

MaÅ,gorzata Nattich

List of Publications by Year in descending order

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42
papers

1,018
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430874

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1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Streaming potential studies of colloid, polyelectrolyte and protein deposition. <i>Advances in Colloid and Interface Science</i> , 2010, 153, 1-29.	14.7	136
2	Colloid particle and protein deposition – Electrokinetic studies. <i>Advances in Colloid and Interface Science</i> , 2011, 168, 3-28.	14.7	76
3	Alkali-metal promoted rhodium-on-alumina catalysts for nitrous oxide decomposition. <i>Applied Catalysis B: Environmental</i> , 2008, 77, 278-283.	20.2	74
4	Catalytic decomposition of N ₂ O. <i>Catalysis Today</i> , 2004, 90, 15-19.	4.4	66
5	Nanoemulsion-templated multilayer nanocapsules for cyanine-type photosensitizer delivery to human breast carcinoma cells. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 406-420.	4.0	55
6	Mechanisms of nanoparticle and bioparticle deposition – Kinetic aspects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 439, 3-22.	4.7	46
7	Albumin adsorption at solid substrates: A quest for a unified approach. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 769-790.	9.4	45
8	Mechanisms of Fibrinogen Adsorption on Latex Particles Determined by Zeta Potential and AFM Measurements. <i>Langmuir</i> , 2012, 28, 474-485.	3.5	42
9	Influence of purification method of Na-montmorillonite on textural properties of clay mineral composites with TiO ₂ nanoparticles. <i>Applied Clay Science</i> , 2017, 140, 75-80.	5.2	39
10	Protein adsorption mechanisms at rough surfaces: Serum albumin at a gold substrate. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 631-641.	9.4	39
11	Deposition of colloid particles on protein layers: Fibrinogen on mica. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 454-464.	9.4	27
12	Human Serum Albumin Adsorption Kinetics on Silica: Influence of Protein Solution Stability. <i>Langmuir</i> , 2019, 35, 2639-2648.	3.5	26
13	Deposition of colloid particles at heterogeneous and patterned surfaces. <i>Advances in Colloid and Interface Science</i> , 2009, 147-148, 2-17.	14.7	24
14	Magnesium and/or calcium-containing natural minerals as ecologically friendly catalysts for the Baeyer–Villiger oxidation of cyclohexanone with hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2016, 509, 52-65.	4.3	23
15	Recombinant Albumin Monolayers on Latex Particles. <i>Langmuir</i> , 2014, 30, 250-258.	3.5	20
16	Mechanism of Nanoparticle Deposition on Polystyrene Latex Particles. <i>Langmuir</i> , 2014, 30, 692-699.	3.5	20
17	Kinetics of human serum albumin adsorption at silica sensor: Unveiling dynamic hydration function. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 377-384.	5.0	20
18	Revealing properties of the KfrA plasmid protein via combined DLS, AFM and electrokinetic measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 635-641.	5.0	19

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19	Particle Assembly on Patterned Surfaces Bearing Circular (Dots) and Rectangular (Stripes) Surface Features. <i>Langmuir</i> , 2008, 24, 1756-1762.	3.5	18
20	Deposition of gold nanoparticles on mica modified by poly(allylamine hydrochloride) monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 204-210.	4.7	18
21	Probing the Ag, Au, and Cu electrode/pyridine- β -hydroxymethyl biphenyl phosphine oxide isomer interface with SERS. <i>Applied Surface Science</i> , 2015, 335, 167-183.	6.1	18
22	Formation mechanism of human serum albumin monolayers on positively charged polymer microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 929-936.	5.0	17
23	Hydrodynamic Solvation of Poly(amido amine) Dendrimer Monolayers on Silica. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17684-17695.	3.1	14
24	Monolayers of silver nanoparticles on positively charged polymer microspheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 499, 1-9.	4.7	13
25	Irreversible adsorption of latex particles on fibrinogen covered mica. <i>Adsorption</i> , 2010, 16, 259-269.	3.0	12
26	Nanoparticle and bioparticle deposition kinetics. <i>Advances in Colloid and Interface Science</i> , 2022, 302, 102630.	14.7	12
27	Fibrinogen Monolayer Characterization by Colloid Deposition. <i>Langmuir</i> , 2013, 29, 11991-12002.	3.5	11
28	Formation of hematite nanoparticle monolayers of controlled coverage and structure at polymeric microparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 509-518.	9.4	11
29	Hematite nanoparticle monolayers on mica: Characterization by colloid deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 412, 72-81.	4.7	10
30	Electrokinetics of particle covered surfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2010, 15, 175-183.	7.4	9
31	Revealing deposition mechanism of colloid particles on human serum albumin monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 176-182.	5.0	9
32	Revealing fibrinogen monolayer conformations at different pHs: Electrokinetic and colloid deposition studies. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 62-71.	9.4	8
33	QCM-D Investigations of Anisotropic Particle Deposition Kinetics: Evidences of the Hydrodynamic Slip Mechanisms. <i>Analytical Chemistry</i> , 2022, 94, 10234-10244.	6.5	8
34	Gold substrates of controlled roughness and electrokinetic properties formed by nanoparticle deposition. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6535-6543.	2.8	7
35	Adsorption kinetic of myoglobin on mica and silica – Role of electrostatic interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 198, 111436.	5.0	6
36	Myoglobin molecule charging in electrolyte solutions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26764-26775.	2.8	6

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37	Mechanisms of Fibrinogen Adsorption on Mica. ACS Symposium Series, 2012, , 97-127.	0.5	4
38	PDDA-Montmorillonite Composites Loaded with Ru Nanoparticles: Synthesis, Characterization, and Catalytic Properties in Hydrogenation of 2-Butanone. Polymers, 2018, 10, 865.	4.5	4
39	Microparticle Deposition on Human Serum Albumin Layers: Unraveling Anomalous Adsorption Mechanism. Colloids and Interfaces, 2020, 4, 51.	2.1	3
40	Formation of Myoglobin Corona at Polymer Microparticles. Colloids and Interfaces, 2021, 5, 27.	2.1	3
41	Fibrinogen Monolayers of Controlled Coverage and Conformations for Biosensing Applications. Key Engineering Materials, 2014, 605, 243-246.	0.4	0
42	Mechanism of Myoglobin Molecule Adsorption on Silica: QCM, OWLS and AFM Investigations. International Journal of Environmental Research and Public Health, 2021, 18, 4944.	2.6	0