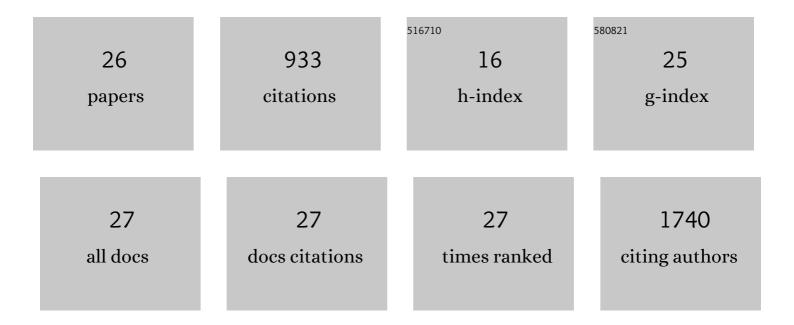
Marco Tarantola

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	Adhesion forces and cortical tension couple cell proliferation and differentiation to drive epidermal stratification. Nature Cell Biology, 2018, 20, 69-80.	10.3	207
2	Toxicity of gold-nanoparticles: Synergistic effects of shape and surface functionalization on micromotility of epithelial cells. Nanotoxicology, 2011, 5, 254-268.	3.0	139
3	Cytotoxicity of Metal and Semiconductor Nanoparticles Indicated by Cellular Micromotility. ACS Nano, 2009, 3, 213-222.	14.6	112
4	A New Approach to Assess Gold Nanoparticle Uptake by Mammalian Cells: Combining Optical Darkâ€Field and Transmission Electron Microscopy. Small, 2012, 8, 3683-3690.	10.0	63
5	Pathogenâ€Mimicking MnO Nanoparticles for Selective Activation of the TLR9 Pathway and Imaging of Cancer Cells. Advanced Functional Materials, 2009, 19, 3717-3725.	14.9	54
6	Crosstalk of cardiomyocytes and fibroblasts in co-cultures. Open Biology, 2015, 5, 150038.	3.6	47
7	Prestress and Area Compressibility of Actin Cortices Determine the Viscoelastic Response of Living Cells. Physical Review Letters, 2020, 125, 068101.	7.8	34
8	Scanning X-Ray Nanodiffraction on Dictyostelium discoideum. Biophysical Journal, 2014, 107, 2662-2673.	0.5	29
9	Adhesion of Epithelial Cells to PNIPAm Treated Surfaces for Temperature-Controlled Cell-Sheet Harvesting. ACS Applied Materials & Interfaces, 2020, 12, 33516-33529.	8.0	27
10	Cell Substratum Adhesion during Early Development of Dictyostelium discoideum. PLoS ONE, 2014, 9, e106574.	2.5	23
11	Modeling self-organized spatio-temporal patterns of PIP ₃ and PTEN during spontaneous cell polarization. Physical Biology, 2014, 11, 046002.	1.8	23
12	The effect of surface charge on nonspecific uptake and cytotoxicity of CdSe/ZnS core/shell quantum dots. Beilstein Journal of Nanotechnology, 2015, 6, 281-292.	2.8	22
13	Dynamic Changes of Acoustic Load and Complex Impedance as Reporters for the Cytotoxicity of Small Molecule Inhibitors. Chemical Research in Toxicology, 2011, 24, 1494-1506.	3.3	21
14	Shear force-based genetic screen reveals negative regulators of cell adhesion and protrusive activity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7727-E7736.	7.1	19
15	Mechanical properties of MDCK II cells exposed to gold nanorods. Beilstein Journal of Nanotechnology, 2015, 6, 223-231.	2.8	16
16	ECIS based wounding and reorganization of cardiomyocytes and fibroblasts in co-cultures. Progress in Biophysics and Molecular Biology, 2019, 144, 116-127.	2.9	16
17	Cell Adhesion to Ordered Pores: Consequences for Cellular Elasticity. Journal of Adhesion Science and Technology, 2010, 24, 2287-2300.	2.6	13
18	Noisy Oscillations in the Actin Cytoskeleton of Chemotactic Amoeba. Physical Review Letters, 2016, 117, 148102.	7.8	13

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#	Article	IF	CITATIONS
19	Adhesion strategies of <i>Dictyostelium discoideum</i> – a force spectroscopy study. Nanoscale, 2018, 10, 22504-22519.	5.6	13
20	Chemotaxis of Dictyostelium discoideum: Collective Oscillation of Cellular Contacts. PLoS ONE, 2013, 8, e54172.	2.5	10
21	Mammalian cell growth on gold nanoparticle-decorated substrates is influenced by the nanoparticle coating. Beilstein Journal of Nanotechnology, 2014, 5, 2479-2488.	2.8	8
22	Cell-substrate impedance fluctuations of single amoeboid cells encode cell-shape and adhesion dynamics. Physical Review E, 2016, 93, 012414.	2.1	7
23	How tetraspanins shape endothelial and leukocyte nano-architecture during inflammation. Biochemical Society Transactions, 2017, 45, 999-1006.	3.4	7
24	Variability and Order in Cytoskeletal Dynamics of Motile Amoeboid Cells. Physical Review Letters, 2017, 119, 148101.	7.8	6
25	Novel micropatterning technique reveals dependence of cell-substrate adhesion and migration of social amoebas on parental strain, development, and fluorescent markers. PLoS ONE, 2020, 15, e0236171.	2.5	4
26	Physics meets medicine - At the heart of active matter. Progress in Biophysics and Molecular Biology, 2019, 144, 1-2.	2.9	0