

# Scott Brice Campbell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6094893/publications.pdf>

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17  
papers

648  
citations

933447

10  
h-index

888059

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17  
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docs citations

17  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Polydimethylsiloxane: Alternative Materials for Fabrication of Organ-on-a-Chip Devices and Microphysiological Systems. ACS Biomaterials Science and Engineering, 2021, 7, 2880-2899.	5.2	149
2	Injectable Superparamagnets: Highly Elastic and Degradable Poly( <i>N</i> -isopropylacrylamide)-Superparamagnetic Iron Oxide Nanoparticle (SPION) Composite Hydrogels. Biomacromolecules, 2013, 14, 644-653.	5.4	107
3	Tuning Gelation Time and Morphology of Injectable Hydrogels Using Ketone-Hydrazide Cross-Linking. Biomacromolecules, 2014, 15, 781-790.	5.4	92
4	Enhanced Pulsatile Drug Release from Injectable Magnetic Hydrogels with Embedded Thermosensitive Microgels. ACS Macro Letters, 2015, 4, 312-316.	4.8	90
5	Externally Addressable Smart Drug Delivery Vehicles: Current Technologies and Future Directions. Chemistry of Materials, 2019, 31, 4971-4989.	6.7	64
6	Externally addressable hydrogel nanocomposites for biomedical applications. Current Opinion in Chemical Engineering, 2014, 4, 1-10.	7.8	42
7	Vasculature-on-a-chip platform with innate immunity enables identification of angiopoietin-1 derived peptide as a therapeutic for SARS-CoV-2 induced inflammation. Lab on A Chip, 2022, 22, 1171-1186.	6.0	27
8	Controlling the resolution and duration of pulsatile release from injectable magnetic "plum-pudding" nanocomposite hydrogels. RSC Advances, 2016, 6, 15770-15781.	3.6	15
9	Toward Renewable and Functional Biomedical Polymers with Tunable Degradation Rates Based on Itaconic Acid and 1,8-Octanediol. ACS Applied Polymer Materials, 2021, 3, 1943-1955.	4.4	13
10	Macrophage Immunomodulation Through New Polymers that Recapitulate Functional Effects of Itaconate as a Power House of Innate Immunity. Advanced Functional Materials, 2021, 31, 2003341.	14.9	12
11	Miniemulsification by catastrophic phase inversion. Chemical Engineering Journal, 2012, 183, 534-541.	12.7	11
12	Toward Hierarchical Assembly of Aligned Cell Sheets into a Conical Cardiac Ventricle Using Microfabricated Elastomers. Advanced Biology, 2022, 6, .	2.5	11
13	Fabricating Degradable Thermoresponsive Hydrogels on Multiple Length Scales via Reactive Extrusion, Microfluidics, Self-assembly, and Electrospinning. Journal of Visualized Experiments, 2018, , .	0.3	7
14	Drug Delivery: Localized and Systemic Therapeutic Strategies with Polymer Systems. Polymers and Polymeric Composites, 2019, , 1079-1134.	0.6	3
15	Drug Delivery: Polymers in the Development of Controlled Release Systems. Polymers and Polymeric Composites, 2019, , 719-747.	0.6	2
16	Drug Delivery: Polymers in the Development of Controlled Release Systems. Polymers and Polymeric Composites, 2019, , 1-29.	0.6	2
17	Drug Delivery: Localized and Systemic Therapeutic Strategies with Polymer Systems. Polymers and Polymeric Composites, 2019, , 1-56.	0.6	1