

Karin A Jansen

List of Publications by Year in descending order

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8
papers

765
citations

1163117
8
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

1205
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial collagen stiffening promotes collective breast cancer cell invasion by reinforcing extracellular matrix alignment. <i>Oncogene</i> , 2022, 41, 2458-2469.	5.9	47
2	Molecular packing structure of fibrin fibers resolved by X-ray scattering and molecular modeling. <i>Soft Matter</i> , 2020, 16, 8272-8283.	2.7	13
3	The Role of Network Architecture in Collagen Mechanics. <i>Biophysical Journal</i> , 2018, 114, 2665-2678.	0.5	153
4	Buffers Strongly Modulate Fibrin Self-Assembly into Fibrous Networks. <i>Langmuir</i> , 2017, 33, 6342-6352.	3.5	45
5	Multi-scale strain-stiffening of semiflexible bundle networks. <i>Soft Matter</i> , 2016, 12, 2145-2156.	2.7	72
6	A guide to mechanobiology: Where biology and physics meet. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3043-3052.	4.1	248
7	Cells Actively Stiffen Fibrin Networks by Generating Contractile Stress. <i>Biophysical Journal</i> , 2013, 105, 2240-2251.	0.5	146
8	The specificity of the interaction between α -B-crystallin and desmin filaments and its impact on filament aggregation and cell viability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120375.	4.0	40