Agata Pomorska

List of Publications by Year in descending order

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18 papers	333 citations	1040056 9 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	461 citing authors

#	Article	IF	Citations
1	Positive Frequency Shifts Observed Upon Adsorbing Micron-Sized Solid Objects to a Quartz Crystal Microbalance from the Liquid Phase. Analytical Chemistry, 2010, 82, 2237-2242.	6.5	128
2	Protein adsorption mechanisms at rough surfaces: Serum albumin at a gold substrate. Journal of Colloid and Interface Science, 2018, 530, 631-641.	9.4	39
3	Human Serum Albumin Adsorption Kinetics on Silica: Influence of Protein Solution Stability. Langmuir, 2019, 35, 2639-2648.	3.5	26
4	Kinetics of human serum albumin adsorption at silica sensor: Unveiling dynamic hydration function. Colloids and Surfaces B: Biointerfaces, 2018, 167, 377-384.	5.0	20
5	QCM study of the adsorption of polyelectrolyte covered mesoporous TiO2 nanocontainers on SAM modified Au surfaces. Journal of Colloid and Interface Science, 2011, 362, 180-187.	9.4	18
6	Hydrodynamic Solvation of Poly(amido amine) Dendrimer Monolayers on Silica. Journal of Physical Chemistry C, 2020, 124, 17684-17695.	3.1	14
7	Formation of gold nanoparticle bilayers on gold sensors. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 560, 393-401.	4.7	13
8	Effect of Zn2+ Concentration on the Adsorption of Organophosphonic Acids on Nanocrystalline ZnO Surfaces. Colloids and Interface Science Communications, 2014, 2, 11-14.	4.1	11
9	Photoactive Surfaceâ€Grafted Polymer Brushes with Phthalocyanine Bridging Groups as an Advanced Architecture for Lightâ€Harvesting. Chemistry - A European Journal, 2017, 23, 11239-11243.	3.3	11
10	Tailored conditions for controlled and fast growth of surface-grafted PNIPAM brushes. Polymer, 2016, 97, 380-386.	3.8	8
11	Polymer brushes grafted from nanostructured zinc oxide layers â€“ Spatially controlled decoration of nanorods. European Polymer Journal, 2019, 112, 186-194.	5.4	8
12	QCM-D Investigations of Anisotropic Particle Deposition Kinetics: Evidences of the Hydrodynamic Slip Mechanisms. Analytical Chemistry, 2022, 94, 10234-10244.	6.5	8
13	Adsorption and adhesion studies of PdSnâ€nanoparticles on protonated amine and carboxylic acidâ€terminated surfaces. Surface and Interface Analysis, 2016, 48, 1017-1025.	1.8	7
14	Adsorption kinetic of myoglobin on mica and silica â€“ Role of electrostatic interactions. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111436.	5.0	6
15	Effect of the Anchoring Layer and Transport Type on the Adsorption Kinetics of Lambda Carrageenan. Journal of Physical Chemistry B, 2021, 125, 7797-7808.	2.6	6
16	Organic bioelectronics: general discussion. Faraday Discussions, 2014, 174, 413-428.	3.2	5
17	Formation of Strong Polycation (Poly[(3-allylamino-2-hydroxypropyl)trimethylammonium chloride]) Monolayers on Mica, Silica, and Gold Substrates: Modeling and Experimental Studies. Journal of Physical Chemistry C, 2019, 123, 19022-19032.	3.1	5
18	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