

Kamila SofiÅ,,ska

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

284
citations

933447

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h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Spectroscopic Markers of DNA Damage. <i>Molecules</i> , 2020, 25, 561.	3.8	29
2	Structural, topographical, and mechanical characteristics of purified polyhydroxyoctanoate polymer. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47192.	2.6	28
3	Colligative and hydrodynamic properties of aqueous solutions of pectin from cornelian cherry and commercial apple pectin. <i>Food Hydrocolloids</i> , 2019, 89, 406-415.	10.7	24
4	Molecular Spectroscopic Markers of Abnormal Protein Aggregation. <i>Molecules</i> , 2020, 25, 2498.	3.8	24
5	Evaluation of cytotoxic effect of 5-fluorouracil on human carcinoma cells in microfluidic system. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1544-1551.	7.8	23
6	Recombinant Albumin Monolayers on Latex Particles. <i>Langmuir</i> , 2014, 30, 250-258.	3.5	20
7	Monolayers of poly(amido amine) dendrimers on mica – In situ streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 232-241.	9.4	19
8	Nanoscale Hyperspectral Imaging of Amyloid Secondary Structures in Liquid. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4545-4550.	13.8	19
9	Recombinant albumin adsorption on mica studied by AFM and streaming potential measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 192-199.	5.0	17
10	Mechanism of immunoglobulin G adsorption on polystyrene microspheres. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 183-190.	5.0	12
11	Raman Research on Bleomycin-Induced DNA Strand Breaks and Repair Processes in Living Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3524.	4.1	10
12	Nanoscale Hyperspectral Imaging of Amyloid Secondary Structures in Liquid. <i>Angewandte Chemie</i> , 2021, 133, 4595-4600.	2.0	9
13	Revealing local molecular distribution, orientation, phase separation, and formation of domains in artificial lipid layers: Towards comprehensive characterization of biological membranes. <i>Advances in Colloid and Interface Science</i> , 2022, 301, 102614.	14.7	9
14	Investigation of quaternary structure of aggregating 3-ketosteroid dehydrogenase from <i>Sterolibacterium denitrificans</i> : In the pursuit of consensus of various biophysical techniques. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1027-1039.	2.4	8
15	Revealing DNA Structure at Liquid/Solid Interfaces by AFM-Based High-Resolution Imaging and Molecular Spectroscopy. <i>Molecules</i> , 2021, 26, 6476.	3.8	8
16	Spectroscopic Screening of Pancreatic Cancer. <i>Clinical Spectroscopy</i> , 2021, 3, 100016.	1.3	7
17	Increasing AFM colloidal probe accuracy by optical tweezers. <i>Scientific Reports</i> , 2021, 11, 509.	3.3	7
18	Methods for Studying Endometrial Pathology and the Potential of Atomic Force Microscopy in the Research of Endometrium. <i>Cells</i> , 2021, 10, 219.	4.1	5

#	ARTICLE	IF	CITATIONS
19	Plasmonic hot spots reveal local conformational transitions induced by DNA double-strand breaks. Scientific Reports, 2022, 12, .	3.3	3
20	Optimization of tip-enhanced Raman spectroscopy for probing the chemical structure of DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 281, 121595.	3.9	2
21	Qualitative Description of Detachment Forces for Macromolecules. Macromolecules, 2021, 54, 7377-7387.	4.8	1