

Karin Wang

List of Publications by Year in descending order

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15
papers

1,472
citations

567281

15
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2517
citing authors

#	ARTICLE	IF	CITATIONS
1	Antithrombogenic property of bone marrow mesenchymal stem cells in nanofibrous vascular grafts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11915-11920.	7.1	360
2	Obesity-dependent changes in interstitial ECM mechanics promote breast tumorigenesis. Science Translational Medicine, 2015, 7, 301ra130.	12.4	252
3	Collagen microarchitecture mechanically controls myofibroblast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11387-11398.	7.1	127
4	Fibronectin in development and wound healing. Advanced Drug Delivery Reviews, 2021, 170, 353-368.	13.7	123
5	3D conducting polymer platforms for electrical control of protein conformation and cellular functions. Journal of Materials Chemistry B, 2015, 3, 5040-5048.	5.8	116
6	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. Nature Biomedical Engineering, 2020, 4, 1076-1089.	22.5	80
7	Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. Matrix Biology, 2017, 60-61, 86-95.	3.6	75
8	Stiffening and unfolding of early deposited-fibronectin increase proangiogenic factor secretion by breast cancer-associated stromal cells. Biomaterials, 2015, 54, 63-71.	11.4	67
9	Fibronectin Mechanobiology Regulates Tumorigenesis. Cellular and Molecular Bioengineering, 2016, 9, 1-11.	2.1	57
10	Rational Design of Bisphosphonate Lipid-like Materials for mRNA Delivery to the Bone Microenvironment. Journal of the American Chemical Society, 2022, 144, 9926-9937.	13.7	46
11	Unjamming and collective migration in MCF10A breast cancer cell lines. Biochemical and Biophysical Research Communications, 2020, 521, 706-715.	2.1	42
12	Pathologic Upgrade Rates on Subsequent Excision When Lobular Carcinoma In Situ Is the Primary Diagnosis in the Needle Core Biopsy With Special Attention to the Radiographic Target. Archives of Pathology and Laboratory Medicine, 2013, 137, 927-935.	2.5	41
13	Potent in vivo lung cancer Wnt signaling inhibition via cyclodextrin-LGK974 inclusion complexes. Journal of Controlled Release, 2018, 290, 75-87.	9.9	35
14	Hydroxycholesterol substitution in ionizable lipid nanoparticles for mRNA delivery to T cells. Journal of Controlled Release, 2022, 347, 521-532.	9.9	33
15	Hidden in the mist no more: physical force in cell biology. Nature Methods, 2016, 13, 124-125.	19.0	18