

Zbigniew Adamczyk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241
papers

7,168
citations

46
h-index

71
g-index

252
ext. papers

7,722
ext. citations

6.2
avg, IF

6.22
L-index

#	Paper	IF	Citations
241	Nanoparticle and bioparticle deposition kinetics.. <i>Advances in Colloid and Interface Science</i> , 2022 , 302, 102630	14.3	1
240	Chitosan characteristics in electrolyte solutions: Combined molecular dynamics modeling and slender body hydrodynamics. <i>Carbohydrate Polymers</i> , 2022 , 119676	10.3	0
239	Macroion molecule properties from slender body hydrodynamics. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 3900-3908	3.2	1
238	Formation of Myoglobin Corona at Polymer Microparticles. <i>Colloids and Interfaces</i> , 2021 , 5, 27	3	0
237	Nanoparticle deposition on heterogeneous surfaces: Random sequential adsorption modeling and experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 617, 126296	5.1	4
236	Adsorption kinetic of myoglobin on mica and silica - Role of electrostatic interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 198, 111436	6	3
235	Nanoparticle and Bioparticle Deposition Kinetics: Quartz Microbalance Measurements. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
234	Hematite/Polystyrene Raspberry-Like Microcomposites as Stable Support for Silver Nanoparticle Immobilization. <i>Particle and Particle Systems Characterization</i> , 2021 , 38, 2000239	3.1	
233	SARS-CoV-2 virion physicochemical characteristics pertinent to abiotic substrate attachment. <i>Current Opinion in Colloid and Interface Science</i> , 2021 , 55, 101466	7.6	1
232	Carrageenan molecule conformations and electrokinetic properties in electrolyte solutions: Modeling and experimental measurements. <i>Food Hydrocolloids</i> , 2021 , 121, 107033	10.6	1
231	Formation of Poly-L-lysine Monolayers on Silica: Modeling and Experimental Studies. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 4571-4581	3.8	7
230	Myoglobin molecule charging in electrolyte solutions. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 26764-26775	6.4	35
229	Applicability of QCM-D for Quantitative Measurements of Nano- and Microparticle Deposition Kinetics: Theoretical Modeling and Experiments. <i>Analytical Chemistry</i> , 2020 , 92, 15087-15095	7.8	14
228	Hydrodynamic Solvation of Poly(amido amine) Dendrimer Monolayers on Silica. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17684-17695	3.8	7
227	Hydrodynamic Solvent Coupling Effects in Quartz Crystal Microbalance Measurements of Nanoparticle Deposition Kinetics. <i>Analytical Chemistry</i> , 2020 , 92, 3896-3903	7.8	12
226	Microparticle Deposition on Human Serum Albumin Layers: Unraveling Anomalous Adsorption Mechanism. <i>Colloids and Interfaces</i> , 2020 , 4, 51	3	2
225	Kinetics of Poly-L-lysine Adsorption on Mica and Stability of Formed Monolayers: Theoretical and Experimental Studies. <i>Langmuir</i> , 2019 , 35, 12042-12052	4	7

224	Human Serum Albumin Adsorption Kinetics on Silica: Influence of Protein Solution Stability. <i>Langmuir</i> , 2019 , 35, 2639-2648	4	14
223	Monolayers of silver nanoparticles obtained by green synthesis on macrocation modified substrates. <i>Materials Chemistry and Physics</i> , 2019 , 227, 224-235	4.4	10
222	Gold substrates of controlled roughness and electrokinetic properties formed by nanoparticle deposition. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 6535-6543	3.6	4
221	Streaming Current and Effective Potential for Particle-Covered Surfaces with Random Particle Distributions. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 3517-3531	3.8	8
220	Mechanism of fibrinogen /microparticle complex deposition on solid substrates: Role of pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 184, 110424	6	3
219	Mechanisms of Fibrinogen Adsorption on Silica Sensors at Various pHs: Experiments and Theoretical Modeling. <i>Langmuir</i> , 2019 , 35, 11275-11284	4	5
218	Formation of Strong Polycation (Poly[(3-allylamino-2-hydroxypropyl)trimethylammonium chloride]) Monolayers on Mica, Silica, and Gold Substrates: Modeling and Experimental Studies. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 19022-19032	3.8	3
217	Gold nanoparticles deposited on silica microparticles - Electrokinetic characteristics and application in SERS. <i>Colloids and Interface Science Communications</i> , 2019 , 33, 100219	5.4	6
216	Formation of gold nanoparticle bilayers on gold sensors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 560, 393-401	5.1	8
215	Protein adsorption: A quest for a universal mechanism. <i>Current Opinion in Colloid and Interface Science</i> , 2019 , 41, 50-65	7.6	18
214	Kinetics of human serum albumin adsorption at silica sensor: Unveiling dynamic hydration function. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 167, 377-384	6	13
213	Albumin adsorption at solid substrates: A quest for a unified approach. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 769-790	9.3	31
212	Hematite/silica nanoparticle bilayers on mica: AFM and electrokinetic characterization. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 15368-15379	3.6	8
211	Protein adsorption mechanisms at rough surfaces: Serum albumin at a gold substrate. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 631-641	9.3	28
210	Lysozyme Monolayers at Polymer Microparticles: Electrokinetic Characteristics and Modeling. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 17846-17855	3.8	8
209	Formation, properties and stability of silver nanoparticle monolayers at PDADMAC modified polystyrene microparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 554, 317-325	5.1	3
208	Silver nanoparticle/fibrinogen bilayers - Mechanism of formation and stability determined by in situ electrokinetic measurements. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 170-179	9.3	2
207	Conformations of Poly-L-lysine Molecules in Electrolyte Solutions: Modeling and Experimental Measurements. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 23180-23190	3.8	13

206	Gold Nanoparticle Layers on Polystyrene Microspheres of Controlled Structure and Electrokinetic Properties. <i>Langmuir</i> , 2018 , 34, 8489-8498	4	15
205	Preparation of iron oxide nanoparticles doped by chromium for application in water-gas shift reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 523, 71-80	5.1	5
204	Formation of positively charged gold nanoparticle monolayers on silica sensors. <i>Journal of Colloid and Interface Science</i> , 2017 , 501, 192-201	9.3	18
203	Formation and stability of manganese-doped ZnS quantum dot monolayers determined by QCM-D and streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2017 , 503, 186-197	9.3	10
202	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	9.3	7
201	Formation and stability of polyelectrolyte/polypeptide monolayers determined by electrokinetic measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 529, 302-310	5.1	13
200	Potential Interactions Among Particles. <i>Interface Science and Technology</i> , 2017 , 20, 9-167	2.3	1
199	Significance of Particle Deposition. <i>Interface Science and Technology</i> , 2017 , 20, 1-8	2.3	
198	Dissipative Interactions. <i>Interface Science and Technology</i> , 2017 , 169-325	2.3	1
197	Transfer of Particles to Interfaces—Linear Problems. <i>Interface Science and Technology</i> , 2017 , 327-511	2.3	
196	Spheroidal Microparticle Monolayers Characterized by Streaming Potential Measurements. <i>Langmuir</i> , 2017 , 33, 9916-9925	4	8
195	Silica nanoparticle monolayers on a macroion modified surface: formation mechanism and stability. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 22721-22732	3.6	17
194	Monolayers of immunoglobulin G on polystyrene microparticles and their interactions with human serum albumin. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 587-597	9.3	5
193	Homogeneous gold nanoparticle monolayers—QCM and electrokinetic characteristics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 514, 226-235	5.1	18
192	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	9.3	19
191	Formation mechanism of human serum albumin monolayers on positively charged polymer microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 929-936	6	13
190	Revealing deposition mechanism of colloid particles on human serum albumin monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 137, 176-82	6	8
189	Monolayers of Poly(styrene- <i>b</i> -tert-butoxy- <i>b</i> -vinylbenzyl-polyglycidol) Microparticles Formed by Controlled Self-Assembly with Potential Application as Protein-Repelling Substrates. <i>Langmuir</i> , 2016 , 32, 9566-74	4	3

188	Silica Monolayer Formation and Stability Determined by in situ Streaming Potential Measurements. <i>Electrochimica Acta</i> , 2016 , 206, 409-418	6.7	9
187	Fibrinogen adsorption mechanisms at the gold substrate revealed by QCM-D measurements and RSA modeling. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 139, 123-31	6	15
186	Oxidative dissolution of silver nanoparticles: A new theoretical approach. <i>Journal of Colloid and Interface Science</i> , 2016 , 469, 355-364	9.3	34
185	Mechanism of immunoglobulin G adsorption on polystyrene microspheres. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 137, 183-90	6	9
184	Monolayers of silver nanoparticles on positively charged polymer microspheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 499, 1-9	5.1	9
183	Streaming potential studies of the adsorption of fluorescently-labeled poly(ethylene imine) onto mica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 494, 256-265	5.1	3
182	Gold Nanoparticle Monolayers of Controlled Coverage and Structure. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 11807-11819	3.8	19
181	Monolayers of the HSA dimer on polymeric microparticles-electrokinetic characteristics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 229-237	6	14
180	Mechanisms of fibrinogen adsorption at the silica substrate determined by QCM-D measurements. <i>Journal of Colloid and Interface Science</i> , 2015 , 457, 378-87	9.3	25
179	Monolayers of poly-L-lysine on mica--Electrokinetic characteristics. <i>Journal of Colloid and Interface Science</i> , 2015 , 456, 116-24	9.3	24
178	Kinetics of silver nanoparticle deposition at PAH monolayers: reference QCM results. <i>Langmuir</i> , 2015 , 31, 2988-96	4	33
177	Mapping single macromolecule chains using the colloid deposition method: PDADMAC on mica. <i>Journal of Colloid and Interface Science</i> , 2015 , 450, 82-90	9.3	11
176	Revealing fibrinogen monolayer conformations at different pHs: electrokinetic and colloid deposition studies. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 62-71	9.3	7
175	Deposition of silver nanoparticles from suspensions containing tannic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 477, 70-76	5.1	1
174	Influence of supporting polyelectrolyte layers on the coverage and stability of silver nanoparticle coatings. <i>Journal of Colloid and Interface Science</i> , 2015 , 445, 205-212	9.3	17
173	High density monolayers of plasmid protein on latex particles: experiments and theoretical modeling. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015 , 2015, P04003	1.9	9
172	Electrokinetic characteristics of HSA dimer and its monolayers at mica. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 1207-14	6	7
171	Charge Stabilized Silver Nanoparticles Applied as Antibacterial Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3574-83	1.3	28

170	Adsorption of tannic acid on polyelectrolyte monolayers determined in situ by streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2015 , 438, 249-258	9.3	34
169	Silver particle monolayers Formation, stability, applications. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 530-63	14.3	48
168	pH-controlled desorption of silver nanoparticles from monolayers deposited on PAH-covered mica. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	4
167	Recombinant albumin adsorption on mica studied by AFM and streaming potential measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 127, 192-9	6	15
166	Mechanism of immunoglobulin G adsorption on mica-AFM and electrokinetic studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 118, 57-64	6	11
165	Hematite/silver nanoparticle bilayers on mica-AFM, SEM and streaming potential studies. <i>Journal of Colloid and Interface Science</i> , 2014 , 424, 75-83	9.3	26
164	Influence of ionic strength on poly(diallyldimethylammonium chloride) macromolecule conformations in electrolyte solutions. <i>Journal of Colloid and Interface Science</i> , 2014 , 435, 182-90	9.3	30
163	Recombinant albumin monolayers on latex particles. <i>Langmuir</i> , 2014 , 30, 250-8	4	16
162	Monolayers of silver nanoparticles obtained by chemical reduction methods. <i>Surface Innovations</i> , 2014 , 2, 160-172	1.9	15
161	Human fibrinogen adsorption on positively charged latex particles. <i>Langmuir</i> , 2014 , 30, 11165-74	4	27
160	Mechanism of nanoparticle deposition on polystyrene latex particles. <i>Langmuir</i> , 2014 , 30, 692-9	4	17
159	Formation of PDADMAC monolayers evaluated in situ by QCM and streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2014 , 428, 170-7	9.3	27
158	Particle Deposition as a Tool for Studying Hetero-Interactions 2014 , 247-311		
157	Fibrinogen Monolayers of Controlled Coverage and Conformations for Biosensing Applications. <i>Key Engineering Materials</i> , 2014 , 605, 243-246	0.4	
156	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	5.1	15
155	Human fibrinogen adsorption on latex particles at pH 7.4 studied by electrophoretic mobility and AFM measurements. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 640-8	3	11
154	Mechanisms of fibrinogen adsorption at solid substrates. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 702-29	3	18
153	Self-assembled silver nanoparticles monolayers on mica-AFM, SEM, and electrokinetic characteristics. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1460	2.3	24

152	Monolayers of cationic polyelectrolytes on mica--electrokinetic studies. <i>Journal of Colloid and Interface Science</i> , 2013 , 407, 196-204	9.3	51
151	Fibrinogen monolayer characterization by colloid deposition. <i>Langmuir</i> , 2013 , 29, 11991-2002	4	10
150	Mechanisms of nanoparticle and bioparticle deposition [Kinetic aspects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 439, 3-22	5.1	42
149	Stability of silver nanoparticle monolayers determined by in situ streaming potential measurements. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 2076	2.3	11
148	Kinetics of fluorescent latex particle deposition at polyelectrolyte monolayers determined by in situ measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 436, 237-244 ^{5.1}		6
147	Tuning conformations of fibrinogen monolayers on latex particles by pH of adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 482-8	6	16
146	Revealing properties of the KfrA plasmid protein via combined DLS, AFM and electrokinetic measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 635-41	6	15
145	KfrA plasmid protein monolayers on latex particles-electrokinetic measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 112, 165-70	6	8
144	Controlled release of silver nanoparticles from monolayers deposited on PAH covered mica. <i>Langmuir</i> , 2013 , 29, 3546-55	4	27
143	Human fibrinogen monolayers on latex particles: role of ionic strength. <i>Langmuir</i> , 2013 , 29, 3700-10	4	32
142	Mechanisms of fibrinogen adsorption at solid substrates at lower pH. <i>Langmuir</i> , 2013 , 29, 7005-16	4	33
141	Mechanism of HSA adsorption on mica determined by streaming potential, AFM and XPS measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 101, 442-9	6	34
140	Ionic strength effect in HSA adsorption on mica determined by streaming potential measurements. <i>Journal of Colloid and Interface Science</i> , 2012 , 366, 105-113	9.3	55
139	Tuning properties of silver particle monolayers via controlled adsorption-desorption processes. <i>Journal of Colloid and Interface Science</i> , 2012 , 376, 1-11	9.3	42
138	Mechanisms of Fibrinogen Adsorption on Mica. <i>ACS Symposium Series</i> , 2012 , 97-127	0.4	0
137	Mechanisms of fibrinogen adsorption on latex particles determined by zeta potential and AFM measurements. <i>Langmuir</i> , 2012 , 28, 474-85	4	36
136	Fibrinogen conformations and charge in electrolyte solutions derived from DLS and dynamic viscosity measurements. <i>Journal of Colloid and Interface Science</i> , 2012 , 385, 244-57	9.3	51
135	Hematite nanoparticle monolayers on mica electrokinetic characteristics. <i>Journal of Colloid and Interface Science</i> , 2012 , 386, 121-8	9.3	16

134	Hematite nanoparticle monolayers on mica preparation by controlled self-assembly. <i>Journal of Colloid and Interface Science</i> , 2012 , 386, 51-9	9.3	24
133	Hematite nanoparticle monolayers on mica: Characterization by colloid deposition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 412, 72-81	5.1	10
132	Human serum albumin monolayers on mica: electrokinetic characteristics. <i>Langmuir</i> , 2012 , 28, 15663-73	4	20
131	Modeling adsorption of colloids and proteins. <i>Current Opinion in Colloid and Interface Science</i> , 2012 , 17, 173-186	7.6	92
130	Mechanisms of fibrinogen adsorption at solid substrates. <i>Langmuir</i> , 2011 , 27, 6868-78	4	80
129	Particle Deposition as a Tool for Studying Hetero-Interactions 2011 , 247-311		
128	High density silver nanoparticle monolayers produced by colloid self-assembly on polyelectrolyte supporting layers. <i>Journal of Colloid and Interface Science</i> , 2011 , 364, 39-48	9.3	63
127	Colloid particle and protein deposition - electrokinetic studies. <i>Advances in Colloid and Interface Science</i> , 2011 , 168, 3-28	14.3	68
126	Fibrinogen adsorption on mica studied by AFM and in situ streaming potential measurements. <i>Langmuir</i> , 2011 , 27, 686-96	4	94
125	Kinetics of silver nanoparticle deposition onto poly(ethylene imine) modified mica determined by AFM and SEM measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 377, 261-268	5.1	19
124	Deposition of colloid particles on protein layers: fibrinogen on mica. <i>Journal of Colloid and Interface Science</i> , 2011 , 356, 454-64	9.3	27
123	Zeta potential of particle bilayers on mica: a streaming potential study. <i>Journal of Colloid and Interface Science</i> , 2011 , 360, 195-203	9.3	23
122	Zeta potential of mica covered by colloid particles: a streaming potential study. <i>Langmuir</i> , 2010 , 26, 9368-77	4.77	76
121	Kinetics of fibrinogen adsorption on hydrophilic substrates. <i>Langmuir</i> , 2010 , 26, 11934-45	4	58
120	Improvement of Wetting Properties of Colloid Silica Binders. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 8532-8537	3.9	2
119	Streaming potential studies of colloid, polyelectrolyte and protein deposition. <i>Advances in Colloid and Interface Science</i> , 2010 , 153, 1-29	14.3	115
118	Irreversible adsorption of latex particles on fibrinogen covered mica. <i>Adsorption</i> , 2010 , 16, 259-269	2.6	11
117	Silver nanoparticle monolayers on poly(ethylene imine) covered mica produced by colloidal self-assembly. <i>Journal of Colloid and Interface Science</i> , 2010 , 345, 187-93	9.3	15

116	Hydrodynamic radii and diffusion coefficients of particle aggregates derived from the bead model. <i>Journal of Colloid and Interface Science</i> , 2010 , 347, 192-201	9.3	22
115	Electrokinetics of particle covered surfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2010 , 15, 175-183	7.6	7
114	Conformations of poly(allylamine hydrochloride) in electrolyte solutions: Experimental measurements and theoretical modeling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 355, 7-15	5.1	54
113	Streaming current and streaming potential for particle covered surfaces: virial expansion and simulations. <i>Journal of Chemical Physics</i> , 2009 , 130, 144706	3.9	41
112	Deposition of colloid particles at heterogeneous and patterned surfaces. <i>Advances in Colloid and Interface Science</i> , 2009 , 147-148, 2-17	14.3	24
111	Structure of poly (sodium 4-styrenesulfonate) (PSS) in electrolyte solutions: Theoretical modeling and measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 343, 96-103	5.1	39
110	Colloid particle deposition on heterogeneous surfaces produced by polyelectrolyte adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 343, 111-117	5.1	20
109	Structure of fibrinogen in electrolyte solutions derived from dynamic light scattering (DLS) and viscosity measurements. <i>Langmuir</i> , 2009 , 25, 3698-704	4	81
108	Characterization of globular protein solutions by dynamic light scattering, electrophoretic mobility, and viscosity measurements. <i>Langmuir</i> , 2008 , 24, 6866-72	4	256
107	Formation of multilayered structures in the layer by layer deposition of colloid particles. <i>Journal of Colloid and Interface Science</i> , 2008 , 317, 1-10	9.3	17
106	Particle assembly on patterned surfaces bearing circular (dots) and rectangular (stripes) surface features. <i>Langmuir</i> , 2008 , 24, 1756-62	4	16
105	Particle assembly on surface features (patterned surfaces). <i>Langmuir</i> , 2007 , 23, 5557-62	4	8
104	Modelling self-assembling of colloid particles in multilayered structures. <i>Applied Surface Science</i> , 2007 , 253, 5776-5780	6.7	13
103	Characterization of polyelectrolyte multilayers on mica and oxidized titanium by streaming potential and wetting angle measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 302, 455-460	5.1	33
102	Deposition of colloid particles on polyelectrolyte multilayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 302, 467-472	5.1	15
101	Characterization of rheological properties of colloidal zirconia. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 2209-2215	6	15
100	Characterization of poly(ethylene imine) layers on mica by the streaming potential and particle deposition methods. <i>Journal of Colloid and Interface Science</i> , 2007 , 313, 86-96	9.3	55
99	Irreversible Adsorption of Particles on Surface Features of a Circular and Rectangular Shape. <i>Adsorption Science and Technology</i> , 2007 , 25, 463-472	3.6	1

98	Potential Interactions Among Particles. <i>Interface Science and Technology</i> , 2006 , 9, 15-196	2.3	0
97	Nonlinear Transport of Particles. <i>Interface Science and Technology</i> , 2006 , 9, 567-736	2.3	
96	Structure of poly(acrylic acid) in electrolyte solutions determined from simulations and viscosity measurements. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 22426-35	3.4	80
95	Transfer of Particles to Interfaces Linear Problems. <i>Interface Science and Technology</i> , 2006 , 9, 375-565	2.3	
94	Significance of Particle Deposition. <i>Interface Science and Technology</i> , 2006 , 9, 1-14	2.3	1
93	Polyelectrolyte adsorption layers studied by streaming potential and particle deposition. <i>Journal of Colloid and Interface Science</i> , 2006 , 303, 353-64	9.3	61
92	Surface clusters of colloid particles produced by deposition on sites. <i>Langmuir</i> , 2005 , 21, 8952-9	4	15
91	Irreversible adsorption of colloid particles on heterogeneous surfaces. <i>Applied Surface Science</i> , 2005 , 252, 723-729	6.7	7
90	Irreversible adsorption of particles on heterogeneous surfaces. <i>Advances in Colloid and Interface Science</i> , 2005 , 118, 25-42	14.3	66
89	Irreversible adsorption of particles at random-site surfaces. <i>Journal of Chemical Physics</i> , 2004 , 120, 11155-62	5.62	26
88	Kinetics of particle deposition in the oblique impinging jet cell. <i>Journal of Colloid and Interface Science</i> , 2004 , 269, 53-61	9.3	13
87	Structure of colloid silica determined by viscosity measurements. <i>Journal of Colloid and Interface Science</i> , 2004 , 273, 668-74	9.3	42
86	In situ studies of particle deposition on non-transparent substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 235, 65-72	5.1	23
85	Deposition of latex particles at heterogeneous surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 249, 95-98	5.1	15
84	Characterization of polyelectrolyte multilayers by the streaming potential method. <i>Langmuir</i> , 2004 , 20, 10517-25	4	82
83	Kinetics of Particle and Protein Adsorption 2004 , 211-360		
82	Particle adsorption and deposition: role of electrostatic interactions. <i>Advances in Colloid and Interface Science</i> , 2003 , 100-102, 267-347	14.3	119
81	Latex particle adsorption at heterogeneous surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 214, 219-229	5.1	13

80	Particle deposition at electrostatically heterogeneous surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 15-25	5.1	19
79	Effect of electrolytes on surface tension of ionic surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 213-222	5.1	55
78	Streaming potential of mica covered by latex particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 329-339	5.1	26
77	Colloid particle adsorption at random site (heterogeneous) surfaces. <i>Journal of Colloid and Interface Science</i> , 2002 , 248, 67-75	9.3	40
76	Deposition of particles in the impinging-jet cell for the high coverage regime. <i>Journal of Colloid and Interface Science</i> , 2002 , 248, 244-54	9.3	21
75	Polystyrene latex adsorption at the gold/electrolyte interface. <i>Journal of Colloid and Interface Science</i> , 2002 , 254, 283-6	9.3	8
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