

Bo Ri Seo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,628
citations

471509

17
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2760
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune-responsive biodegradable scaffolds for enhancing neutrophil regeneration. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	2
2	Recent and Future Strategies of Mechanotherapy for Tissue Regenerative Rehabilitation. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4639-4642.	5.2	9
3	Generation of the Compression-induced Dedifferentiated Adipocytes (CiDAs) Using Hypertonic Medium. <i>Bio-protocol</i> , 2021, 11, e3920.	0.4	3
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, .	7.1	39
5	Viscoelastic surface electrode arrays to interface with viscoelastic tissues. <i>Nature Nanotechnology</i> , 2021, 16, 1019-1029.	31.5	144
6	Skeletal muscle regeneration with robotic actuation-mediated clearance of neutrophils. <i>Science Translational Medicine</i> , 2021, 13, eabe8868.	12.4	42
7	Biomaterial-based scaffold for in situ chemo-immunotherapy to treat poorly immunogenic tumors. <i>Nature Communications</i> , 2020, 11, 5696.	12.8	99
8	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.	7.1	127
9	Compression-induced dedifferentiation of adipocytes promotes tumor progression. <i>Science Advances</i> , 2020, 6, eaax5611.	10.3	53
10	Treating ischemia via recruitment of antigen-specific T cells. <i>Science Advances</i> , 2019, 5, eaav6313.	10.3	26
11	Macroscale biomaterials strategies for local immunomodulation. <i>Nature Reviews Materials</i> , 2019, 4, 379-397.	48.7	172
12	Force Control of Textile-Based Soft Wearable Robots for Mechanotherapy. , 2018, , .		21
13	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.	7.1	55
14	Timed Delivery of Therapy Enhances Functional Muscle Regeneration. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700202.	7.6	6
15	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.	7.0	140
16	Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. <i>Matrix Biology</i> , 2017, 60-61, 86-95.	3.6	75
17	Collagen I hydrogel microstructure and composition conjointly regulate vascular network formation. <i>Acta Biomaterialia</i> , 2016, 44, 200-208.	8.3	45
18	Fibronectin Mechanobiology Regulates Tumorigenesis. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 1-11.	2.1	57

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19	Stiffening and unfolding of early deposited-fibronectin increase proangiogenic factor secretion by breast cancer-associated stromal cells. <i>Biomaterials</i> , 2015, 54, 63-71.	11.4	67
20	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. <i>Science Translational Medicine</i> , 2015, 7, 301ra130.	12.4	252
21	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.	13.7	60
22	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, 9786-9791.	7.1	134