

# Fouzia Bano

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7484659/fouzia-bano-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Synthesis and characterization of a carbon nanotube-dendron series for efficient siRNA delivery. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9843-8	16.4	156
18	Toward multiprotein nanoarrays using nanografting and DNA directed immobilization of proteins. <i>Nano Letters</i> , <b>2009</b> , 9, 2614-8	11.5	73
17	Quantitative study of the effect of coverage on the hybridization efficiency of surface-bound DNA nanostructures. <i>Nano Letters</i> , <b>2008</b> , 8, 4134-9	11.5	58
16	Raman spectroscopy and laser desorption mass spectrometry for minimal destructive forensic analysis of black and color inkjet printed documents. <i>Forensic Science International</i> , <b>2012</b> , 219, 64-75	2.6	45
15	A single molecule assay to probe monovalent and multivalent bonds between hyaluronan and its key leukocyte receptor CD44 under force. <i>Scientific Reports</i> , <b>2016</b> , 6, 34176	4.9	27
14	Hybridization in nanostructured DNA monolayers probed by AFM: theory versus experiment. <i>Nanoscale</i> , <b>2012</b> , 4, 1734-41	7.7	26
13	Single-Molecule Unbinding Forces between the Polysaccharide Hyaluronan and Its Binding Proteins. <i>Biophysical Journal</i> , <b>2018</b> , 114, 2910-2922	2.9	15
12	Membrane binding controls ordered self-assembly of animal septins. <i>ELife</i> , <b>2021</b> , 10,	8.9	9
11	Membrane-containing virus particles exhibit the mechanics of a composite material for genome protection. <i>Nanoscale</i> , <b>2018</b> , 10, 7769-7779	7.7	7
10	Mechanical stabilization effect of water on a membrane-like system. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2636-41	16.4	7
9	Strong Reduction of the Chain Rigidity of Hyaluronan by Selective Binding of Ca Ions. <i>Macromolecules</i> , <b>2021</b> , 54, 1137-1146	5.5	6
8	Unraveling the complexity of the interactions of DNA nucleotides with gold by single molecule force spectroscopy. <i>Nanoscale</i> , <b>2015</b> , 7, 19528-33	7.7	5
7	Interaction of Hyaluronan with Cationic Nanoparticles. <i>Langmuir</i> , <b>2015</b> , 31, 8411-20	4	4
6	Impact of Antigen Density on Recognition by Monoclonal Antibodies. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5396-5403	7.8	4
5	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> , <b>2021</b> , 118,	11.5	4
4	Strong reduction of the chain rigidity of hyaluronan by selective binding of Ca <sup>2+</sup> ions		1
3	How to Increase Adhesion Strength of Catechol Polymers to Wet Inorganic Surfaces. <i>Biomacromolecules</i> , <b>2021</b> , 22, 183-189	6.9	1

2      Microstructured collagen films for 3D corneal stroma modelling.. *Connective Tissue Research*, **2021**, 1-10 3,3      1

1      A Method to Quantify Molecular Diffusion within Thin Solvated Polymer Films: A Case Study on  
Films of Natively Unfolded Nucleoporins. *ACS Nano*, **2020**, 14, 9938-9952      16.7      0