

Christina M Tringides

List of Publications by Year in Descending Order

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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 | Mechanical Checkpoint Regulates Monocyte Differentiation in Fibrotic Matrix. <i>Blood</i> , 2021 , 138, 2539-2539 | 22.9 | 0 |
| 21 | Materials for implantable surface electrode arrays: current status and future directions. <i>Advanced Materials</i> , 2021 , e2107207 | 24 | 4 |
| 20 | Viscoelastic surface electrode arrays to interface with viscoelastic tissues. <i>Nature Nanotechnology</i> , 2021 , 16, 1019-1029 | 28.7 | 27 |
| 19 | 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 |
| 18 | Metabolic labeling and targeted modulation of dendritic cells. <i>Nature Materials</i> , 2020 , 19, 1244-1252 | 27 | 41 |
| 17 | Biomaterials functionalized with MSC secreted extracellular vesicles and soluble factors for tissue regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 1909125 | 15.6 | 78 |
| 16 | Effects of extracellular matrix viscoelasticity on cellular behaviour. <i>Nature</i> , 2020 , 584, 535-546 | 50.4 | 362 |
| 15 | 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 |
| 14 | 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 |
| 13 | Biomaterial-assisted targeted modulation of immune cells in cancer treatment. <i>Nature Materials</i> , 2018 , 17, 761-772 | 27 | 226 |
| 12 | Multicomponent Injectable Hydrogels for Antigen-Specific Tolerogenic Immune Modulation. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600773 | 10.1 | 54 |
| 11 | 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 |
| 10 | Hydrogels with tunable stress relaxation regulate stem cell fate and activity. <i>Nature Materials</i> , 2016 , 15, 326-34 | 27 | 1153 |
| 9 | 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 |
| 8 | Switchable Release of Entrapped Nanoparticles from Alginate Hydrogels. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1634-1639 | 10.1 | 40 |
| 7 | Injectable, Pore-Forming Hydrogels for In Vivo Enrichment of Immature Dendritic Cells. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2677-87 | 10.1 | 61 |
| 6 | Substrate stress relaxation regulates cell spreading. <i>Nature Communications</i> , 2015 , 6, 6364 | 17.4 | 485 |

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| 5 | 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 |
| 4 | 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 |
| 3 | Alginate: properties and biomedical applications. <i>Progress in Polymer Science</i> , 2012 , 37, 106-126 | 29.6 | 4151 |
| 2 | Highly stretchable and tough hydrogels. <i>Nature</i> , 2012 , 489, 133-6 | 50.4 | 3109 |
| 1 | Alginate hydrogels as synthetic extracellular matrix materials. <i>Biomaterials</i> , 1999 , 20, 45-53 | 15.6 | 1800 |