

Dominik Kosior

List of Publications by Year in descending order

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25
papers

390
citations

949033

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times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly-L-Arginine Molecule Properties in Simple Electrolytes: Molecular Dynamic Modeling and Experiments. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3588.	1.2	10
2	Thickness of the particle-free layer near charged interfaces in suspensions of like-charged nanoparticles. <i>Soft Matter</i> , 2021, 17, 6212-6224.	1.2	4
3	Particle Deposition to Silica Surfaces Functionalized with Cationic Polyelectrolytes. <i>Colloids and Interfaces</i> , 2021, 5, 26.	0.9	1
4	Effect of dynamic adsorption layer over colliding bubble on rate of solid surface dewetting in cationic surfactant solutions. <i>Minerals Engineering</i> , 2021, 165, 106850.	1.8	2
5	Effect of initial adsorption coverage and dynamic adsorption layer formation at bubble surface in stability of single foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124446.	2.3	10
6	Structuring of colloidal silica nanoparticle suspensions near water-silica interfaces probed by specular neutron reflectivity. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6449-6456.	1.3	5
7	Formation of Poly-L-lysine Monolayers on Silica: Modeling and Experimental Studies. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4571-4581.	1.5	19
8	Kinetics of Poly-L-lysine Adsorption on Mica and Stability of Formed Monolayers: Theoretical and Experimental Studies. <i>Langmuir</i> , 2019, 35, 12042-12052.	1.6	12
9	Initial degree of detaching bubble adsorption coverage and the kinetics of dynamic adsorption layer formation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2403-2412.	1.3	22
10	Hematite/silica nanoparticle bilayers on mica: AFM and electrokinetic characterization. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15368-15379.	1.3	11
11	Conformations of Poly-L-lysine Molecules in Electrolyte Solutions: Modeling and Experimental Measurements. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23180-23190.	1.5	23
12	Aggregates in Paraffinic Froth Treatment: Settling Properties and Structure. <i>Energy & Fuels</i> , 2018, 32, 8268-8276.	2.5	7
13	Silica nanoparticle monolayers on a macroion modified surface: formation mechanism and stability. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22721-22732.	1.3	29
14	Determination of the Settling Rate of Aggregates Using the Ultrasound Method during Paraffinic Froth Treatment. <i>Energy & Fuels</i> , 2016, 30, 8192-8199.	2.5	8
15	Influence of bubble surface fluidity on collision kinetics and attachment to hydrophobic solids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 505, 47-55.	2.3	11
16	Silica Monolayer Formation and Stability Determined by in situ Streaming Potential Measurements. <i>Electrochimica Acta</i> , 2016, 206, 409-418.	2.6	12
17	Three-Phase Contact Formation and Flotation of Highly Hydrophobic Polytetrafluoroethylene in the Presence of Increased Dose of Frothers. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 839-843.	1.8	22
18	Dynamics of dewetting and bubble attachment to rough hydrophobic surfaces – Measurements and modelling. <i>Minerals Engineering</i> , 2016, 85, 112-122.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Influence of non-ionic and ionic surfactants on kinetics of the bubble attachment to hydrophilic and hydrophobic solids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 470, 333-341.	2.3	26
20	Formation and influence of the dynamic adsorption layer on kinetics of the rising bubble collisions with solution/gas and solution/solid interfaces. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 765-778.	7.0	40
21	Bubble bouncing and stability of liquid films formed under dynamic and static conditions from n-octanol solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 460, 391-400.	2.3	23
22	Influence of n-octanol on the bubble impact velocity, bouncing and the three phase contact formation at hydrophobic solid surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 788-795.	2.3	35
23	Air-assisted bubble immobilization at hydrophilic porous surface. <i>Surface Innovations</i> , 2014, 2, 235-244.	1.4	4
24	Influence of n-octanol and α -terpineol on thin film stability and bubble attachment to hydrophobic surface. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2586.	1.3	42
25	Depletion of Polyelectrolytes near Like-Charged Substrates Probed by Optical Reflectivity. <i>Journal of Physical Chemistry C</i> , 0, , .	1.5	2