

Fouzia Bano

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

572
citations

933410

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794568

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22
all docs

22
docs citations

22
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of a Carbon Nanotubeâ™Dendron Series for Efficient siRNA Delivery. Journal of the American Chemical Society, 2009, 131, 9843-9848.	13.7	168
2	Toward Multiprotein Nanoarrays Using Nanografting and DNA Directed Immobilization of Proteins. Nano Letters, 2009, 9, 2614-2618.	9.1	83
3	Quantitative Study of the Effect of Coverage on the Hybridization Efficiency of Surface-Bound DNA Nanostructures. Nano Letters, 2008, 8, 4134-4139.	9.1	64
4	Raman spectroscopy and laser desorption mass spectrometry for minimal destructive forensic analysis of black and color inkjet printed documents. Forensic Science International, 2012, 219, 64-75.	2.2	51
5	A single molecule assay to probe monovalent and multivalent bonds between hyaluronan and its key leukocyte receptor CD44 under force. Scientific Reports, 2016, 6, 34176.	3.3	38
6	Hybridization in nanostructured DNA monolayers probed by AFM: theory versus experiment. Nanoscale, 2012, 4, 1734.	5.6	30
7	Membrane binding controls ordered self-assembly of animal septins. ELife, 2021, 10, .	6.0	30
8	Single-Molecule Unbinding Forces between the Polysaccharide Hyaluronan and Its Binding Proteins. Biophysical Journal, 2018, 114, 2910-2922.	0.5	23
9	Membrane-containing virus particles exhibit the mechanics of a composite material for genome protection. Nanoscale, 2018, 10, 7769-7779.	5.6	12
10	Strong Reduction of the Chain Rigidity of Hyaluronan by Selective Binding of Ca ²⁺ Ions. Macromolecules, 2021, 54, 1137-1146.	4.8	12
11	A tripartite cytolytic toxin formed by <i>Vibrio cholerae</i> proteins with flagellum-facilitated secretion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
12	Mechanical Stabilization Effect of Water on a Membrane-like System. Journal of the American Chemical Society, 2007, 129, 2636-2641.	13.7	9
13	Impact of Antigen Density on Recognition by Monoclonal Antibodies. Analytical Chemistry, 2020, 92, 5396-5403.	6.5	9
14	Unraveling the complexity of the interactions of DNA nucleotides with gold by single molecule force spectroscopy. Nanoscale, 2015, 7, 19528-19533.	5.6	8
15	Interaction of Hyaluronan with Cationic Nanoparticles. Langmuir, 2015, 31, 8411-8420.	3.5	6
16	How to Increase Adhesion Strength of Catechol Polymers to Wet Inorganic Surfaces. Biomacromolecules, 2021, 22, 183-189.	5.4	5
17	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.	14.6	2
18	Microstructured collagen films for 3D corneal stroma modelling. Connective Tissue Research, 2022, 63, 443-452.	2.3	2