Felix Sarmiento

List of Publications by Year in descending order

106 papers	2,615 citations	172207 29 h-index	243296 44 g-index
109 all docs	109 docs citations	109 times ranked	2040 citing authors

#	Article	IF	Citations
1	Stable clusters in liposomic systems. Soft Matter, 2012, 8, 3212.	1.2	14
2	Double Charge Inversion in Polyethylenimine-Decorated Liposomes. Langmuir, 2012, 28, 10534-10542.	1.6	24
3	Interaction of human serum albumin with monofluorinated phospholipid monolayers. Journal of Colloid and Interface Science, 2012, 388, 162-169.	5.0	8
4	Monolayer and Brewster angle microscopy study of human serum albuminâ€"Dipalmitoyl phosphatidyl choline mixtures at the airâ€"water interface. Colloids and Surfaces B: Biointerfaces, 2012, 92, 64-73.	2.5	33
5	Influence of temperature on the colloidal stability of the F-DPPC and DPPC liposomes induced by lanthanum ions. Journal of Colloid and Interface Science, 2012, 367, 193-198.	5.0	12
6	Thermodynamic and elastic fluctuation analysis of langmuir mixed monolayers composed by dehydrocholic acid (HDHC) and didodecyldimethylammonium bromide (DDAB). Colloids and Surfaces B: Biointerfaces, 2010, 75, 34-41.	2.5	11
7	Ca2+- and Mg2+-induced molecular interactions in a dehydrocholic acid/didodecyldimethylammonium bromide mixed monolayer. Colloid and Polymer Science, 2010, 288, 449-459.	1.0	6
8	Thermodynamic study of functionalized calix[n]arene and resorcinol[n]arene monolayers spreaded at an aqueous pendant drop. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 343-352.	1.6	3
9	Insertion of semifluorinated diblocks on DMPC and DPPC liposomes. Influence on the gel and liquid states of the bilayer. Journal of Colloid and Interface Science, 2010, 348, 388-392.	5.0	8
10	Studying Colloidal Aggregation Using Liposomes. Methods in Molecular Biology, 2010, 606, 189-198.	0.4	4
11	A comparative study of F-DPPC/DPPC mixed monolayers. Influence of subphase temperature on F-DPPC and DPPC monolayers. Physical Chemistry Chemical Physics, 2010, 12, 13323.	1.3	50
12	Surface films of short fluorocarbonâ€"hydrocarbon diblocks studied by molecular dynamics simulations: Spontaneous formation of elongated hemimicelles. Journal of Colloid and Interface Science, 2009, 329, 351-356.	5.0	14
13	Phase behavior of semifluorinated catanionic mixtures: Head group dependence and spontaneous formation of vesicles. Journal of Colloid and Interface Science, 2009, 331, 522-531.	5.0	18
14	Interactions in binary mixed systems involving betablockers with different lipophilicity as a function of temperature and mixed ratios. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 334, 116-123.	2.3	8
15	Langmuir Monolayers of a Hydrogenated/Fluorinated Catanionic Surfactant: From the Macroscopic to the Nanoscopic Size Scale. Langmuir, 2009, 25, 8075-8082.	1.6	11
16	Interactions between DMPC Liposomes and the Serum Blood Proteins HSA and IgG. Journal of Physical Chemistry B, 2009, 113, 1655-1661.	1.2	49
17	Spread mixed monolayers of deoxycholic and dehydrocholic acids at the airâ€"water interface, effect of subphase pH. Characterization by axisymmetric drop shape analysis. Biophysical Chemistry, 2008, 132, 39-46.	1.5	8
18	A study on the protein concentration dependence of the thermodynamics of micellization. Journal of Chemical Thermodynamics, 2008, 40, 1445-1450.	1.0	13

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19	Electrophoretic and spectroscopic characterization of the protein patterns formed in different surfactant solutions. International Journal of Biological Macromolecules, 2008, 42, 22-26.	3.6	6
20	Aggregation of liposomes in presence of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>La</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:m A study of the fractal dimension. Physical Review E, 2007, 76, 011408.	0.8	19
21	A Potentiometric and Spectroscopic Study on the Interaction Between Human Immunoglobulin G and Sodium Perfluorooctanoate in Aqueous Solution. Macromolecular Symposia, 2007, 251, 103-111.	0.4	0
22	The Influence of Sodium Perfluorooctanoate on the Conformational Transitions of Human Immunoglobulin. Journal of Physical Chemistry B, 2007, 111, 8045-8052.	1.2	7
23	Different Thermal Unfolding Pathways of Catalase in the Presence of Cationic Surfactants. Journal of Physical Chemistry B, 2007, 111, 2113-2118.	1.2	16
24	New considerations of the Poissonâ€“Boltzmann equation. Physica A: Statistical Mechanics and Its Applications, 2007, 377, 15-23.	1.2	0
25	The aqueous catanionic system sodium perfluorooctanoateâ€“dodecyltrimethylammonium bromide at low concentration. Journal of Colloid and Interface Science, 2007, 312, 425-431.	5.0	22
26	On relationships between surfactant type and globular proteins interactions in solution. Journal of Colloid and Interface Science, 2007, 316, 37-42.	5.0	31
27	Regarding the Effect that Different Hydrocarbon/Fluorocarbon Surfactant Mixtures Have on Their Complexation with HSA. Journal of Physical Chemistry B, 2006, 110, 11369-11376.	1.2	30
28	Effects of Fluorinated and Hydrogenated Surfactants on Human Serum Albumin at Different pHs. Biomacromolecules, 2006, 7, 176-182.	2.6	33
29	The nature of the coacervate formed in the aqueous dodecyltrimethylammonium bromideâ€“sodium 10-undecenoate mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 277, 75-82.	2.3	15
30	Volumetric properties of sodium perfluoroalkylcarboxylates in aqueous solutions at different temperatures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 290, 50-55.	2.3	2
31	Characterization of phospholipid+semifluorinated alkane vesicle system. Colloids and Surfaces B: Biointerfaces, 2006, 47, 64-70.	2.5	20
32	The critical micelle concentration of tetraethylammonium perfluorooctylsulfonate in water. Journal of Colloid and Interface Science, 2006, 294, 458-465.	5.0	15
33	Thermodynamics of micellization of tetraethylammonium perfluorooctylsulfonate in water. Journal of Colloid and Interface Science, 2006, 297, 10-21.	5.0	13
34	Surface characterization of human serum albumin and sodium perfluorooctanoate mixed solutions by pendant drop tensiometry and circular dichroism. Biopolymers, 2006, 82, 261-271.	1.2	27
35	Effect ofGd3+on the colloidal stability of liposomes. Physical Review E, 2006, 74, 031913.	0.8	16
36	A comparative study of the physicochemical properties of perfluorinated and hydrogenated amphiphiles. Journal of Colloid and Interface Science, 2005, 288, 247-260.	5.0	71

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37	Partial molar volumes and partial molar adiabatic compressibilities of a short chain perfluorosurfactant: Sodium heptafluorobutyrate in aqueous solutions at different temperatures. Journal of Chemical Thermodynamics, 2005, 37, 1351-1355.	1.0	4
38	Application of thermodynamic models to study micellar properties of sodium perfluoroalkyl carboxylates in aqueous solutions. Chemical Physics, 2005, 313, 245-259.	0.9	18
39	Ultraviolet-circular dichroism spectroscopy and potentiometric study of the interaction between human serum albumin and sodium perfluorooctanoate. Biopolymers, 2005, 79, 300-309.	1.2	28
40	The aggregation of sodium perfluorooctanoate in water. Colloid and Polymer Science, 2005, 283, 862-871.	1.0	97
41	Conformational Changes in Human Serum Albumin Induced by Sodium Perfluorooctanoate in Aqueous Solutions. Journal of Physical Chemistry B, 2005, 109, 15566-15573.	1.2	36
42	On the Effect of Ca2+and La3+on the Colloidal Stability of Liposomes. Langmuir, 2005, 21, 10968-10975.	1.6	35
43	Counterion effect on the solution and thermodynamic properties of lithium perfluoroalkanoates. Molecular Physics, 2005, 103, 3271-3281.	0.8	19
44	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2004, 102, 1979-1980.	0.8	0
45	Physicochemical study of ovalbumin in the presence of sodium dodecyl sulphate in aqueous media. Colloid and Polymer Science, 2004, 282, 351-356.	1.0	27
46	Apparent molar quantities of sodium octanoate in aqueous solutions. Colloid and Polymer Science, 2004, 282, 1133-1139.	1.0	15
47	The selfâ€aggregation of sodium perfluorooctanoate in aqueous solution at different temperatures. Journal of Surfactants and Detergents, 2004, 7, 387-395.	1.0	17
48	Colloidal properties of benzylpenicillin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 236, 121-131.	2.3	10
49	Self-assembly of sodium heptafluorobutyrate in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 41-44.	2.3	18
50	Study of the interaction between lysozyme and sodium octanoate in aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 45-50.	2.3	11
51	A study of the interaction between proteins and fully-fluorinated and fully-hydrogenated surfactants by Î¶-potential measurements. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 51-55.	2.3	44
52	A volumetric study of two related amphiphilic beta-blockers as a function of temperature and electrolyte concentration. Colloids and Surfaces B: Biointerfaces, 2004, 33, 165-175.	2.5	36
53	Structural Micellar Transition for Fluorinated and Hydrogenated Sodium Carboxylates Induced by Solubilization of Benzyl Alcohol. Langmuir, 2004, 20, 8476-8481.	1.6	3
54	Electrical Conductivities and Critical Micelle Concentrations (Determined by the Local Polynomial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemical & Engineering Data, 2004, 49, 1008-1012.	1.0	43

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55	Temperature-Sensitive Critical Micelle Transition of Sodium Octanoate. Langmuir, 2004, 20, 2512-2514.	1.6	25
56	A spectroscopic study of the interaction catalaseâ€“cationic surfactant (n-decyltrimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2004, 6, 816-821.	1.3	19
57	Surface behaviour of C5, C6, C7 and C8 lecithins at the aqueous solution/air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 216, 91-96.	2.3	14
58	Thermodynamic Study of Self-Assembly Behavior of Propranolol Hydrochloride in Aqueous Solutions as a Function of Electrolyte Concentration and Temperature. Journal of Chemical & Engineering Data, 2003, 48, 1597-1602.	1.0	10
59	The self-association of acebutolol: Conductometry and light scattering. Journal of Chemical Physics, 2003, 118, 5964-5970.	1.2	11
60	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2003, 101, 3185-3195.	0.8	27
61	Study of the interactions between lysozyme and a fully-fluorinated surfactant in aqueous solution at different surfactantâ€“protein ratios. International Journal of Biological Macromolecules, 2003, 33, 67-73.	3.6	45
62	Interactions Between Liposomes and Cations in Aqueous Solution. Journal of Liposome Research, 2003, 13, 131-145.	1.5	13
63	The surfactant characteristics of short-chain lecithins analyzed through lecithin-lecithin and lecithin-biopolymer interactions. , 2003, , 141-148.		5
64	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2003, 101, 3185-3195.	0.8	1
65	The Interaction of Human Serum Albumin with Dioctanoylphosphatidylcholine in Aqueous Solutions. Langmuir, 2002, 18, 3300-3305.	1.6	24
66	Surface Tensions, Critical Micelle Concentrations, and Standard Free Energies of Micellization of C8â^'Lecithin at Different pHs and Electrolyte Concentrations. Journal of Chemical & Engineering Data, 2002, 47, 1017-1021.	1.0	36
67	Thermodynamics of micellization of C7and C8lecithins. Molecular Physics, 2002, 100, 1633-1639.	0.8	3
68	A thermodynamic study of the aggregation process of oxacillin sodium salt in aqueous solution. Colloid and Polymer Science, 2002, 280, 624-629.	1.0	12
69	The micellization of dioctanoylphosphatidylcholine at low pH: a laser light scattering study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 203, 67-75.	2.3	4
70	A Comparative Study of the Interaction between Nafcillin and Catalase by Equilibrium Dialysis and Î¶-Potential Measurements. Journal of Physical Chemistry B, 2001, 105, 2644-2648.	1.2	29
71	Secondary structure of prothymosin Î± evidenced for conformational transitions induced by changes in temperature and concentration of n -dodecyltrimethylammonium bromide. European Biophysics Journal, 2001, 30, 242-249.	1.2	7
72	A study of the behaviour of ampicillin in aqueous solution and thermodynamic characterization of its aggregation. Molecular Physics, 2001, 99, 2003-2009.	0.8	5

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73	Thermodynamics of Association of Structurally Related Amphiphilic Penicillins. Journal of Colloid and Interface Science, 2000, 221, 242-245.	5.0	43
74	Micellar Behavior of n-Alkyl Sulfates in Binary Mixed Systems. Journal of Colloid and Interface Science, 2000, 223, 185-189.	5.0	19
75	The interaction between n -alkyl trimethylammonium bromides with poly(l -aspartate): a thermodynamics study. Colloid and Polymer Science, 2000, 278, 800-804.	1.0	19
76	Self-Association of the Penicillin Sodium Nafcillin in Aqueous Solution. Langmuir, 2000, 16, 3175-3181.	1.6	47
77	Determination of the aggregation properties of weakly self-associating systems by NMR techniques: the self-association of propranolol hydrochloride in aqueous electrolyte solution. Physical Chemistry Chemical Physics, 2000, 2, 1261-1265.	1.3	9
78	Light Scattering and NMR Studies on the Self-Aggregation of Sodiumn-Hexyl Sulfate in Aqueous Electrolyte Solution. Langmuir, 2000, 16, 1620-1625.	1.6	20
79	Interaction between Penicillins and Human Serum Albumin:Â A Î¶-Potential Study. Langmuir, 2000, 16, 6795-6800.	1.6	37
80	Interaction between Penicillins and Human Serum Albumin:Â A Thermodynamic Study of Micellar-like Clusters on a Protein. Langmuir, 2000, 16, 934-938.	1.6	38
81	Interaction of Amphiphilic Propranolol Hydrochloride with Haemoglobin and Albumin in Aqueous Solution. Langmuir, 2000, 16, 10449-10455.	1.6	21
82	Activity and Osmotic Coefficients of Promethazine and Chlorpromazine Hydrochlorides in Aqueous Solutions of Low Ionic Strength. Journal of Chemical & Engineering Data, 1999, 44, 941-943.	1.0	14
83	Thermodynamic study of the imipramineâ€“insulin interaction. Journal of Chemical Thermodynamics, 1999, 31, 1297-1306.	1.0	4
84	Thermodynamics of Micellization of Surfactants of Low Aggregation Number: The Aggregation of Propranolol Hydrochloride. Journal of Colloid and Interface Science, 1999, 210, 97-102.	5.0	39
85	Thermodynamics of Micellization of n-Alkyl Sulfates in an Alkaline Medium at Different Temperatures. Journal of Colloid and Interface Science, 1999, 214, 292-296.	5.0	30
86	Influence of Molecular Structure on the Ideality of Mixing in Micelles Formed in Binary Mixtures of Surface-Active Drugs. Journal of Colloid and Interface Science, 1999, 216, 270-275.	5.0	31
87	Effect of Electrolyte on the Surface and Thermodynamic Properties of Amphiphilic Penicillins. Journal of Colloid and Interface Science, 1999, 220, 288-292.	5.0	35
88	Conductivity and Relative Permittivity of Sodium n-Dodecyl Sulfate and n-Dodecyl Trimethylammonium Bromide. Journal of Chemical & Engineering Data, 1999, 44, 944-947.	1.0	19
89	Self-Association of Amphiphilic Penicillins in Aqueous Electrolyte Solution: A Light-Scattering and NMR Study. Langmuir, 1999, 15, 2022-2028.	1.6	69
90	Concentration Dependence of the Osmotic and Activity Coefficients of Imipramine and Clomipramine Hydrochlorides in Aqueous Solution. Journal of Chemical & Engineering Data, 1999, 44, 820-822.	1.0	27

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91	Self-Association of Penicillin V in Aqueous Solution. Langmuir, 1999, 15, 6285-6290.	1.6	41
92	Light Scattering and NMR Studies of the Self-Association of the Amphiphilic Molecule Propranolol Hydrochloride in Aqueous Electrolyte Solutions. Journal of Physical Chemistry B, 1999, 103, 7092-7096.	1.2	49
93	Thermodynamic Study of the Aggregation Behavior of Sodiumn-Hexyl Sulfate in Aqueous Solution. Langmuir, 1999, 15, 5265-5270.	1.6	46
94	Effect of Temperature on the Sodium 1-Hexyl Sulfateâ"Water System. Journal of Chemical & Engineering Data, 1999, 44, 1192-1194.	1.0	1
95	A Study of the Aggregation Behavior of Hexyltrimethylammonium Bromide in Aqueous Solution. Journal of Colloid and Interface Science, 1998, 206, 66-76.	5.0	117
96	Î¶-Potential Study on the Interactions between Lysozyme and Sodiumn-Alkylsulfates. Langmuir, 1998, 14, 5725-5729.	1.6	41
97	A Comparative Study of the Determination of the Critical Micelle Concentration by Conductivity and Dielectric Constant Measurements. Langmuir, 1998, 14, 4422-4426.	1.6	217
98	Micellization in Binary Mixtures of Amphiphilic Drugs. Journal of Colloid and Interface Science, 1996, 179, 478-481.	5.0	18
99	Self-Association of Phenothiazine Drugs: Influence of the Counterion on the Mode of Association. Journal of Colloid and Interface Science, 1996, 184, 658-662.	5.0	23
100	Characterization of the Interactions between Lysozyme andn-Alkyltrimethylammonium Bromides by Zeta Potential Measurements. The Journal of Physical Chemistry, 1996, 100, 16749-16753.	2.9	29
101	A Comparison of the Micellar Properties of Structurally Related Antidepressant Drugs. Journal of Colloid and Interface Science, 1995, 175, 201-206.	5.0	48
102	Denaturation of lysozyme by n-alkyltrimethylammonium bromides in alkaline solution. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 2805.	1.7	25
103	Thermodynamic studies on the interaction of n-alkyltrimethylammonium bromides with anionic polypeptides in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 2511.	1.7	10
104	Spectroscopic and microcalorimetric study of the interaction of n-alkyl sulfates with insulin in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 1963.	1.7	21
105	Thermodynamic studies on the interaction of n-alkyl sulfates with insulin in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1003.	1.7	19
106	Hydrogenated versus Fluorinated Surfactants. , 0, , 3107-3119.		1