

Brad J Berron

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

241
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Molecular Transport in Ultrathin Hydrogel Coatings for Cellular Immunoprotection. <i>Biomacromolecules</i> , 2015, 16, 541-549.	5.4	26
2	Coatings on mammalian cells: interfacing cells with their environment. <i>Journal of Biological Engineering</i> , 2019, 13, 5.	4.7	24
3	Protective Polymer Coatings for High-Throughput, High-Purity Cellular Isolation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17598-17602.	8.0	23
4	Sensitive Immunofluorescent Staining of Cells via Generation of Fluorescent Nanoscale Polymer Films in Response to Biorecognition. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 76-87.	2.5	22
5	Gelatin Based Polymer Cell Coating Improves Bone Marrow-Derived Cell Retention in the Heart after Myocardial Infarction. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 404-414.	5.6	18
6	Comparison of eosin and fluorescein conjugates for the photoinitiation of cell-compatible polymer coatings. <i>PLoS ONE</i> , 2018, 13, e0190880.	2.5	17
7	Hydrogel Patches on Live Cells through Surface-Mediated Polymerization. <i>Langmuir</i> , 2017, 33, 6778-6784.	3.5	16
8	The Role of Surface Receptor Density in Surface-Initiated Polymerizations for Cancer Cell Isolation. <i>Langmuir</i> , 2016, 32, 5681-5689.	3.5	14
9	A Quantitative Perspective on Surface Marker Selection for the Isolation of Functional Tumor Cells. <i>Breast Cancer: Basic and Clinical Research</i> , 2015, 9s1, BCBCR.S25461.	1.1	11
10	Polymer Cell Surface Coating Enhances Mesenchymal Stem Cell Retention and Cardiac Protection. <i>ACS Applied Bio Materials</i> , 2021, 4, 1655-1667.	4.6	11
11	Adhesive Stem Cell Coatings for Enhanced Retention in the Heart Tissue. <i>ACS Applied Bio Materials</i> , 2020, 3, 2930-2939.	4.6	10
12	CHARMM force field parameters for 2-hydroxybiphenyl-2-sulfinate, 2-hydroxybiphenyl, and related analogs. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 72, 32-42.	2.4	9
13	Interfacial Polymerization for Colorimetric Labeling of Protein Expression in Cells. <i>PLoS ONE</i> , 2014, 9, e115630.	2.5	7
14	Toward Spatiotemporally Controlled Synthesis of Photoresponsive Polymers: Computational Design of Azobenzene-Containing Monomers for Light-Mediated ROMP. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7101-7111.	2.5	7
15	In situ crosslinking of surface-initiated ring opening metathesis polymerization of polynorbornene for improved stability. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 86-94.	9.4	7
16	Cassie-Baxter Surfaces for Reversible, Barrier-Free Integration of Microfluidics and 3D Cell Culture. <i>Langmuir</i> , 2019, 35, 10299-10308.	3.5	7
17	Increased yield of gelatin coated therapeutic cells through cholesterol insertion. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 326-335.	4.0	5
18	Cell death persists in rapid extrusion of lysis-resistant coated cardiac myoblasts. <i>Bioprinting</i> , 2020, 18, e00072.	5.8	4

#	ARTICLE	IF	CITATIONS
19	Increased Retention of Cardiac Cells to a Glass Substrate through Streptavidin-Biotin Affinity. ACS Omega, 2021, 6, 17523-17530.	3.5	3