthesis. <i>Angewandte Chemie</i> , 2016 , 128, 13270-13274	3.6	3
22	Controlling the synthesis of degradable vinyl polymers by xanthate-mediated polymerization. <i>Polymer Chemistry</i> , 2015 , 6, 7447-7454	4.9	41
21	Functional Degradable Polymers by Radical Ring-Opening Copolymerization of MDO and Vinyl Bromobutanoate: Synthesis, Degradability and Post-Polymerization Modification. <i>Biomacromolecules</i> , 2015 , 16, 2049-58	6.9	51
20	Functional Degradable Polymers by Xanthate-Mediated Polymerization. <i>Macromolecules</i> , 2014 , 47, 2847-2852	5.5	58
19	Rapid and Highly Efficient Functionalization of Polymer Bromide End-Groups by SET-NRC. <i>Macromolecules</i> , 2011 , 44, 1747-1751	5.5	48
18	Modulating Two Copper(I)-Catalyzed Orthogonal "click" Reactions for the One-Pot Synthesis of Highly Branched Polymer Architectures at 25 °C. <i>Macromolecules</i> , 2011 , 44, 4814-4827	5.5	38
17	Modulating catalytic activity of polymer-based CuAAC "click" reactions. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4539-4548	2.5	12
16	Directing the pathway of orthogonal 'click' reactions by modulating copper-catalytic activity. <i>Chemical Communications</i> , 2011 , 47, 4165-7	5.8	32
15	A rapid electrochemical method for determining rate coefficients for copper-catalyzed polymerizations. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11944-7	16.4	61
14	Strategy for Rapid and High-Purity Monocyclic Polymers by CuAAC "click" Reactions. <i>Macromolecules</i> , 2010 , 43, 3331-3339	5.5	135
13	Ultrafast and Reversible Multiblock Formation by the SET-Nitroxide Radical Coupling Reaction. <i>Australian Journal of Chemistry</i> , 2010 , 63, 1227	1.2	30
12	Methyl acrylate polymerizations in the presence of a copper/N3S3 macrobicyclic cage in DMSO at 25 °C. <i>Polymer Chemistry</i> , 2010 , 1, 207-212	4.9	5
11	Copper(II) complexes of a hexadentate mixed-donor N3S3 macrobicyclic cage: facile rearrangements and interconversions. <i>Chemistry - A European Journal</i> , 2010 , 16, 3166-75	4.8	26
10	Kinetic analysis of nitroxide radical coupling reactions mediated by CuBr. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2214-2223	2.5	35

9	Rapid, Selective, and Reversible Nitroxide Radical Coupling (NRC) Reactions at Ambient Temperature. <i>Macromolecules</i> , 2009 , 42, 8218-8227	5.5	118
8	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. <i>Macromolecules</i> , 2008 , 41, 76-86	5.5	89
7	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> , 2008 , 41, 8365-8371	5.5	179
6	Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using Click Chemistry Catalyzed by Copper Wire. <i>Macromolecules</i> , 2008 , 41, 1057-1060	5.5	124
5	Outer-sphere electron transfer metal-catalyzed polymerization of styrene using a macrobicyclic ligand. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 146-154	2.5	27
4	Divergent synthesis and self-assembly of amphiphilic polymeric dendrons with selective degradable linkages. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1533-1547	2.5	50
3	Degradative chain transfer in vinyl acetate polymerizations using toluene as solvent. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3620-3625	2.5	11
2	Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the Click Reaction. <i>Macromolecules</i> , 2007 , 40, 7056-7059	5.5	65
1	Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. <i>Advanced Materials</i> , 2006 , 18, 582-586	24	46