

Anna Bratek-Skicki

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

612
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a new class of stimuli-responsive polymer-based materials – Recent advances and challenges. Applied Surface Science Advances, 2021, 4, 100068.	6.8	77
2	Characterization of poly(ethylene imine) layers on mica by the streaming potential and particle deposition methods. Journal of Colloid and Interface Science, 2007, 313, 86-96.	9.4	56
3	A guide to regulation of the formation of biomolecular condensates. FEBS Journal, 2020, 287, 1924-1935.	4.7	48
4	Integrating Proteins in Layer-by-Layer Assemblies Independently of their Electrical Charge. ACS Nano, 2018, 12, 8372-8381.	14.6	44
5	Mechanisms of Fibrinogen Adsorption on Latex Particles Determined by Zeta Potential and AFM Measurements. Langmuir, 2012, 28, 474-485.	3.5	42
6	Human Fibrinogen Monolayers on Latex Particles: Role of Ionic Strength. Langmuir, 2013, 29, 3700-3710.	3.5	39
7	Reversible Protein Adsorption on Mixed PEO/PAA Polymer Brushes: Role of Ionic Strength and PEO Content. Langmuir, 2018, 34, 3037-3048.	3.5	33
8	Mixed Polymer Brushes for the Selective Capture and Release of Proteins. Biomacromolecules, 2019, 20, 778-789.	5.4	33
9	Protein-polyelectrolyte complexes to improve the biological activity of proteins in layer-by-layer assemblies. Nanoscale, 2017, 9, 17186-17192.	5.6	32
10	Fibrinogen: a journey into biotechnology. Soft Matter, 2016, 12, 8639-8653.	2.7	30
11	Human Fibrinogen Adsorption on Positively Charged Latex Particles. Langmuir, 2014, 30, 11165-11174.	3.5	29
12	Cytotoxic effects in 3T3-L1 mouse and WI-38 human fibroblasts following 72hour and 7day exposures to commercial silica nanoparticles. Toxicology and Applied Pharmacology, 2012, 263, 89-101.	2.8	27
13	Mechanisms of Fibrinogen Adsorption at Solid Substrates. Current Topics in Medicinal Chemistry, 2014, 14, 702-729.	2.1	24
14	Colloid particle deposition on heterogeneous surfaces produced by polyelectrolyte adsorption. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 343, 111-117.	4.7	21
15	Tuning conformations of fibrinogen monolayers on latex particles by pH of adsorption. Colloids and Surfaces B: Biointerfaces, 2013, 103, 482-488.	5.0	17
16	Nanoparticle and Bioparticle Deposition Kinetics: Quartz Microbalance Measurements. Nanomaterials, 2021, 11, 145.	4.1	15
17	<i>In silico</i> prediction of <i>in vitro</i> protein liquid-liquid phase separation experiments outcomes with multi-head neural attention. Bioinformatics, 2021, 37, 3473-3479.	4.1	14
18	Human Fibrinogen Adsorption on Latex Particles at pH 7.4 Studied by Electrophoretic Mobility and AFM Measurements. Current Topics in Medicinal Chemistry, 2014, 14, 640-648.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Design of Ultra-Thin PEO/PDMAEMA Polymer Coatings for Tunable Protein Adsorption. <i>Polymers</i> , 2020, 12, 660.	4.5	10
20	Focusing of Microcrystals and Liquid Condensates in Acoustofluidics. <i>Crystals</i> , 2019, 9, 120.	2.2	7