

Federico Bordi

List of Publications by Year in descending order

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141
papers

3,419
citations

136950

32
h-index

214800

47
g-index

141
all docs

141
docs citations

141
times ranked

4106
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric spectroscopy and conductivity of polyelectrolyte solutions. <i>Journal of Physics Condensed Matter</i> , 2004, 16, R1423-R1463.	1.8	181
2	Reduction of the contribution of electrode polarization effects in the radiowave dielectric measurements of highly conductive biological cell suspensions. <i>Bioelectrochemistry</i> , 2001, 54, 53-61.	4.6	132
3	New Cationic Liposomes as Vehicles of <i>m</i> -Tetrahydroxyphenylchlorin in Photodynamic Therapy of Infectious Diseases. <i>Molecular Pharmaceutics</i> , 2008, 5, 672-679.	4.6	94
4	Electrical Conductivity of Polyelectrolyte Solutions in the Semidilute and Concentrated Regime: The Role of Counterion Condensation. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6887-6893.	2.6	87
5	Re-entrant DNA gels. <i>Nature Communications</i> , 2016, 7, 13191.	12.8	69
6	Complexation of Anionic Polyelectrolytes with Cationic Liposomes: Evidence of Reentrant Condensation and Lipoplex Formation. <i>Langmuir</i> , 2004, 20, 5214-5222.	3.5	63
7	Lipase-supported synthesis of peptidic hydrogels. <i>Soft Matter</i> , 2010, 6, 2525.	2.7	62
8	Direct Evidence of Multicompartment Aggregates in Polyelectrolyte-Charged Liposome Complexes. <i>Biophysical Journal</i> , 2006, 91, 1513-1520.	0.5	61
9	Charge patch attraction and reentrant condensation in DNA-liposome complexes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1714, 11-24.	2.6	60
10	Dielectric spectroscopy of erythrocyte cell suspensions. A comparison between Looyenga and Maxwell-Wagner-Hanai effective medium theory formulations. <i>Journal of Non-Crystalline Solids</i> , 2002, 305, 278-284.	3.1	58
11	Aggregation of Gramicidin A in Phospholipid Langmuir-Blodgett Monolayers. <i>Biophysical Journal</i> , 2002, 82, 3198-3206.	0.5	58
12	Evidence of Domain Formation in Cardiolipin-Glycerophospholipid Mixed Monolayers. A Thermodynamic and AFM Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15950-15957.	2.6	58
13	Structure-activity relationships of <i>Candida rugosa</i> lipase immobilized on polylactic acid nanoparticles. <i>Soft Matter</i> , 2011, 7, 2653.	2.7	56
14	Exploring the Potentiality of a SERS-Active pH Nano-Biosensor. <i>Frontiers in Chemistry</i> , 2019, 7, 413.	3.6	51
15	Chitosan-DNA complexes: Charge inversion and DNA condensation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 1-10.	5.0	47
16	Graphene Meets Microbubbles: A Superior Contrast Agent for Photoacoustic Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16465-16475.	8.0	47
17	Frequency domain electrical conductivity measurements of the passive electrical properties of human lymphocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1153, 77-88.	2.6	44
18	A Dynamic Light Scattering Study of Hydrogels Based on Telechelic Poly(vinyl alcohol). <i>Journal of Physical Chemistry B</i> , 2000, 104, 11019-11026.	2.6	44

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19	Counterion condensation of differently flexible polyelectrolytes in aqueous solutions in the dilute and semidilute regime. <i>Physical Review E</i> , 2009, 79, 011804.	2.1	44
20	Large equilibrium clusters in low-density aqueous suspensions of polyelectrolyte-liposome complexes: A phenomenological model. <i>Physical Review E</i> , 2005, 71, 050401.	2.1	41
21	Hybrid Niosome Complexation in the Presence of Oppositely Charged Polyions. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3720-3727.	2.6	40
22	Determination of Polyelectrolyte Charge and Interaction with Water Using Dielectric Spectroscopy. <i>Macromolecules</i> , 2002, 35, 7031-7038.	4.8	39
23	Conductometric properties of human erythrocyte membranes: dependence on haematocrit and alkali metal ions of the suspending medium. <i>European Biophysics Journal</i> , 1997, 26, 215-225.	2.2	38
24	Polyelectrolyte-induced aggregation of liposomes: a new cluster phase with interesting applications. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 203102.	1.8	38
25	On-chip detection of multiple serum antibodies against epitopes of celiac disease by an array of amorphous silicon sensors. <i>RSC Advances</i> , 2014, 4, 2073-2080.	3.6	38
26	Impedance measurements of self-assembled lipid bilayer membranes on the tip of an electrode. <i>Bioelectrochemistry</i> , 2002, 57, 39-46.	4.6	37
27	Designing unconventional Fmoc-peptide-based biomaterials: structure and related properties. <i>Soft Matter</i> , 2014, 10, 1944.	2.7	37
28	Morphological and Functional Alterations of Human Erythrocytes Induced by SiO ₂ Particles: An Electron Microscopy and Dielectric Spectroscopy Study. <i>Environmental Research</i> , 1999, 80, 197-207.	7.5	36
29	Chemical and physical hydrogels: two casesystems studied by quasi elastic light scattering. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 304, 119-128.	2.6	35
30	A novel method to obtain chitosan/DNA nanospheres and a study of their release properties. <i>Nanotechnology</i> , 2008, 19, 055302.	2.6	35
31	Azurin Self-Assembled Monolayers Characterized by Coupling Electrical Impedance Spectroscopy and Spectroscopic Ellipsometry. <i>Journal of Physical Chemistry B</i> , 2004, 108, 20263-20272.	2.6	34
32	Distribution of GD3 in DPPC Monolayers: A Thermodynamic and Atomic Force Microscopy Combined Study. <i>Biophysical Journal</i> , 2004, 86, 321-328.	0.5	32
33	Correlated adsorption of polyelectrolytes in the "charge inversion" of colloidal particles. <i>Europhysics Letters</i> , 2004, 68, 296-302.	2.0	32
34	Chitosan-DNA complexes: Effect of molecular parameters on the efficiency of delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 460, 184-190.	4.7	32
35	Time evolution of the formation of different size cationic liposome-polyelectrolyte complexes. <i>Bioelectrochemistry</i> , 2003, 59, 99-106.	4.6	30
36	Aggregation and stability of polyelectrolyte-decorated liposome complexes in water-salt media. <i>Soft Matter</i> , 2012, 8, 9384.	2.7	30

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37	Equilibrium gels of trivalent DNA-nanostars: Effect of the ionic strength on the dynamics. <i>European Physical Journal E</i> , 2015, 38, 64.	1.6	29
38	Multicompartment vectors as novel drug delivery systems: selective activation of T _H 1 lymphocytes after zoledronic acid delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 153-161.	3.3	28
39	Glucose level determination with a multi-enzymatic cascade reaction in a functionalized glass chip. <i>Analyst</i> , 2013, 138, 5019.	3.5	28
40	Fusion of gemini based cationic liposomes with cell membrane models: implications for their biological activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 382-390.	2.6	28
41	Salt-induced aggregation in cationic liposome aqueous suspensions resulting in multi-step self-assembling complexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 26, 341-350.	5.0	27
42	Charged lipid monolayers at the air-water interface: coupling to polyelectrolytes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 29, 149-157.	5.0	27
43	On the phase diagram of reentrant condensation in polyelectrolyte-liposome complexation. <i>Journal of Chemical Physics</i> , 2004, 121, 4936-4940.	3.0	27
44	Influence of temperature on microdomain organization of mixed cationic-zwitterionic lipidic monolayers at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 61, 304-310.	5.0	27
45	Next generation ultrasound platforms for theranostics. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 151-160.	9.4	26
46	Extracellular Vesicles Derived From <i>Citrus sinensis</i> Modulate Inflammatory Genes and Tight Junctions in a Human Model of Intestinal Epithelium. <i>Frontiers in Nutrition</i> , 2021, 8, 778998.	3.7	26
47	Polyions act as an electrostatic glue for mesoscopic particle aggregates. <i>Chemical Physics Letters</i> , 2005, 409, 134-138.	2.6	25
48	Interaction between like-charged polyelectrolyte-colloid complexes in electrolyte solutions: A Monte Carlo simulation study in the Debye-Hückel approximation. <i>Journal of Chemical Physics</i> , 2010, 133, 024901.	3.0	25
49	Colloidal particle aggregates induced by particle surface charge heterogeneity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 343, 34-42.	4.7	24
50	Double Charge Inversion in Polyethylenimine-Decorated Liposomes. <i>Langmuir</i> , 2012, 28, 10534-10542.	3.5	24
51	Hyaluronan-cholesterol nanohydrogels: Characterisation and effectiveness in carrying alginate lyase. <i>New Biotechnology</i> , 2017, 37, 80-89.	4.4	24
52	Biophysical and biological contributions of polyamine-coated carbon nanotubes and bidimensional buckypapers in the delivery of miRNAs to human cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 13, 1-18.	6.7	24
53	Assembling patchy plasmonic nanoparticles with aggregation-dependent antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 419-428.	9.4	24
54	A comparative study of the high-frequency dielectric properties of poly(L-glutamate) and poly(D-glutamate) aqueous solutions. , 1996, 40, 485-494.		23

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55	How stereochemistry affects the physicochemical features of gemini surfactant based cationic liposomes. <i>Soft Matter</i> , 2012, 8, 5904.	2.7	23
56	Electrical conductivity of aqueous polyelectrolyte solutions in the presence of counterion condensation: The scaling approach revisited. <i>Physical Review E</i> , 2002, 66, 021803.	2.1	22
57	Mid-Infrared Surface Plasmon Polariton Sensors Resonant with the Vibrational Modes of Phospholipid Layers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19119-19126.	3.1	22
58	Ultrasound well below the intensity threshold of cavitation can promote efficient uptake of small drug model molecules in fibroblast cells. <i>Drug Delivery</i> , 2013, 20, 285-295.	5.7	22
59	Biosynthesis and Characterization of Cross-Linked Fmoc Peptide-Based Hydrogels for Drug Delivery Applications. <i>Gels</i> , 2015, 1, 179-193.	4.5	22
60	Determination of cell membrane passive electrical properties using frequency domain dielectric spectroscopy technique. A new approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1028, 201-204.	2.6	21
61	Properties of Mixed DOTAP ⁺ DPPC Bilayer Membranes as Reported by Differential Scanning Calorimetry and Dynamic Light Scattering Measurements. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10032-10039.	2.6	21
62	Improved stability and efficacy of chitosan/pDNA complexes for gene delivery. <i>Biotechnology Letters</i> , 2015, 37, 557-565.	2.2	21
63	Ultrastructural and spectroscopic methods in the study of anthracycline-membrane interaction. <i>Pharmacological Research</i> , 1995, 32, 255-272.	7.1	20
64	Interactions of anthracyclines with zwitterionic phospholipid monolayers at the air-water interface. <i>Bioelectrochemistry</i> , 1999, 49, 51-56.	1.0	19
65	Two-step mechanism in cationic lipoplex formation as observed by dynamic light scattering, dielectric relaxation and circular dichroism methods. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2708-2713.	2.8	19
66	Salt-induced reentrant stability of polyion-decorated particles with tunable surface charge density. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 109-120.	5.0	19
67	Influence of drug/lipid interaction on the entrapment efficiency of isoniazid in liposomes for antitubercular therapy: a multi-faced investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112054.	5.0	19
68	Water droplet charging process in water-in-oil microemulsions: an electrical conductivity study. <i>Colloid and Polymer Science</i> , 1998, 276, 1044-1049.	2.1	18
69	Equilibrium particle aggregates in attractive colloidal suspensions. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S3423-S3432.	1.8	18
70	Overcharging and reentrant condensation of thermoresponsive ionic microgels. <i>Soft Matter</i> , 2018, 14, 4110-4125.	2.7	18
71	The Double-Faced Electrostatic Behavior of PNIPAm Microgels. <i>Polymers</i> , 2021, 13, 1153.	4.5	18
72	Interactions of mono- and di-sialogangliosides with phospholipids in mixed monolayers at air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 1999, 13, 135-142.	5.0	17

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73	Identification and Partial Characterization of Two Populations of Protasomes by a Combination of Dynamic Light Scattering and Proteomic Analysis. <i>Journal of Membrane Biology</i> , 2015, 248, 991-1004.	2.1	17
74	Electrical conductivity of colloidal systems during irreversible aggregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1990, 164, 663-672.	2.6	16
75	Polyelectrolyte-liposome complexes: An equilibrium cluster phase close to the isoelectric condition. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 270-271, 138-147.	4.7	16
76	Solvent quality influence on the dielectric properties of polyelectrolyte solutions: A scaling approach. <i>Physical Review E</i> , 2005, 72, 031806.	2.1	16
77	Effect of Gd ³⁺ on the colloidal stability of liposomes. <i>Physical Review E</i> , 2006, 74, 031913.	2.1	16
78	Synthesis and Physicochemical Characterization of New Twin-Tailed <i>N</i> -Oxide Based Gemini Surfactants. <i>Langmuir</i> , 2010, 26, 6177-6183.	3.5	16
79	Polymeric hollow micro and nanospheres for biotechnological applications: A focused review. <i>Materials Letters</i> , 2013, 109, 134-139.	2.6	16
80	Biophysical Characterization of Membrane Phase Transition Profiles for the Discrimination of Outer Membrane Vesicles (OMVs) From <i>Escherichia coli</i> Grown at Different Temperatures. <i>Frontiers in Microbiology</i> , 2020, 11, 290.	3.5	16
81	Alteration of the passive electrical properties of lymphocyte membranes induced by GM1 and GM3 glycolipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1111, 197-203.	2.6	15
82	ESR dose assessment in irradiated chicken legs. <i>Radiation Physics and Chemistry</i> , 1994, 43, 487-491.	2.8	15
83	Side-chain dynamics in poly(β -glutamate) and poly(β -glutamate) aqueous solutions: a high-frequency dielectric investigation. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 1555-1561.	2.8	15
84	Occurrence of an Intermediate Relaxation Process in Water-in-Oil Microemulsions below Percolation: The Electrical Modulus Formalism. <i>Journal of Colloid and Interface Science</i> , 2001, 237, 224-229.	9.4	15
85	Dielectric Relaxations in Aqueous Polyelectrolyte Solutions: A Scaling Approach and the Role of the Solvent Quality Parameter. <i>Langmuir</i> , 2002, 18, 6404-6409.	3.5	15
86	P-glycoprotein inserted in planar lipid bilayers formed by liposomes opened on amorphous carbon and Langmuir-Blodgett monolayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1559, 21-31.	2.6	15
87	Charge Renormalization in Planar and Spherical Charged Lipidic Aqueous Interfaces. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4808-4814.	2.6	15
88	Polyion-induced liposomal vesicle aggregation: A radiowave dielectric relaxation study. <i>Journal of Chemical Physics</i> , 2007, 126, 024902.	3.0	15
89	Effect of Temperature on the Reentrant Condensation in Polyelectrolyte-liposome Complexation. <i>Langmuir</i> , 2008, 24, 12181-12188.	3.5	15
90	An alternative procedure for ESR identification of irradiated chicken drumsticks. <i>Applied Radiation and Isotopes</i> , 1993, 44, 443-447.	1.5	14

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91	Dielectric scaling in polyelectrolyte solutions with different solvent quality in the dilute concentration regime. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3653.	2.8	14
92	Conductometric evidence for intact polyion-induced liposome clusters. <i>Journal of Colloid and Interface Science</i> , 2006, 304, 512-517.	9.4	14
93	Role of Cholesterol, DOTAP, and DPPC in Prostate/Spermatozoa Interaction and Fusion. <i>Journal of Membrane Biology</i> , 2006, 211, 185-190.	2.1	14
94	Counterion release in overcharging of polyion-liposome complexes. <i>Physical Review E</i> , 2006, 74, 030402.	2.1	14
95	Structural and permeability sensitivity of cells to low intensity ultrasound: Infrared and fluorescence evidence in vitro. <i>Ultrasonics</i> , 2014, 54, 1020-1028.	3.9	14
96	Complex interfaces in "phase-change" contrast agents. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8378-8388.	2.8	14
97	Scaling Behavior of the High-Frequency Dielectric Properties of Poly-L-lysine Aqueous Solutions. <i>Macromolecules</i> , 2000, 33, 1910-1916.	4.8	13
98	Kinetic arrest in polyion-induced inhomogeneously charged colloidal particle aggregation. <i>European Physical Journal E</i> , 2009, 29, 229-237.	1.6	13
99	Rifampicin "Liposomes for Mycobacterium abscessus Infection Treatment: Intracellular Uptake and Antibacterial Activity Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1070.	4.5	13
100	Alteration of the passive electrical properties of adriamycin-treated red cell membrane deduced from dielectric spectroscopy. <i>Bioelectrochemistry</i> , 1991, 26, 177-192.	1.0	12
101	Strong repulsive interactions in polyelectrolyte-liposome clusters close to the isoelectric point: A sign of an arrested state. <i>Physical Review E</i> , 2007, 76, 061403.	2.1	12
102	Incorporation of the bacterial reaction centre into dendrimersomes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 413, 38-43.	4.7	12
103	Quasi-elastic light scattering from large anisotropic particles: application to the red blood cells. <i>Bioelectrochemistry</i> , 2000, 52, 213-221.	4.6	11
104	Conductometric properties of linear polyelectrolytes in poor-solvent condition: The necklace model. <i>Journal of Chemical Physics</i> , 2005, 122, 234906.	3.0	11
105	Radiofrequency dielectric loss relaxation in polyion-induced liposome aggregates. <i>Journal of Colloid and Interface Science</i> , 2007, 309, 366-372.	9.4	11
106	A New Nanostructured Stationary Phase for Ultra-Thin Layer Chromatography: A Brush-Gel Polymer Film. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 1155-1163.	0.4	11
107	PLGA based particles as "drug reservoir" for antitumor drug delivery: characterization and cytotoxicity studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 495-502.	5.0	10
108	Infrared spectra of phosphatidylethanolamine "cardiolipin binary system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 64, 56-64.	5.0	9

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109	Phenomenological surface characterization of cationic-lipid monolayers in the presence of oppositely charged polyions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 319, 51-61.	4.7	9
110	Adsorption of <i>Candida rugosa</i> lipase at water-polymer interface: The case of poly(DL)lactide. <i>Surface Science</i> , 2011, 605, 2017-2024.	1.9	9
111	Potential genotoxic effects of low-intensity ultrasound on fibroblasts, evaluated with the cytokinesis-block micronucleus assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 772, 20-24.	1.7	9
112	Monosialoganglioside-GM1 triggers binding of the amyloid-protein salmon calcitonin to a Langmuir membrane model mimicking the occurrence of lipid-rafts. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 365-375.	1.3	9
113	Influence of anthracycline antibiotics on membranes of human erythrocytes: A combined radiowave electrical conductivity and electron microscopy study. <i>Bioelectrochemistry</i> , 1994, 34, 45-51.	1.0	8
114	Ion transport in lipid bilayer membranes through aqueous pores. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 159, 231-237.	4.7	8
115	New pyrenyl fluorescent amphiphiles: synthesis and aggregation properties. <i>Soft Matter</i> , 2011, 7, 8525.	2.7	8
116	Passive electrical properties of biological cell membranes determined from Maxwell-Wagner conductivity dispersion measurements. <i>Bioelectrochemistry</i> , 1989, 22, 135-144.	1.0	7
117	Influence of different glycosphingolipids on the conductometric properties of a model phospholipid membrane system. <i>Colloids and Surfaces B: Biointerfaces</i> , 1996, 7, 39-46.	5.0	7
118	Cluster Organization of Glycosphingolipid GD1a in Lipid Bilayer Membranes: A Dielectric and Conductometric Study. <i>Langmuir</i> , 1999, 15, 2493-2499.	3.5	7
119	Hydrodynamic Radii and Lipid Transfer in Proctosome Self-Fusion. <i>Archives of Biochemistry and Biophysics</i> , 2001, 396, 10-15.	3.0	7
120	Structural Alteration of Erythrocyte Membrane during Storage: a Combined Electrical Conductometric and Flow-Cytometric Study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 857-864.	1.4	7
121	Interaction of gadolinium with phospholipids bilayer membranes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 199-203.	3.6	7
122	Role of macrophage activation in the lipid metabolism of postprandial triacylglycerol-rich lipoproteins. <i>Experimental Biology and Medicine</i> , 2013, 238, 98-110.	2.4	7
123	Molecular dynamics in sodium poly (L-glutamate) aqueous solutions analyzed by means of the stretched exponential decay of the williams-watts function. <i>Biopolymers</i> , 1995, 36, 539-545.	2.4	6
124	Effect of polymer adsorption on PEO-coated latex particles during salt-induced aggregation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 160, 189-198.	4.7	6
125	Structural alteration of erythrocyte cell membrane in presence of artificial prostheses: A radiowave dielectric spectroscopy study. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 59, 100-109.	3.1	6
126	Does a cluster phase in polyion-liposome colloidal suspensions exist? An integrated experimental overview. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 306, 102-110.	4.7	6

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127	Examination of the influence of F6H10 fluorinated diblocks on DPPC liposomes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 301-304.	3.6	6
128	Temperature-Tunable Nanoparticles for Selective Biointerface. <i>Biomacromolecules</i> , 2015, 16, 1753-1760.	5.4	6
129	Electrical conductivity and ion permeation in planar lipid membranes. <i>Bioelectrochemistry</i> , 1996, 41, 197-200.	1.0	5
130	Dielectric properties of poly(3-hydroxybutyrate) gels in dimethylformamide. <i>Polymer</i> , 1996, 37, 3501-3507.	3.8	4
131	Responsivity of Fractal Nanoparticle Assemblies to Multiple Stimuli: Structural Insights on the Modulation of the Optical Properties. <i>Nanomaterials</i> , 2022, 12, 1529.	4.1	4
132	A phenomenological approach to relaxation in disordered systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 140, 269-278.	4.7	3
133	High-frequency dielectric and conductometric properties of poly-L-lysine aqueous solutions at the crossover between semidilute and entangled regime. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 3123-3130.	2.1	3
134	Aggregation behaviour of triphenylphosphonium bolaamphiphiles. <i>Journal of Colloid and Interface Science</i> , 2018, 531, 451-462.	9.4	3
135	Synthesis and Characterization of Mitochondria-Targeted Triphenylphosphonium Bolaamphiphiles. <i>Methods in Molecular Biology</i> , 2021, 2275, 27-47.	0.9	2
136	Conductometric study of poly(ethylene oxide)â€™water interactions in electrolyte solutions. <i>Colloids and Surfaces</i> , 1989, 35, 337-342.	0.9	1
137	Polyelectrolyte coupling to charged lipid monolayers and to cationic liposomes. , 2004, , 47-50.		1
138	Are aortic endograft prostheses fully hemo-compatible? A dielectric spectroscopy investigation of the electrical alterations induced on erythrocyte cell membranes. <i>Biomedical Materials (Bristol)</i> , 2007, 2, 26-31.	3.3	1
139	Differential Fano interference spectroscopy of subwavelength hole arrays for mid-infrared mass sensors. , 2013, , .		1
140	Balanced Laser Transmission Spectroscopy Based on a Tunable Gain Double Channel LIA for Nanoparticles Detection in Biomedical Applications. , 2019, , .		1
141	Dielectric study of low-molecular weight mannan triacetate in chloroform. <i>International Journal of Biological Macromolecules</i> , 1987, 9, 95-97.	7.5	0