

# Christopher P Kabb

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4849428/publications.pdf>

Version: 2024-02-01

14  
papers

1,127  
citations

623734

14  
h-index

1058476

14  
g-index

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all docs

14  
docs citations

14  
times ranked

1835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture-transformable polymers: Reshaping the future of stimuli-responsive polymers. <i>Progress in Polymer Science</i> , 2019, 89, 61-75.	24.7	215
2	Self-assembled micro-organogels for 3D printing silicone structures. <i>Science Advances</i> , 2017, 3, e1602800.	10.3	195
3	Macromolecular metamorphosis via stimulus-induced transformations of polymer architecture. <i>Nature Chemistry</i> , 2017, 9, 817-823.	13.6	174
4	Photoreversible Covalent Hydrogels for Soft-Matter Additive Manufacturing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16793-16801.	8.0	105
5	Thermally-labile segmented hyperbranched copolymers: using reversible-covalent chemistry to investigate the mechanism of self-condensing vinyl copolymerization. <i>Chemical Science</i> , 2014, 5, 4646-4655.	7.4	73
6	Quantitative characterization of 3D bioprinted structural elements under cell generated forces. <i>Nature Communications</i> , 2019, 10, 3029.	12.8	73
7	Anthracene-based mechanophores for compression-activated fluorescence in polymeric networks. <i>Chemical Science</i> , 2019, 10, 7702-7708.	7.4	53
8	Polyelectrolyte scaling laws for microgel yielding near jamming. <i>Soft Matter</i> , 2018, 14, 1559-1570.	2.7	42
9	Probing the surface-localized hyperthermia of gold nanoparticles in a microwave field using polymeric thermometers. <i>Chemical Science</i> , 2015, 6, 5662-5669.	7.4	40
10	Jammed Polyelectrolyte Microgels for 3D Cell Culture Applications: Rheological Behavior with Added Salts. <i>ACS Applied Bio Materials</i> , 2019, 2, 1509-1517.	4.6	35
11	Triple responsive block copolymers combining pH-responsive, thermoresponsive, and glucose-responsive behaviors. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2309-2317.	2.3	34
12	Radical Departure: Thermally-Triggered Degradation of Azo-Containing Poly( $\beta$ -thioester)s. <i>ACS Macro Letters</i> , 2016, 5, 688-693.	4.8	32
13	Near-IR-induced dissociation of thermally-sensitive star polymers. <i>Chemical Science</i> , 2017, 8, 1815-1821.	7.4	32
14	Poly(N-(2-hydroxypropyl)methacrylamide)-valproic acid conjugates as block copolymer nanocarriers. <i>Polymer Chemistry</i> , 2017, 8, 4983-4987.	3.9	24