

Adam Celiz

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,796
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

3371
citing authors

#	ARTICLE	IF	CITATIONS
1	A biomechanical testing method to assess tissue adhesives for annulus closure. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 129, 105150.	3.1	1
2	Scaffold-based developmental tissue engineering strategies for ectodermal organ regeneration. <i>Materials Today Bio</i> , 2021, 10, 100107.	5.5	14
3	Tunable Cross-Linking and Adhesion of Gelatin Hydrogels via Bioorthogonal Click Chemistry. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4330-4346.	5.2	25
4	Acellular biomaterial strategies for endodontic regeneration. <i>Biomaterials Science</i> , 2019, 7, 506-519.	5.4	18
5	Synthetic Light-Curable Polymeric Materials Provide a Supportive Niche for Dental Pulp Stem Cells. <i>Advanced Materials</i> , 2018, 30, 1704486.	21.0	35
6	Hydrogel substrate stress-relaxation regulates the spreading and proliferation of mouse myoblasts. <i>Acta Biomaterialia</i> , 2017, 62, 82-90.	8.3	120
7	Tough adhesives for diverse wet surfaces. <i>Science</i> , 2017, 357, 378-381.	12.6	1,068
8	Combinatorial Biomolecular Nanopatterning for High-Throughput Screening of Stem Cell Behavior. <i>Advanced Materials</i> , 2016, 28, 1472-1476.	21.0	17
9	High throughput screening for discovery of materials that control stem cell fate. <i>Current Opinion in Solid State and Materials Science</i> , 2016, 20, 202-211.	11.5	38
10	A defined synthetic substrate for serum-free culture of human stem cell derived cardiomyocytes with improved functional maturity identified using combinatorial materials microarrays. <i>Biomaterials</i> , 2015, 61, 257-265.	11.4	47
11	Discovery of a Novel Polymer for Human Pluripotent Stem Cell Expansion and Multilineage Differentiation. <i>Advanced Materials</i> , 2015, 27, 4006-4012.	21.0	75
12	Scaling human pluripotent stem cell expansion and differentiation: are cell factories becoming a reality?. <i>Regenerative Medicine</i> , 2015, 10, 925-930.	1.7	6
13	Materials for stem cell factories of the future. <i>Nature Materials</i> , 2014, 13, 570-579.	27.5	145
14	Chemically diverse polymer microarrays and high throughput surface characterisation: a method for discovery of materials for stem cell culture. <i>Biomaterials Science</i> , 2014, 2, 1604-1611.	5.4	33
15	High throughput assessment and chemometric analysis of the interaction of epithelial and fibroblast cells with a polymer library. <i>Applied Surface Science</i> , 2014, 313, 926-935.	6.1	14
16	ToF-SIMS imaging of a polymer microarray prepared using ink-jet printing of acrylate monomers. <i>Surface and Interface Analysis</i> , 2013, 45, 202-205.	1.8	17
17	Ambient DESI and LESA-MS Analysis of Proteins Adsorbed to a Biomaterial Surface Using In-Situ Surface Tryptic Digestion. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1927-1936.	2.8	40
18	A facile route to ureidopyrimidinone-functionalized polymers via RAFT. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5833-5841.	2.3	15

#	ARTICLE	IF	CITATIONS
19	Polymer-Mediated Dispersion of Gold Nanoparticles: Using Supramolecular Moieties on the Periphery. <i>Advanced Materials</i> , 2009, 21, 3937-3940.	21.0	29
20	Controlled Ring-Opening Polymerization Initiated via Self-Complementary Hydrogen-Bonding Units. <i>Macromolecules</i> , 2008, 41, 4115-4119.	4.8	39