

Bryan P Sutherland

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

187
citations

1478505

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1372567

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all docs

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docs citations

10
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Hydrogel Networks with Dynamic Mechanical Properties to Mimic Matrix Remodeling. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101947.	7.6	12
2	Microgels Formed by Spontaneous Click Chemistries Utilizing Microfluidic Flow Focusing for Cargo Release in Response to Endogenous or Exogenous Stimuli. <i>Pharmaceutics</i> , 2022, 14, 1062.	4.5	3
3	Expanding the thiol-ene toolbox: photoinitiation and materials application of the acid-catalyzed thiol-ene (ACT) reaction. <i>Polymer Chemistry</i> , 2021, 12, 1562-1570.	3.9	9
4	On-Demand and Tunable Dual Wavelength Release of Antibodies Using Light-Responsive Hydrogels. <i>ACS Applied Bio Materials</i> , 2020, 3, 6944-6958.	4.6	13
5	One-component rapid Norrish Type II photoinitiation of bulk photo-CuAAC polymer networks. <i>Polymer Chemistry</i> , 2020, 11, 7515-7523.	3.9	7
6	Sequence-defined vinyl sulfonamide click nucleic acids (VS-CNAs) and their assembly into dynamically responsive materials. <i>Chemical Communications</i> , 2020, 56, 11263-11266.	4.1	3
7	Surface Chemical Functionalization of Wrinkled Thiol-ene Elastomers for Promoting Cellular Alignment. <i>ACS Applied Bio Materials</i> , 2020, 3, 3731-3740.	4.6	5
8	Photolabile Linkers: Exploiting Labile Bond Chemistry to Control Mode and Rate of Hydrogel Degradation and Protein Release. <i>Journal of the American Chemical Society</i> , 2020, 142, 4671-4679.	13.7	46
9	Polymers with controlled assembly and rigidity made with click-functional peptide bundles. <i>Nature</i> , 2019, 574, 658-662.	27.8	79
10	On-Resin Macrocyclization of Peptides Using Vinyl Sulfonamides as a Thiol-Michael "Click" Acceptor. <i>Bioconjugate Chemistry</i> , 2018, 29, 3987-3992.	3.6	10