

Christina M Tringides

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.

22
papers

12,745
citations

18
h-index

24
g-index

24
ext. papers

15,217
ext. citations

21.2
avg, IF

6.95
L-index

#	Paper	IF	Citations
22	Alginate: properties and biomedical applications. <i>Progress in Polymer Science</i> , 2012 , 37, 106-126	29.6	4151
21	Highly stretchable and tough hydrogels. <i>Nature</i> , 2012 , 489, 133-6	50.4	3109
20	Alginate hydrogels as synthetic extracellular matrix materials. <i>Biomaterials</i> , 1999 , 20, 45-53	15.6	1800
19	Hydrogels with tunable stress relaxation regulate stem cell fate and activity. <i>Nature Materials</i> , 2016 , 15, 326-34	27	1153
18	Extracellular matrix stiffness and composition jointly regulate the induction of malignant phenotypes in mammary epithelium. <i>Nature Materials</i> , 2014 , 13, 970-8	27	515
17	Substrate stress relaxation regulates cell spreading. <i>Nature Communications</i> , 2015 , 6, 6364	17.4	485
16	Multifunctional fibers for simultaneous optical, electrical and chemical interrogation of neural circuits in vivo. <i>Nature Biotechnology</i> , 2015 , 33, 277-84	44.5	396
15	Effects of extracellular matrix viscoelasticity on cellular behaviour. <i>Nature</i> , 2020 , 584, 535-546	50.4	362
14	Biomaterial-assisted targeted modulation of immune cells in cancer treatment. <i>Nature Materials</i> , 2018 , 17, 761-772	27	226
13	Comparison of biomaterial delivery vehicles for improving acute retention of stem cells in the infarcted heart. <i>Biomaterials</i> , 2014 , 35, 6850-6858	15.6	119
12	Biomaterials functionalized with MSC secreted extracellular vesicles and soluble factors for tissue regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 1909125	15.6	78
11	Programmable microencapsulation for enhanced mesenchymal stem cell persistence and immunomodulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15392-15397	11.5	73
10	Injectable, Pore-Forming Hydrogels for In Vivo Enrichment of Immature Dendritic Cells. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2677-87	10.1	61
9	Multicomponent Injectable Hydrogels for Antigen-Specific Tolerogenic Immune Modulation. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600773	10.1	54
8	Metabolic labeling and targeted modulation of dendritic cells. <i>Nature Materials</i> , 2020 , 19, 1244-1252	27	41
7	Switchable Release of Entrapped Nanoparticles from Alginate Hydrogels. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1634-1639	10.1	40
6	Microstructured thin-film electrode technology enables proof of concept of scalable, soft auditory brainstem implants. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	31

5	Viscoelastic surface electrode arrays to interface with viscoelastic tissues. <i>Nature Nanotechnology</i> , 2021 , 16, 1019-1029	28.7	27
4	Engineering reversible elasticity in ductile and brittle thin films supported by a plastic foil. <i>Extreme Mechanics Letters</i> , 2017 , 15, 63-69	3.9	18
3	Materials for implantable surface electrode arrays: current status and future directions. <i>Advanced Materials</i> , 2021 , e2107207	24	4
2	Biomimetic versus sintered macroporous calcium phosphate scaffolds enhanced bone regeneration and human mesenchymal stromal cell engraftment in calvarial defects. <i>Acta Biomaterialia</i> , 2021 , 135, 689-704	10.8	1
1	Mechanical Checkpoint Regulates Monocyte Differentiation in Fibrotic Matrix. <i>Blood</i> , 2021 , 138, 2539-2549	22.9	0