

Fouzia Bano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

455
citations

8
h-index

21
g-index

22
ext. papers

512
ext. citations

8.2
avg, IF

3.01
L-index

#	Paper	IF	Citations
19	A tripartite cytolytic toxin formed by proteins with flagellum-facilitated secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
18	Membrane binding controls ordered self-assembly of animal septins. <i>ELife</i> , 2021 , 10,	8.9	9
17	How to Increase Adhesion Strength of Catechol Polymers to Wet Inorganic Surfaces. <i>Biomacromolecules</i> , 2021 , 22, 183-189	6.9	1
16	Strong Reduction of the Chain Rigidity of Hyaluronan by Selective Binding of Ca Ions. <i>Macromolecules</i> , 2021 , 54, 1137-1146	5.5	6
15	Microstructured collagen films for 3D corneal stroma modelling.. <i>Connective Tissue Research</i> , 2021 , 1-10	3.3	1
14	Impact of Antigen Density on Recognition by Monoclonal Antibodies. <i>Analytical Chemistry</i> , 2020 , 92, 5396-5403	7.8	4
13	A Method to Quantify Molecular Diffusion within Thin Solvated Polymer Films: A Case Study on Films of Natively Unfolded Nucleoporins. <i>ACS Nano</i> , 2020 , 14, 9938-9952	16.7	0
12	Membrane-containing virus particles exhibit the mechanics of a composite material for genome protection. <i>Nanoscale</i> , 2018 , 10, 7769-7779	7.7	7
11	Single-Molecule Unbinding Forces between the Polysaccharide Hyaluronan and Its Binding Proteins. <i>Biophysical Journal</i> , 2018 , 114, 2910-2922	2.9	15
10	A single molecule assay to probe monovalent and multivalent bonds between hyaluronan and its key leukocyte receptor CD44 under force. <i>Scientific Reports</i> , 2016 , 6, 34176	4.9	27
9	Interaction of Hyaluronan with Cationic Nanoparticles. <i>Langmuir</i> , 2015 , 31, 8411-20	4	4
8	Unraveling the complexity of the interactions of DNA nucleotides with gold by single molecule force spectroscopy. <i>Nanoscale</i> , 2015 , 7, 19528-33	7.7	5
7	Raman spectroscopy and laser desorption mass spectrometry for minimal destructive forensic analysis of black and color inkjet printed documents. <i>Forensic Science International</i> , 2012 , 219, 64-75	2.6	45
6	Hybridization in nanostructured DNA monolayers probed by AFM: theory versus experiment. <i>Nanoscale</i> , 2012 , 4, 1734-41	7.7	26
5	Synthesis and characterization of a carbon nanotube-dendron series for efficient siRNA delivery. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9843-8	16.4	156
4	Toward multiprotein nanoarrays using nanografting and DNA directed immobilization of proteins. <i>Nano Letters</i> , 2009 , 9, 2614-8	11.5	73
3	Quantitative study of the effect of coverage on the hybridization efficiency of surface-bound DNA nanostructures. <i>Nano Letters</i> , 2008 , 8, 4134-9	11.5	58

- 2 Mechanical stabilization effect of water on a membrane-like system. *Journal of the American Chemical Society*, **2007**, 129, 2636-41 16.4 7
- 1 Strong reduction of the chain rigidity of hyaluronan by selective binding of Ca²⁺ ions 1