

# Jorge Barrasa Fano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6534918/publications.pdf>

Version: 2024-02-01

7  
papers

135  
citations

1684188

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h-index

1872680

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g-index

9  
all docs

9  
docs citations

9  
times ranked

111  
citing authors

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