

Bo Ri Seo

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.

20
papers

968
citations

15
h-index

22
g-index

22
ext. papers

1,275
ext. citations

15.4
avg, IF

4.41
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 20 | Skeletal muscle regeneration with robotic actuation-mediated clearance of neutrophils. <i>Science Translational Medicine</i> , 2021 , 13, eabe8868 | 17.5 | 7 |
| 19 | Contractility, focal adhesion orientation, and stress fiber orientation drive cancer cell polarity and migration along wavy ECM substrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 8 |
| 18 | Viscoelastic surface electrode arrays to interface with viscoelastic tissues. <i>Nature Nanotechnology</i> , 2021 , 16, 1019-1029 | 28.7 | 27 |
| 17 | Generation of the Compression-induced Dedifferentiated Adipocytes (CiDAs) Using Hypertonic Medium. <i>Bio-protocol</i> , 2021 , 11, e3920 | 0.9 | 1 |
| 16 | Collagen microarchitecture mechanically controls myofibroblast differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11387-11398 | 11.5 | 58 |
| 15 | Compression-induced dedifferentiation of adipocytes promotes tumor progression. <i>Science Advances</i> , 2020 , 6, eaax5611 | 14.3 | 24 |
| 14 | Biomaterial-based scaffold for in situ chemo-immunotherapy to treat poorly immunogenic tumors. <i>Nature Communications</i> , 2020 , 11, 5696 | 17.4 | 32 |
| 13 | Macroscale biomaterials strategies for local immunomodulation. <i>Nature Reviews Materials</i> , 2019 , 4, 379-393 | 39.7 | 102 |
| 12 | Treating ischemia via recruitment of antigen-specific T cells. <i>Science Advances</i> , 2019 , 5, eaav6313 | 14.3 | 17 |
| 11 | Force Control of Textile-Based Soft Wearable Robots for Mechanotherapy 2018 , | | 12 |
| 10 | Multiscale characterization of the mineral phase at skeletal sites of breast cancer metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10542-10547 | 11.5 | 41 |
| 9 | Timed Delivery of Therapy Enhances Functional Muscle Regeneration. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700202 | 10.1 | 3 |
| 8 | Influencing the Tumor Microenvironment: A Phase II Study of Copper Depletion Using Tetrathiomolybdate in Patients with Breast Cancer at High Risk for Recurrence and in Preclinical Models of Lung Metastases. <i>Clinical Cancer Research</i> , 2017 , 23, 666-676 | 12.9 | 92 |
| 7 | Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. <i>Matrix Biology</i> , 2017 , 60-61, 86-95 | 11.4 | 56 |
| 6 | Fibronectin Mechanobiology Regulates Tumorigenesis. <i>Cellular and Molecular Bioengineering</i> , 2016 , 9, 1-11 | 3.9 | 50 |
| 5 | Collagen I hydrogel microstructure and composition conjointly regulate vascular network formation. <i>Acta Biomaterialia</i> , 2016 , 44, 200-8 | 10.8 | 35 |
| 4 | Stiffening and unfolding of early deposited-fibronectin increase proangiogenic factor secretion by breast cancer-associated stromal cells. <i>Biomaterials</i> , 2015 , 54, 63-71 | 15.6 | 56 |

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| 3 | Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. <i>Science Translational Medicine</i> , 2015 , 7, 301ra130 | 17.5 | 175 |
| 2 | In vitro models of tumor vessels and matrix: engineering approaches to investigate transport limitations and drug delivery in cancer. <i>Advanced Drug Delivery Reviews</i> , 2014 , 69-70, 205-216 | 18.5 | 55 |
| 1 | Implanted adipose progenitor cells as physicochemical regulators of breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9786-91 | 11.5 | 116 |