

Jorge Barrasa Fano

List of Publications by Year in descending order

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7
papers

135
citations

1684188

5
h-index

1872680

6
g-index

9
all docs

9
docs citations

9
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave Interferometric on-chip Measurement of the Collagen Gel. , 2022, , .		0
2	Inverse method based on 3D nonlinear physically constrained minimisation in the framework of traction force microscopy. <i>Soft Matter</i> , 2021, 17, 10210-10222.	2.7	14
3	Actuation enhances patterning in human neural tube organoids. <i>Nature Communications</i> , 2021, 12, 3192.	12.8	43
4	Advanced in silico validation framework for three-dimensional traction force microscopy and application to an in vitro model of sprouting angiogenesis. <i>Acta Biomaterialia</i> , 2021, 126, 326-338.	8.3	13
5	TFMLAB: A MATLAB toolbox for 4D traction force microscopy. <i>SoftwareX</i> , 2021, 15, 100723.	2.6	22
6	Actomyosinâ€dependent invasion of endothelial sprouts in collagen. <i>Cytoskeleton</i> , 2020, 77, 261-276.	2.0	2
7	Matrix deformations around angiogenic sprouts correlate to sprout dynamics and suggest pulling activity. <i>Angiogenesis</i> , 2020, 23, 315-324.	7.2	40