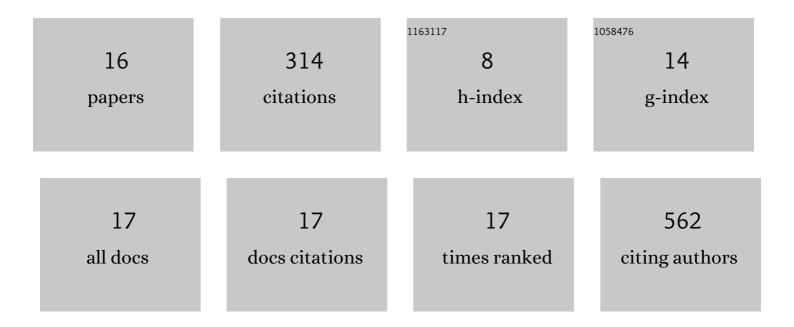
Ramin Omidvar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Quantification of nanoscale forces in lectin-mediated bacterial attachment and uptake into giant liposomes. Nanoscale, 2021, 13, 4016-4028.	5.6	10
2	The Lectin LecA Sensitizes the Human Stretch-Activated Channel TREK-1 but Not Piezo1 and Binds Selectively to Cardiac Non-myocytes. Frontiers in Physiology, 2020, 11, 457.	2.8	8
3	Differential recognition of lipid domains by two Gb3-binding lectins. Scientific Reports, 2020, 10, 9752.	3.3	18
4	<p>An AFM-Based Nanomechanical Study of Ovarian Tissues with Pathological Conditions</p> . International Journal of Nanomedicine, 2020, Volume 15, 4333-4350.	6.7	19
5	Glycan-decorated protocells: novel features for rebuilding cellular processes. Interface Focus, 2019, 9, 20180084.	3.0	21
6	GUV-AP: multifunctional FIJI-based tool for quantitative image analysis of Giant Unilamellar Vesicles. Bioinformatics, 2019, 35, 2340-2342.	4.1	7
7	Quantifying effects of cyclic stretch on cell–collagen substrate adhesiveness of vascular endothelial cells. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 531-541.	1.8	7
8	Restoring elastic properties of breast cancer cells by EGFR targeting: Atomic force microscopy measurement. , 2016, , .		0
9	Epidermal growth factor receptor targeting alters gene expression and restores the adhesion function of cancerous cells as measured by single cell force spectroscopy. Molecular and Cellular Biochemistry, 2016, 423, 129-139.	3.1	10
10	Quantification of effects of cancer on elastic properties of breast tissue by Atomic Force Microscopy. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 60, 234-242.	3.1	42
11	Regulation of Endothelial Cell Adherence and Elastic Modulus by Substrate Stiffness. Cell Communication and Adhesion, 2015, 22, 79-89.	1.0	52
12	The effect of fibronectin on structural and biological properties of single walled carbon nanotube. Applied Surface Science, 2015, 339, 85-93.	6.1	7
13	Evaluation of elastic properties of breast cancer stem-like/tumor initiating cells using Atomic Force Microscopy. , 2014, , .		4
14	Structural and functional changes of silk fibroin scaffold due to hydrolytic degradation. Journal of Applied Polymer Science, 2014, 131, .	2.6	32
15	Atomic force microscope-based single cell force spectroscopy of breast cancer cell lines: An approach for evaluating cellular invasion. Journal of Biomechanics, 2014, 47, 3373-3379.	2.1	75
16	Cancer Mutation Alters Mechanical Stiffness of Epithelial Cadherin Domains: A Molecular Dynamics Study. Journal of Computational and Theoretical Nanoscience, 2014, 11, 2228-2236.	0.4	1