Adam Celiz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9368671/publications.pdf

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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	Tough adhesives for diverse wet surfaces. Science, 2017, 357, 378-381.	12.6	1,068
2	Materials for stem cell factories of the future. Nature Materials, 2014, 13, 570-579.	27.5	145
3	Hydrogel substrate stress-relaxation regulates the spreading and proliferation of mouse myoblasts. Acta Biomaterialia, 2017, 62, 82-90.	8.3	120
4	Discovery of a Novel Polymer for Human Pluripotent Stem Cell Expansion and Multilineage Differentiation. Advanced Materials, 2015, 27, 4006-4012.	21.0	75
5	A defined synthetic substrate for serum-free culture of human stem cell derived cardiomyocytes with improved functional maturity identified using combinatorial materials microarrays. Biomaterials, 2015, 61, 257-265.	11.4	47
6	Ambient DESI and LESA-MS Analysis of Proteins Adsorbed to a Biomaterial Surface Using In-Situ Surface Tryptic Digestion. Journal of the American Society for Mass Spectrometry, 2013, 24, 1927-1936.	2.8	40
7	Controlled Ring-Opening Polymerization Initiated via Self-Complementary Hydrogen-Bonding Units. Macromolecules, 2008, 41, 4115-4119.	4.8	39
8	High throughput screening for discovery of materials that control stem cell fate. Current Opinion in Solid State and Materials Science, 2016, 20, 202-211.	11.5	38
9	Synthetic Lightâ€Curable Polymeric Materials Provide a Supportive Niche for Dental Pulp Stem Cells. Advanced Materials, 2018, 30, 1704486.	21.0	35
10	Chemically diverse polymer microarrays and high throughput surface characterisation: a method for discovery of materials for stem cell culture. Biomaterials Science, 2014, 2, 1604-1611.	5.4	33
11	Polymerâ€Mediated Dispersion of Gold Nanoparticles: Using Supramolecular Moieties on the Periphery. Advanced Materials, 2009, 21, 3937-3940.	21.0	29
12	Tunable Cross-Linking and Adhesion of Gelatin Hydrogels via Bioorthogonal Click Chemistry. ACS Biomaterials Science and Engineering, 2021, 7, 4330-4346.	5.2	25
13	Acellular biomaterial strategies for endodontic regeneration. Biomaterials Science, 2019, 7, 506-519.	5.4	18
14	ToFâ€SIMS imaging of a polymer microarray prepared using inkâ€jet printing of acrylate monomers. Surface and Interface Analysis, 2013, 45, 202-205.	1.8	17
15	Combinatorial Biomolecular Nanopatterning for Highâ€Throughput Screening of Stemâ€Cell Behavior. Advanced Materials, 2016, 28, 1472-1476.	21.0	17
16	A facile route to ureidopyrimidinoneâ€functionalized polymers via RAFT. Journal of Polymer Science Part A, 2010, 48, 5833-5841.	2.3	15
17	High throughput assessment and chemometric analysis of the interaction of epithelial and fibroblast cells with a polymer library. Applied Surface Science, 2014, 313, 926-935.	6.1	14
18	Scaffold-based developmental tissue engineering strategies for ectodermal organ regeneration. Materials Today Bio, 2021, 10, 100107.	5.5	14

#	Article	IF	Citations
19	Scaling human pluripotent stem cell expansion and differentiation: are cell factories becoming a reality?. Regenerative Medicine, 2015, 10, 925-930.	1.7	6
20	A biomechanical testing method to assess tissue adhesives for annulus closure. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 129, 105150.	3.1	1