

Bo Ri Seo

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.

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	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. <i>Science Translational Medicine</i> , 2015 , 7, 301ra130	17.5	175
19	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
18	Macroscale biomaterials strategies for local immunomodulation. <i>Nature Reviews Materials</i> , 2019 , 4, 379-393	39.3	102
17	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
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	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
14	Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. <i>Matrix Biology</i> , 2017 , 60-61, 86-95	11.4	56
13	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
12	Fibronectin Mechanobiology Regulates Tumorigenesis. <i>Cellular and Molecular Bioengineering</i> , 2016 , 9, 1-11	3.9	50
11	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
10	Collagen I hydrogel microstructure and composition conjointly regulate vascular network formation. <i>Acta Biomaterialia</i> , 2016 , 44, 200-8	10.8	35
9	Biomaterial-based scaffold for in situ chemo-immunotherapy to treat poorly immunogenic tumors. <i>Nature Communications</i> , 2020 , 11, 5696	17.4	32
8	Viscoelastic surface electrode arrays to interface with viscoelastic tissues. <i>Nature Nanotechnology</i> , 2021 , 16, 1019-1029	28.7	27
7	Compression-induced dedifferentiation of adipocytes promotes tumor progression. <i>Science Advances</i> , 2020 , 6, eaax5611	14.3	24
6	Treating ischemia via recruitment of antigen-specific T cells. <i>Science Advances</i> , 2019 , 5, eaav6313	14.3	17
5	Force Control of Textile-Based Soft Wearable Robots for Mechanotherapy 2018 ,		12
4	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

3	Skeletal muscle regeneration with robotic actuation-mediated clearance of neutrophils. <i>Science Translational Medicine</i> , 2021 , 13, eabe8868	17.5	7
2	Timed Delivery of Therapy Enhances Functional Muscle Regeneration. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700202	10.1	3
1	Generation of the Compression-induced Dedifferentiated Adipocytes (CiDAs) Using Hypertonic Medium. <i>Bio-protocol</i> , 2021 , 11, e3920	0.9	1