Angel Delgado

List of Publications by Year in Descending Order

269 papers	7,394 citations	42 h-index	73 g-index
275 ext. papers	7,983 ext. citations	5.7 avg, IF	5.83 L-index

#	Paper	IF	Citations
269	Electro-orientation of Ag nanowires in viscoelastic fluids.. *Journal of Colloid and Interface Science*, **2022**, 622, 700-707	9.3	0
268	Modulation of the Magnetic Hyperthermia Response Using Different Superparamagnetic Iron Oxide Nanoparticle Morphologies. *Nanomaterials*, **2021**, 11,	5.4	18
267	Poly(ethylene-imine)-Functionalized Magnetite Nanoparticles Derivatized with Folic Acid: Heating and Targeting Properties. *Polymers*, **2021**, 13,	4.5	4
266	Polymer-induced orientation of nanowires under electric fields. *Journal of Colloid and Interface Science*, **2021**, 591, 58-66	9.3	4
265	Effect of cationic surfactant addition on the electrokinetics and stability of silica/kaolinite suspensions in copper hydrometallurgy conditions. *Minerals Engineering*, **2021**, 169, 106958	4.9	1
264	Electrokinetic detection of the salt-free condition in colloids. Application to polystyrene latexes. *Advances in Colloid and Interface Science*, **2021**, 102539	14.3	0
263	Combining soft electrode and ion exchange membranes for increasing salinity difference energy efficiency. *Journal of Power Sources*, **2020**, 453, 227840	8.9	6
262	First steps in the formulation of praziquantel nanosuspensions for pharmaceutical applications. *Pharmaceutical Development and Technology*, **2020**, 25, 892-898	3.4	3
261	Influence of ion size effects on the electrokinetics of aqueous salt-free colloids in alternating electric fields. *Physical Review E*, **2020**, 102, 032614	2.4	2
260	Gemcitabine-Loaded Magnetically Responsive Poly(-caprolactone) Nanoparticles against Breast Cancer. *Polymers*, **2020**, 12,	4.5	4
259	Electric Birefringence of Gold Nanorods: Effect of Surfactant Coating. *Journal of Physical Chemistry C*, **2019**, 123, 26623-26632	3.8	2
258	Assembly of Soft Electrodes and Ion Exchange Membranes for Capacitive Deionization. *Polymers*, **2019**, 11,	4.5	5
257	Enhancement of Magnetic Hyperthermia by Mixing Synthetic Inorganic and Biomimetic Magnetic Nanoparticles. *Pharmaceutics*, **2019**, 11,	6.4	18
256	Functionalized Biomimetic Magnetic Nanoparticles as Effective Nanocarriers for Targeted Chemotherapy. *Particle and Particle Systems Characterization*, **2019**, 36, 1900057	3.1	12
255	Soft electrodes in water desalination: application to multi-valent ions. *Environmental Science: Water Research and Technology*, **2019**, 5, 873-883	4.2	2
254	Magnetoliposomes of mixed biomimetic and inorganic magnetic nanoparticles as enhanced hyperthermia agents. *Colloids and Surfaces B: Biointerfaces*, **2019**, 183, 110435	6	10
253	Hyperthermia-Triggered Doxorubicin Release from Polymer-Coated Magnetic Nanorods. *Pharmaceutics*, **2019**, 11,	6.4	11

252	Electrical double layers as ion reservoirs: applications to the deionization of solutions. *Current Opinion in Colloid and Interface Science*, **2019**, 44, 72-84	7.6	4
251	Electrokinetics and stability of silica/clay mixtures at high copper concentration. Implications in the mining of copper. *Minerals Engineering*, **2019**, 134, 193-201	4.9	4
250	Electro-Orientation of Silver Nanowires in Alternating Fields. *Langmuir*, **2019**, 35, 687-694	4	8
249	Analysis of the electro-optical response of graphene oxide dispersions under alternating fields. *Carbon*, **2019**, 144, 395-401	10.4	4
248	Nano-engineering of biomedical prednisolone liposomes: evaluation of the cytotoxic effect on human colon carcinoma cell lines. *Journal of Pharmacy and Pharmacology*, **2018**, 70, 488-497	4.8	4
247	Multiionic effects on the capacitance of porous electrodes. *Physical Chemistry Chemical Physics*, **2018**, 20, 5012-5020	3.6	10
246	Electrorheology of clay particle suspensions. Effects of shape and surface treatment. *Rheologica Acta*, **2018**, 57, 405-413	2.3	12
245	Ionic coupling effects in dynamic electrophoresis and electric permittivity of aqueous concentrated suspensions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 541, 195-211	5.1	7
244	Formulation and in vitro evaluation of magnetoliposomes as a potential nanotool in colorectal cancer therapy. *Colloids and Surfaces B: Biointerfaces*, **2018**, 171, 553-565	6	20
243	Hyperthermia-Triggered Gemcitabine Release from Polymer-Coated Magnetite Nanoparticles. *Polymers*, **2018**, 10,	4.5	24
242	CDP: Fundamentals of the Method. *Interface Science and Technology*, **2018**, 24, 143-166	2.3	
241	Principles and Theoretical Models of CDI: Experimental Approaches. *Interface Science and Technology*, **2018**, 24, 169-192	2.3	9
240	Future and Perspectives of the Capacitive Techniques. *Interface Science and Technology*, **2018**, 24, 195-202	2.3	
239	Charge and Potential Distribution in the Electrical Double Layer of Porous Materials: Models. *Interface Science and Technology*, **2018**, 3-18	2.3	2
238	Kinetics of Ion Transport in a Porous Electrode. *Interface Science and Technology*, **2018**, 19-37	2.3	1
237	Determination of the size distribution of non-spherical nanoparticles by electric birefringence-based methods. *Scientific Reports*, **2018**, 8, 9502	4.9	28
236	New energy sources: Blue energy study in Central America. *Journal of Renewable and Sustainable Energy*, **2017**, 9, 014101	2.5	4
235	Improved antitumor activity and reduced toxicity of doxorubicin encapsulated in poly(□caprolactone) nanoparticles in lung and breast cancer treatment: An in vitro and in vivo study. *European Journal of Pharmaceutical Sciences*, **2017**, 102, 24-34	5.1	31

234	Use of Soft Electrodes in Capacitive Deionization of Solutions. *Environmental Science & Technology*, **2017**, 51, 5326-5333	10.3	35
233	Geometrical properties of materials for energy production by salinity exchange. *Environmental Chemistry*, **2017**, 14, 279	3.2	10
232	Dynamic electrophoretic mobility and electric permittivity of concentrated suspensions of plate-like gibbsite particles. *Journal of Colloid and Interface Science*, **2017**, 502, 112-121	9.3	0
231	Development and Characterization of Magnetite/Poly(butylcyanoacrylate) Nanoparticles for Magnetic Targeted Delivery of Cancer Drugs. *AAPS PharmSciTech*, **2017**, 18, 3042-3052	3.9	6
230	Design and characterization of a magnetite/PEI multifunctional nanohybrid as non-viral vector and cell isolation system. *International Journal of Pharmaceutics*, **2017**, 518, 270-280	6.5	8
229	Charging Poly(methyl Methacrylate) Latexes in Nonpolar Solvents: Effect of Particle Concentration. *Langmuir*, **2017**, 33, 13543-13553	4	3
228	Magnetic Nanoparticles Coated with a Thermosensitive Polymer with Hyperthermia Properties. *Polymers*, **2017**, 10,	4.5	37
227	Folic acid-decorated and PEGylated PLGA nanoparticles for improving the antitumour activity of 5-fluorouracil. *International Journal of Pharmaceutics*, **2017**, 516, 61-70	6.5	77
226	Simultaneous hyperthermia and doxorubicin delivery from polymer-coated magnetite nanoparticles. *Journal of Magnetism and Magnetic Materials*, **2017**, 431, 294-296	2.8	18
225	Synergy between magnetorheological fluids and aluminum foams: Prospective alternative for seismic damping. *Journal of Intelligent Material Systems and Structures*, **2016**, 27, 872-879	2.3	6
224	Magnetic hyperthermia with magnetite nanoparticles: electrostatic and polymeric stabilization. *Colloid and Polymer Science*, **2016**, 294, 1541-1550	2.4	17
223	Recent developments in electrokinetics of salt-free concentrated suspensions. *Current Opinion in Colloid and Interface Science*, **2016**, 24, 32-43	7.6	14
222	Electric birefringence spectroscopy of montmorillonite particles. *Soft Matter*, **2016**, 12, 4923-31	3.6	10
221	Polyelectrolyte-versus membrane-coated electrodes for energy production by capmix salinity exchange methods. *Journal of Power Sources*, **2016**, 302, 387-393	8.9	27
220	Stacking of capacitive cells for electrical energy production by salinity exchange. *Journal of Power Sources*, **2016**, 318, 283-290	8.9	16
219	Multi-ionic effects on energy production based on double layer expansion by salinity exchange. *Journal of Colloid and Interface Science*, **2015**, 446, 335-44	9.3	24
218	Preparation of multi-functionalized Fe3O4/Au nanoparticles for medical purposes. *Colloids and Surfaces B: Biointerfaces*, **2015**, 128, 1-7	6	19
217	General electrokinetic model for concentrated suspensions in aqueous electrolyte solutions: Electrophoretic mobility and electrical conductivity in static electric fields. *Journal of Colloid and Interface Science*, **2015**, 455, 46-54	9.3	8

216	Electric Permittivity and Dynamic Mobility of Dilute Suspensions of Platelike Gibbsite Particles. *Langmuir*, **2015**, 31, 7934-42	4	1
215	Synergistic cytotoxicity of the poly (ADP-ribose) polymerase inhibitor ABT-888 and temozolomide in dual-drug targeted magnetic nanoparticles. *Liver International*, **2015**, 35, 1430-41	7.9	8
214	Iron/Magnetite Nanoparticles as Magnetic Delivery Systems for Antitumor Drugs. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 3507-14	1.3	11
213	Enhanced antitumoral activity of doxorubicin against lung cancer cells using biodegradable poly(butylcyanoacrylate) nanoparticles. *Drug Design, Development and Therapy*, **2015**, 9, 6433-44	4.4	22
212	Dynamic and wear study of an extremely bidisperse magnetorheological fluid. *Smart Materials and Structures*, **2015**, 24, 127001	3.4	12
211	Dielectric relaxation in concentrated nonaqueous colloidal suspensions. *Journal of Colloid and Interface Science*, **2014**, 436, 132-7	9.3	2
210	Effect of Solution Composition on the Energy Production by Capacitive Mixing in Membrane-Electrode Assembly. *Journal of Physical Chemistry C*, **2014**, 118, 15590-15599	3.8	21
209	Materials selection for optimum energy production by double layer expansion methods. *Journal of Power Sources*, **2014**, 261, 371-377	8.9	35
208	Polyelectrolyte-coated carbons used in the generation of blue energy from salinity differences. *Physical Chemistry Chemical Physics*, **2014**, 16, 25241-6	3.6	39
207	Temperature effects on energy production by salinity exchange. *Environmental Science & Technology*, **2014**, 48, 12378-85	10.3	32
206	The electrokinetic and rheological behavior of phosphatidylcholine-treated TiO2 suspensions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 440, 110-115	5.1	8
205	Functionalized magnetic nanoparticles as vehicles for the delivery of the antitumor drug gemcitabine to tumor cells. Physicochemical in vitro evaluation. *Materials Science and Engineering C*, **2013**, 33, 1183-92	8.3	29
204	Effects of non-equilibrium association-dissociation processes in the dynamic electrophoretic mobility and dielectric response of realistic salt-free concentrated suspensions. *Advances in Colloid and Interface Science*, **2013**, 201-202, 57-67	14.3	12
203	Corrigendum to Dielectric dispersion in aqueous colloidal systems[Curr Opin Colloid Interface Sci (2010) 145159]. *Current Opinion in Colloid and Interface Science*, **2013**, 18, 161-163	7.6	1
202	Effect of surface properties on the electrorheological response of hematite/silicone oil dispersions. *Journal of Colloid and Interface Science*, **2013**, 392, 75-82	9.3	19
201	Predictions of the maximum energy extracted from salinity exchange inside porous electrodes. *Journal of Colloid and Interface Science*, **2013**, 402, 340-9	9.3	38
200	Nanoengineering of doxorubicin delivery systems with functionalized maghemite nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2013**, 111, 88-96	6	26
199	Dynamic characterization of extremely bidisperse magnetorheological fluids. *Journal of Colloid and Interface Science*, **2012**, 377, 153-9	9.3	93

198	Electrokinetics of concentrated suspensions of spheroidal hematite nanoparticles. *Soft Matter*, **2012**, 8, 3596	3.6	15
197	Electrophoresis and dielectric dispersion of spherical polyelectrolyte brushes. *Langmuir*, **2012**, 28, 16372-81	4	18
196	Maghemite functionalization for antitumor drug vehiculization. *Molecular Pharmaceutics*, **2012**, 9, 2017-28	5.6	10
195	Hydrolysis versus ion correlation models in electrokinetic charge inversion: establishing application ranges. *Langmuir*, **2012**, 28, 6786-93	4	36
194	CAPMIX -Deploying Capacitors for Salt Gradient Power Extraction. *Energy Procedia*, **2012**, 20, 108-115	2.3	66
193	Dielectric Dispersion in Colloidal Systems: Applications in the Biological Sciences **2012**, 617-643		
192	Electrokinetic Methods in Biological Interfaces: Possibilities and Limitations **2012**, 645-672		
191	Effects of In vitro hemodilution, hypothermia and rFVIIa addition on coagulation in human blood. *International Journal of Burns and Trauma*, **2012**, 2, 42-50	0.4	18
190	Modeling the patterns of visual field loss in glaucoma. *Optometry and Vision Science*, **2011**, 88, E63-79	2.1	5
189	Effect of the volume fraction of solids on the concentration polarization around spheroidal hematite particles. *Soft Matter*, **2011**, 7, 3286	3.6	4
188	Giant permittivity and dynamic mobility observed for spherical polyelectrolyte brushes. *Soft Matter*, **2011**, 7, 3758	3.6	22
187	Electrophoretic characterization of insulin growth factor (IGF-1) functionalized magnetic nanoparticles. *Langmuir*, **2011**, 27, 6426-32	4	8
186	Double layer polarization in realistic aqueous salt-free suspensions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 376, 14-20	5.1	5
185	Engineering of an antitumor (core/shell) magnetic nanoformulation based on the chemotherapy agent ftorafur. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 384, 157-163	5.1	23
184	Surface modification of glass plates and silica particles by phospholipid adsorption. *Journal of Colloid and Interface Science*, **2011**, 353, 281-9	9.3	15
183	Electrophoresis of concentrated colloidal dispersions in low-polar solvents. *Journal of Colloid and Interface Science*, **2011**, 361, 443-55	9.3	28
182	Description and performance of a fully automatic device for the study of the sedimentation of magnetic suspensions. *Review of Scientific Instruments*, **2011**, 82, 073906	1.7	18
181	Dynamic electrophoretic mobility of spherical colloidal particles in realistic aqueous salt-free concentrated suspensions. *Journal of Physical Chemistry B*, **2010**, 114, 6134-43	3.4	20

180	Negative electrorheological behavior in suspensions of inorganic particles. *Langmuir*, **2010**, 26, 16833-40	4	29
179	Stabilization of lead sulfide nanoparticles by polyamines in aqueous solutions. A structural study of the dispersions. *Langmuir*, **2010**, 26, 16909-20	4	16
178	Consideration of polydispersity in the evaluation of the dynamic mobility of concentrated suspensions. *Journal of Colloid and Interface Science*, **2010**, 343, 350-8	9.3	6
177	Electrokinetic characterization of magnetite nanoparticles functionalized with amino acids. *Journal of Colloid and Interface Science*, **2010**, 344, 144-9	9.3	46
176	Electric permittivity of concentrated suspensions of elongated goethite particles. *Journal of Colloid and Interface Science*, **2010**, 343, 564-73	9.3	11
175	Organoclay particles as reinforcing agents in polysaccharide films. *Journal of Colloid and Interface Science*, **2010**, 347, 74-8	9.3	14
174	Dielectric dispersion in aqueous colloidal systems. *Current Opinion in Colloid and Interface Science*, **2010**, 15, 145-159	7.6	94
173	Iron/ethylcellulose (core/shell) nanoplatform loaded with 5-fluorouracil for cancer targeting. *Colloids and Surfaces B: Biointerfaces*, **2010**, 77, 111-6	6	35
172	Development of iron/ethylcellulose (core/shell) nanoparticles loaded with diclofenac sodium for arthritis treatment. *International Journal of Pharmaceutics*, **2009**, 382, 270-6	6.5	60
171	Electrophoretic characterization of gold nanoparticles functionalized with human serum albumin (HSA) and creatine. *Journal of Colloid and Interface Science*, **2009**, 332, 215-23	9.3	68
170	Effect of polar interactions on the magnetorheology of silica-coated magnetite suspensions in oil media. *Journal of Colloid and Interface Science*, **2009**, 337, 254-9	9.3	24
169	Electrorheology of suspensions of elongated goethite particles. *Journal of Non-Newtonian Fluid Mechanics*, **2009**, 159, 34-40	2.7	46
168	Study of the stability of Kollidon SR suspensions for pharmaceutical applications. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 338, 107-113	5.1	12
167	Kollidon SR colloidal particles as vehicles for oral morphine delivery in pain treatment. *Colloids and Surfaces B: Biointerfaces*, **2009**, 70, 207-12	6	7
166	Role of surface conductivity in the dynamic mobility of concentrated suspensions. *Langmuir*, **2009**, 25, 12040-7	4	1
165	Study of the magnetorheology of aqueous suspensions of extremely bimodal magnetite particles. *European Physical Journal E*, **2009**, 29, 87-94	1.5	14
164	AC electrokinetics of concentrated suspensions of soft particles. *Langmuir*, **2009**, 25, 1986-97	4	59
163	Dynamic mobility of rodlike goethite particles. *Langmuir*, **2009**, 25, 10587-94	4	13

162	5-Fluorouracil-loaded iron/ethylcellulose (core/shell) nanoparticles for active targeting of cancer. *Journal of Drug Targeting*, **2009**,	5.4	1
161	Study of carbonyl iron/poly(butylcyanoacrylate) (core/shell) particles as anticancer drug delivery systems Loading and release properties. *European Journal of Pharmaceutical Sciences*, **2008**, 33, 252-61	5.1	32
160	Tegafur loading and release properties of magnetite/poly(alkylcyanoacrylate) (core/shell) nanoparticles. *Journal of Controlled Release*, **2008**, 125, 50-8	11.7	68
159	Dynamic electrophoretic mobility of spherical colloidal particles in salt-free concentrated suspensions. *Langmuir*, **2008**, 24, 2395-406	4	24
158	Magnetite/poly(alkylcyanoacrylate) (core/shell) nanoparticles as 5-Fluorouracil delivery systems for active targeting. *European Journal of Pharmaceutics and Biopharmaceutics*, **2008**, 69, 54-63	5.7	72
157	Stability and Flow Behavior of a Magnetorheological Lubricant in a Magnetic Shock Absorber. *Tribology Transactions*, **2008**, 51, 271-277	1.8	15
156	Dielectric response of a concentrated colloidal suspension in a salt-free medium. *Langmuir*, **2008**, 24, 11544-55	4	20
155	A novel biologic hemostatic dressing (fibrin patch) reduces blood loss and resuscitation volume and improves survival in hypothermic, coagulopathic Swine with grade V liver injury. *Journal of Trauma*, **2008**, 64, 75-80		27
154	Magnetic colloids as drug vehicles. *Journal of Pharmaceutical Sciences*, **2008**, 97, 2948-83	3.9	141
153	Study of the magnetorheological response of aqueous magnetite suspensions stabilized by acrylic acid polymers. *Journal of Colloid and Interface Science*, **2008**, 324, 199-204	9.3	25
152	Poly(alkylcyanoacrylate) colloidal particles as vehicles for antitumour drug delivery: a comparative study. *Colloids and Surfaces B: Biointerfaces*, **2008**, 62, 64-70	6	62
151	Ftorafur loading and controlled release from poly(ethyl-2-cyanoacrylate) and poly(butylcyanoacrylate) nanospheres. *International Journal of Pharmaceutics*, **2007**, 337, 282-90	6.5	44
150	Development of carbonyl iron/ethylcellulose core/shell nanoparticles for biomedical applications. *International Journal of Pharmaceutics*, **2007**, 339, 237-45	6.5	50
149	Rheological properties of a model colloidal suspension under large electric fields of different waveforms. *Journal of Non-Newtonian Fluid Mechanics*, **2007**, 146, 125-135	2.7	6
148	Measurement and interpretation of electrokinetic phenomena. *Journal of Colloid and Interface Science*, **2007**, 309, 194-224	9.3	784
147	Study of the colloidal stability of concentrated bimodal magnetic fluids. *Journal of Colloid and Interface Science*, **2007**, 309, 135-9	9.3	58
146	Electrokinetics in extremely bimodal suspensions. *Journal of Colloid and Interface Science*, **2007**, 309, 296-302	9.3	7
145	Use of a cell model for the evaluation of the dynamic mobility of spherical silica suspensions. *Journal of Colloid and Interface Science*, **2007**, 309, 342-9	9.3	21

144	Nonstationary electro-osmotic flow in closed cylindrical capillaries. Theory and experiment. *Journal of Colloid and Interface Science*, **2007**, 309, 308-14	9.3	5
143	An experimental method for the measurement of the stability of concentrated magnetic fluids. *Journal of Colloid and Interface Science*, **2007**, 311, 475-80	9.3	12
142	Surface conductivity of colloidal particles: experimental assessment of its contributions. *Journal of Colloid and Interface Science*, **2007**, 316, 836-43	9.3	25
141	Magnetic properties of extremely bimodal magnetite suspensions. *Journal of Magnetism and Magnetic Materials*, **2007**, 314, 80-86	2.8	21
140	Effect of stagnant-layer conductivity on the electric permittivity of concentrated colloidal suspensions. *Journal of Chemical Physics*, **2007**, 126, 104903	3.9	13
139	The potential utility of fibrin sealant dressing in repair of vascular injury in swine. *Journal of Trauma* , **2007**, 62, 94-103		35
138	In vitro effect of activated recombinant factor VII (rFVIIa) on coagulation properties of human blood at hypothermic temperatures. *Journal of Trauma*, **2007**, 63, 1079-86		19
137	Preparation and characterization of carbonyl iron/poly(butylcyanoacrylate) core/shell nanoparticles. *Journal of Colloid and Interface Science*, **2006**, 299, 599-607	9.3	86
136	Structural explanation of the rheology of a colloidal suspension under high dc electric fields. *Physical Review E*, **2006**, 73, 041503	2.4	13
135	Tunable pattern structures in dielectric liquids under high dc electric fields. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2006**, 13, 462-469	2.3	8
134	Cell model of the direct current electrokinetics in salt-free concentrated suspensions: the role of boundary conditions. *Journal of Physical Chemistry B*, **2006**, 110, 18313-23	3.4	32
133	Dynamic electrophoretic mobility of concentrated dispersions of spherical colloidal particles. On the consistent use of the cell model. *Langmuir*, **2006**, 22, 7041-51	4	42
132	Numerical and analytical studies of the electrical conductivity of a concentrated colloidal suspension. *Journal of Physical Chemistry B*, **2006**, 110, 6179-89	3.4	25
131	Electroacoustic and dielectric dispersion of concentrated colloidal suspensions. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2006**, 13, 657-663	2.3	10
130	A simple model of the high-frequency dynamic mobility in concentrated suspensions. *Journal of Colloid and Interface Science*, **2006**, 301, 660-7	9.3	17
129	Colloidal stability of magnetite/poly(lactic acid) core/shell nanoparticles. *Langmuir*, **2006**, 22, 2816-21	4	79
128	Effect of additives and measurement procedure on the electrorheology of hematite/silicone oil suspensions. *Rheologica Acta*, **2006**, 45, 865-876	2.3	16
127	Quasi-static electrorheological properties of hematite/silicone oil suspensions under DC electric fields. *Langmuir*, **2005**, 21, 4896-903	4	22

126	Effect of recombinant FVIIa in hypothermic, coagulopathic pigs with liver injuries. *Journal of Trauma*, **2005**, 59, 155-61; discussion 161		33
125	Hemostatic efficacy of two advanced dressings in an aortic hemorrhage model in Swine. *Journal of Trauma*, **2005**, 59, 25-34; discussion 34-5		83
124	Exogenous administration of Substance P enhances wound healing in a novel skin-injury model. *Experimental Biology and Medicine*, **2005**, 230, 271-80	3.7	84
123	Electrorheologial properties of hematite/silicone oil suspensions under DC fields. *Journal of Non-Newtonian Fluid Mechanics*, **2005**, 125, 1-10	2.7	30
122	Surface thermodynamic properties of polyelectrolyte multilayers. *Journal of Colloid and Interface Science*, **2005**, 286, 339-48	9.3	43
121	Influence of cell-model boundary conditions on the conductivity and electrophoretic mobility of concentrated suspensions. *Advances in Colloid and Interface Science*, **2005**, 118, 43-50	14.3	42
120	Dynamic electrophoretic mobility of concentrated suspensions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2005**, 267, 95-102	5.1	8
119	An experimental investigation of the stability of ethylcellulose latex: correlation between zeta potential and sedimentation. *European Journal of Pharmaceutical Sciences*, **2005**, 26, 170-5	5.1	44
118	Determination of stagnant layer conductivity in polystyrene suspensions: temperature effects. *Journal of Colloid and Interface Science*, **2005**, 281, 503-9	9.3	15
117	Stabilization of magnetorheological suspensions by polyacrylic acid polymers. *Journal of Colloid and Interface Science*, **2005**, 284, 527-41	9.3	93
116	Optical properties of dilute hematite/silicone oil suspensions under low electric fields. *Journal of Colloid and Interface Science*, **2005**, 287, 351-9	9.3	16
115	Stability and magnetic characterization of oleate-covered magnetite ferrofluids in different nonpolar carriers. *Journal of Colloid and Interface Science*, **2005**, 291, 144-51	9.3	111
114	Effects of increasing doses of activated recombinant factor VII on haemostatic parameters in swine. *Thrombosis and Haemostasis*, **2005**, 93, 275-83	7	23
113	Measurement and Interpretation of Electrokinetic Phenomena (IUPAC Technical Report). *Pure and Applied Chemistry*, **2005**, 77, 1753-1805	2.1	423
112	Loading of 5-Fluorouracil to Poly(ethyl-2-cyanoacrylate) Nanoparticles with a Magnetic Core. *Journal of Biomedical Nanotechnology*, **2005**, 1, 214-223	4	26
111	Effects of electric fields and volume fraction on the rheology of hematite/silicone oil suspensions. *Rheologica Acta*, **2004**, 44, 71-79	2.3	26
110	Structural design of the dry fibrin sealant dressing and its impact on the hemostatic efficacy of the product. *Journal of Biomedical Materials Research Part B*, **2004**, 70, 114-21		21
109	Dynamic mobility of concentrated suspensions. Comparison between different calculations. *Physical Chemistry Chemical Physics*, **2004**, 6, 1446-1452	3.6	23

108	Application of a granular mineral-based hemostatic agent (QuikClot) to reduce blood loss after grade V liver injury in swine. *Journal of Trauma*, **2004**, 57, 555-62; discussion 562		97
107	A rheological approach to the stability of humic acid/clay colloidal suspensions. *Rheologica Acta*, **2003**, 42, 148-157	2.3	23
106	Cross section calculations of randomly oriented bispheres in the small particle regime. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2003**, 78, 179-186	2.1	6
105	Electrokinetic study of omeprazole drug in aqueous suspensions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2003**, 218, 21-26	5.1	3
104	Dielectric response of concentrated colloidal suspensions. *Journal of Chemical Physics*, **2003**, 118, 1945-1956	3.9	74
103	Influence of Double-Layer Overlap on the Electrophoretic Mobility and DC Conductivity of a Concentrated Suspension of Spherical Particles. *Journal of Physical Chemistry B*, **2003**, 107, 3199-3206	3.4	37
102	Aging effects in the electrokinetics of colloidal iron oxides. *Journal of Colloid and Interface Science*, **2002**, 245, 86-90	9.3	48
101	Analysis of the dielectric permittivity of suspensions by means of the logarithmic derivative of its real part. *Journal of Colloid and Interface Science*, **2002**, 249, 327-35	9.3	67
100	Electrokinetics of concentrated suspensions of spherical colloidal particles with surface conductance, arbitrary zeta potential, and double-layer thickness in static electric fields. *Journal of Colloid and Interface Science*, **2002**, 252, 126-37	9.3	71
99	Stability of dispersions of colloidal hematite/yttrium oxide core-shell particles. *Journal of Colloid and Interface Science*, **2002**, 252, 102-8	9.3	28
98	Effect of ionic mobility on the enhanced dielectric and electro-optic susceptibility of suspensions: Theory and experiments. *Journal of Chemical Physics*, **2002**, 116, 10973-10980	3.9	13
97	EFFECT OF MAGNETIC HYSTERESIS OF THE SOLID PHASE ON THE RHEOLOGICAL PROPERTIES OF MR FLUIDS. *International Journal of Modern Physics B*, **2002**, 16, 2576-2582	1.1	11
96	Different hypotensive responses to intravenous bovine and human thrombin preparations in swine. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 50, 83-90	9.4	20
95	Electrical surface charge and potential of hematite/yttrium oxide core□hell colloidal particles. *Colloid and Polymer Science*, **2001**, 279, 1206-1211	2.4	19
94	Scattering cross sections of randomly oriented coated spheroids. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2001**, 70, 261-272	2.1	9
93	Thin double layer theory of the wide-frequency range dielectric dispersion of suspensions of non-conducting spherical particles including surface conductivity of the stagnant layer. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2001**, 192, 253-265	5.1	96
92	Sedimentation velocity and potential in a concentrated colloidal suspension. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2001**, 195, 157-169	5.1	37
91	Electrokinetic and viscoelastic properties of magnetorheological suspensions of cobalt ferrite. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2001**, 195, 181-188	5.1	14

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