

Susanna Piluso

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

367
citations

10
h-index

18
g-index

18
ext. papers

608
ext. citations

10.3
avg, IF

4.06
L-index

#	Paper	IF	Citations
17	Printability and Shape Fidelity of Bioinks in 3D Bioprinting. <i>Chemical Reviews</i> , 2020 , 120, 11028-11055	68.1	178
16	Cytocompatible carbon nanotube reinforced polyethylene glycol composite hydrogels for tissue engineering. <i>Materials Science and Engineering C</i> , 2019 , 98, 1133-1144	8.3	30
15	Hyaluronic acid-based hydrogels crosslinked by copper-catalyzed azide-alkyne cycloaddition with tailorable mechanical properties. <i>International Journal of Artificial Organs</i> , 2011 , 34, 192-7	1.9	25
14	Mimicking the Articular Joint with In Vitro Models. <i>Trends in Biotechnology</i> , 2019 , 37, 1063-1077	15.1	20
13	Design of Decorin-Based Peptides That Bind to Collagen I and their Potential as Adhesion Moieties in Biomaterials. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10980-4	16.4	18
12	Molecularly Engineered Polymer-Based Systems in Drug Delivery and Regenerative Medicine. <i>Current Pharmaceutical Design</i> , 2017 , 23, 281-294	3.3	18
11	Hydrogel-Based Bioinks for Cell Electrowriting of Well-Organized Living Structures with Micrometer-Scale Resolution. <i>Biomacromolecules</i> , 2021 , 22, 855-866	6.9	15
10	Rapid and cytocompatible cell-laden silk hydrogel formation riboflavin-mediated crosslinking. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9566-9575	7.3	14
9	Sequential alkyne-azide cycloadditions for functionalized gelatin hydrogel formation. <i>European Polymer Journal</i> , 2018 , 100, 77-85	5.2	13
8	Site-specific, covalent incorporation of Tus, a DNA-binding protein, on ionic-complementary self-assembling peptide hydrogels using transpeptidase Sortase A as a conjugation tool. Dedicated to the memory of Joachim H. G. Steinke. Electronic supplementary information (ESI) available: Further experimental data. See DOI: 10.1039/c3sm00131h Click here for additional data file. <i>Soft Matter</i> , 2013 , 9, 1022-1028	3.6	12
7	Engineered Three-Dimensional Microenvironments with Starch Nanocrystals as Cell-Instructive Materials. <i>Biomacromolecules</i> , 2019 , 20, 3819-3830	6.9	10
6	Enzymatic action as switch of bulk to surface degradation of clicked gelatin-based networks. <i>Polymers for Advanced Technologies</i> , 2017 , 28, 1318-1324	3.2	7
5	3D bioprinting of molecularly engineered PEG-based hydrogels utilizing gelatin fragments. <i>Biofabrication</i> , 2021 , 13,	10.5	3
4	The Importance of Interfaces in Multi-Material Biofabricated Tissue Structures. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2101021	10.1	3
3	Synthesis and Characterization of Gelatin Fragments Obtained by Controlled Degradation. <i>Macromolecular Symposia</i> , 2011 , 309-310, 199-204	0.8	1
2	Comparison of and Toxicity of Bupivacaine in Musculoskeletal Applications.. <i>Frontiers in Pain Research</i> , 2021 , 2, 723883	1.4	0
1	Biomimetic Materials 2017 , 189-213		

