Luciano Caseli

List of Publications by Year
in descending order

143 papers	3,436 citations	159573 30 h-index	182417 51 g-index
143 all docs	143 docs citations	143 times ranked	3041 citing authors

#	Article	IF	Citations
1	Graphene Oxide Modulating the Bioelectronic Properties of Penicillinase Immobilized in Lipid Langmuirâ€"Blodgett Films. Langmuir, 2022, 38, 2372-2378.	3.5	7
2	The Past and the Future of Langmuir and Langmuirâ€"Blodgett Films. Chemical Reviews, 2022, 122, 6459-6513.	47.7	155
3	Interfacial behavior of Proteinase K enzyme at air-saline subphase. Journal of Colloid and Interface Science, 2022, 616, 701-708.	9.4	1
4	Molecular organization of dengue fusion peptide in phospholipid monolayers revealed by tensiometry and vibrational spectroscopy. Colloids and Surfaces B: Biointerfaces, 2022, 215, 112477.	5.0	0
5	Unsaturated lipids modulating the interaction of the antileishmanial isolinderanolide E with models of cellular membranes. Bioorganic Chemistry, 2022, 124, 105814.	4.1	0
6	Sakuranetin Interacting With Cell Membranes Models: Surface Chemistry Combined With Molecular Simulation. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112546.	5.0	0
7	Interfacial properties of pectinase forming ultrathin films from a saline solution. Thin Solid Films, 2022, 753, 139293.	1.8	0
8	Biological activity of pectic polysaccharides investigated through biomembrane models formed at the air-water interface. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112530.	5.0	2
9	Monolayer nanoarchitectonics at the air-water interface for molecular understanding of the interaction of isolinderanolide E with cholesterol. Thin Solid Films, 2022, 754, 139305.	1.8	1
10	Evaluation of the effects in cellular membrane models of antitrypanosomal poly-thymolformaldehyde (PTF) using Langmuir monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183500.	2.6	3
11	Dengue fusion peptide in Langmuir monolayers: A binding parameter study. Biophysical Chemistry, 2021, 271, 106553.	2.8	7
12	Structural and viscoelastic properties of floating monolayers of a pectinolytic enzyme and their influence on the catalytic properties. Journal of Colloid and Interface Science, 2021, 589, 568-577.	9.4	5
13	Ultrathin films to investigate the interaction of nitrofurantoin with phospholipids. Thin Solid Films, 2021, 725, 138638.	1.8	2
14	Surface Chemistry Studies on the Formation of Mixed Stearic Acid/Phenylalanine Dehydrogenase Langmuir and Langmuirâ€"Blodgett Films. Langmuir, 2021, 37, 7771-7779.	3.5	1
15	Peptidoglycans modulating the interaction of a bactericide compound with lipids at the air-water interface. Chemistry and Physics of Lipids, 2021, 237, 105082.	3.2	1
16	Phase transition beyond the monolayer collapse â€" The case of stearic acid spread at the air/water interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126781.	4.7	6
17	Study of the interactions of gold nanoparticles functionalized with aminolevulinic acid in membrane models. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111849.	5.0	10
18	Interaction of isolinderanolide E obtained from Nectandra oppositifolia with biomembrane models. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183690.	2.6	3

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19	A bactericide peptide changing the static and dilatational surface elasticity properties of zwitterionic lipids at the air-water interface: Relationship with the thermodynamic, structural and morphological properties. Biophysical Chemistry, 2021, 277, 106638.	2.8	8
20	Surface chemistry and spectroscopic studies of the native phenylalanine dehydrogenase Langmuir monolayer at the air/aqueous NaCl interface. Journal of Colloid and Interface Science, 2020, 560, 458-466.	9.4	16
21	Conjugated polymers as Langmuir and Langmuir-Blodgett films: Challenges and applications in nanostructured devices. Advances in Colloid and Interface Science, 2020, 285, 102277.	14.7	24
22	Phosphatidylserine controls calcium phosphate nucleation and growth on lipid monolayers: A physicochemical understanding of matrix vesicle-driven biomineralization. Journal of Structural Biology, 2020, 212, 107607.	2.8	20
23	Enzyme activity preservation for galactose oxidase immobilized in stearic acid Langmuir-Blodgett films. Thin Solid Films, 2020, 709, 138253.	1.8	9
24	Langmuir and Langmuirâ€“Blodgett Films of Poly[(9,9-dioctylfluorene)-<i>co</i>-(3-hexylthiophene)] for Immobilization of Phytase: Possible Application as a Phytic Acid Sensor. Langmuir, 2020, 36, 10587-10596.	3.5	8
25	The effect of the monocyclic monoterpene tertiary alcohol Î^{3}-terpineol on biointerfaces containing cholesterol. Chemistry and Physics of Lipids, 2020, 230, 104915.	3.2	11
26	Insertion of carbon nanotubes in Langmuir-Blodgett films of stearic acid and asparaginase enhancing the catalytic performance. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111032.	5.0	15
27	Effect of interfering agents for urease immobilized in Langmuir-Blodgett films of controlled molecular architectureâœ°. Thin Solid Films, 2020, 704, 138043.	1.8	6
28	The lipid composition affects Trastuzumab adsorption at monolayers at the air-water interface. Chemistry and Physics of Lipids, 2020, 227, 104875.	3.2	17
29	Interaction of dicentrinone, an antitrypanosomal aporphine alkaloid isolated from Ocotea puberula (Lauraceae), in cell membrane models at the air-water interface. Bioorganic Chemistry, 2020, 101, 103978.	4.1	16
30	Molecular Information on the Potential of Europium Complexes for Local Recognition of a Nucleoside-Based Drug by Using Nanostructured Interfaces Assembled as Langmuirâ€“Blodgett Films. Langmuir, 2020, 36, 3843-3852.	3.5	2
31	Enzyme activity of thiophene-fluorene based-copolymer blended with urease in thin films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125139.	4.7	4
32	The antibacterial activity of <i>p-tert</i>-butylcalix[6]arene and its effect on a membrane model: molecular dynamics and Langmuir film studies. Physical Chemistry Chemical Physics, 2020, 22, 6154-6166.	2.8	5
33	Interaction of nitrofurantoin with lipid langmuir monolayers as cellular membrane models distinguished with tensiometry and infrared spectroscopy. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110794.	5.0	16
34	Cholesterol Regulates the Incorporation and Catalytic Activity of Tissue-Nonspecific Alkaline Phosphatase in DPPC Monolayers. Langmuir, 2019, 35, 15232-15241.	3.5	11
35	New look for an old molecule â€“ Solid/solid phase transition in cholesterol monolayers. Chemistry and Physics of Lipids, 2019, 225, 104819.	3.2	16
36	Thymol in cellular membrane models formed by negative charged lipids causes aggregation at the air-water interface. Chemical Physics Letters, 2019, 717, 87-90.	2.6	9

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37	Interaction of Trastuzumab with biomembrane models at air-water interfaces mimicking cancer cell surfaces. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 182992.	2.6	7
38	Conjugated Polymers Blended with Lipids and Galactosidase as Langmuirâ€“Blodgett Films To Control the Biosensing Properties of Nanostructured Surfaces. Langmuir, 2019, 35, 7294-7303.	3.5	24
39	Interfacial vibrational spectroscopy and Brewster angle microscopy distinguishing the interaction of terpineol in cell membrane models at the air-water interface. Biophysical Chemistry, 2019, 246, 1-7.	2.8	11
40	Immobilization of urease in Langmuir-Blodgett films of di-ureasil hybrid compounds. Thin Solid Films, 2019, 670, 17-23.	1.8	8
41	Antitrypanosomal activity of epi-polygodial from Drimys brasiliensis and its effects in cellular membrane models at the air-water interface. Bioorganic Chemistry, 2019, 84, 186-191.	4.1	5
42	Incorporation of polygodial in Langmuir films of selected lipids. Thin Solid Films, 2019, 669, 19-28.	1.8	11
43	Understanding the cytotoxic effects of new isovanillin derivatives through phospholipid Langmuir monolayers. Bioorganic Chemistry, 2019, 83, 205-213.	4.1	7
44	Carbon Nanotubes and Algal Polysaccharides To Enhance the Enzymatic Properties of Urease in Lipid Langmuirâ€“Blodgett Films. Langmuir, 2018, 34, 3082-3093.	3.5	20
45	The â€œpre-assembled stateâ€• of magainin 2 lysine-linked dimer determines its enhanced antimicrobial activity. Colloids and Surfaces B: Biointerfaces, 2018, 167, 432-440.	5.0	15
46	Lipopolysaccharides and peptidoglycans modulating the interaction of Au naparticles with cell membranes models at the air-water interface. Biophysical Chemistry, 2018, 238, 22-29.	2.8	11
47	How the interaction of PVP-stabilized Ag nanoparticles with models of cellular membranes at the air-water interface is modulated by the monolayer composition. Journal of Colloid and Interface Science, 2018, 512, 792-800.	9.4	26
48	Copolymers and enzymes blended as LB films changing the bioelectronics properties of interfaces. Colloids and Interface Science Communications, 2018, 27, 40-44.	4.1	7
49	Lipids mediating the interaction of metronidazole with cell membrane models at the air-water interface. Colloids and Surfaces B: Biointerfaces, 2018, 171, 377-382.	5.0	10
50	Enzymes immobilized in Langmuir-Blodgett films: Why determining the surface properties in Langmuir monolayer is important?. Anais Da Academia Brasileira De Ciencias, 2018, 90, 631-644.	0.8	27
51	Adsorption and enzyme activity of asparaginase at lipid Langmuir and Langmuir-Blodgett films. Materials Science and Engineering C, 2017, 73, 579-584.	7.3	27
52	Incorporation of bacitracin in Langmuir films of phospholipids at the air-water interface. Thin Solid Films, 2017, 622, 95-103.	1.8	14
53	Interaction of non-aqueous dispersions of silver nanoparticles with cellular membrane models. Journal of Colloid and Interface Science, 2017, 496, 111-117.	9.4	12
54	Langmuir and Langmuir-Blodgett films of di-ureasil hybrid compounds containing phosphotungstic acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 524, 35-42.	4.7	9

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55	Polarization Modulation Reflection-Absorption Spectroscopy applied in ultrathin films of algal biomacromolecules may explain the mechanism associated to the removal of pollutant metals. Vibrational Spectroscopy, 2017, 92, 9-13.	2.2	1
56	Interaction of violacein in models for cellular membranes: Regulation of the interaction by the lipid composition at the air-water interface. Colloids and Surfaces B: Biointerfaces, 2017, 160, 247-253.	5.0	27
57	Interaction of 3â€²,4â€²,6â€²-trimyristoyl-uridine derivative as potential anticancer drug with phospholipids of tumorigenic and non-tumorigenic cells. Applied Surface Science, 2017, 426, 77-86.	6.1	12
58	Carbon Nanotubes Arranged As Smart Interfaces in Lipid Langmuirâ€“Blodgett Films Enhancing the Enzymatic Properties of Penicillinase for Biosensing Applications. ACS Applied Materials & Interfaces, 2017, 9, 31054-31066.	8.0	28
59	Organization of polythiophenes at ultrathin films mixed with stearic acid investigated with polarization-modulation infrared reflectionâ€“absorption spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 628-633.	4.7	15
60	Controlling the molecular architecture of lactase immobilized in Langmuir-Blodgett films of phospholipids to modulate the enzyme activity. Colloids and Surfaces B: Biointerfaces, 2017, 150, 8-14.	5.0	20
61	Films Deposited from Reactive Sputtering of Aluminum Acetylacetonate Under Low Energy Ion Bombardment. Materials Research, 2017, 20, 926-936.	1.3	2
62	Rhodanese incorporated in Langmuir and Langmuirâ€“Blodgett films of dimyristoylphosphatidic acid: Physical chemical properties and improvement of the enzyme activity. Colloids and Surfaces B: Biointerfaces, 2016, 141, 59-64.	5.0	19
63	CdSe magic-sized quantum dots incorporated in biomembrane models at the airâ€“water interface composed of components of tumorigenic and non-tumorigenic cells. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1533-1540.	2.6	9
64	Conjugated polymers nanostructured as smart interfaces for controlling the catalytic properties of enzymes. Journal of Colloid and Interface Science, 2016, 476, 206-213.	9.4	26
65	Acylated Carrageenan Changes the Physicochemical Properties of Mixed Enzymeâ€“Lipid Ultrathin Films and Enhances the Catalytic Properties of Sucrose Phosphorylase Nanostructured as Smart Surfaces. Journal of Physical Chemistry B, 2016, 120, 5359-5366.	2.6	11
66	Mechanism of Action of Thymol on Cell Membranes Investigated through Lipid Langmuir Monolayers at the Airâ€“Water Interface and Molecular Simulation. Langmuir, 2016, 32, 3234-3241.	3.5	47
67	Chondroitin sulfate interacts mainly with headgroups in phospholipid monolayers. Colloids and Surfaces B: Biointerfaces, 2016, 141, 595-601.	5.0	7
68	Supramolecular Control in Nanostructured Film Architectures for Detecting Breast Cancer. ACS Applied Materials & Interfaces, 2015, 7, 11833-11841.	8.0	36
69	The Role of Langmuir Monolayers To Understand Biological Events. ACS Symposium Series, 2015, , 65-88.	0.5	12
70	Langmuir and Langmuirâ€“Blodgett films of lipids and penicillinase: Studies on adsorption and enzymatic activity. Colloids and Surfaces B: Biointerfaces, 2015, 126, 232-236.	5.0	20
71	Comparing the Mode of Action of Intraocular Lutein-Based Dyes With Synthetic Dyes. , 2015, 56, 1993.		4
72	Langmuir and Langmuir-Blodgett films of Cl-PPV mixed with stearic acid: implication of the morphology on the surface and spectroscopy properties. Colloid and Polymer Science, 2015, 293, 883-890.	2.1	6

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73	The interaction of eugenol with cell membrane models at the airâ€“water interface is modulated by the lipid monolayer composition. Biophysical Chemistry, 2015, 207, 7-12.	2.8	10
74	Binding of Methylene Blue onto Langmuir Monolayers Representing Cell Membranes May Explain Its Efficiency as Photosensitizer in Photodynamic Therapy. Langmuir, 2015, 31, 4205-4212.	3.5	36
75	Interactions of bioactive molecules & nanomaterials with Langmuir monolayers as cell membrane models. Thin Solid Films, 2015, 593, 158-188.	1.8	114
76	Algal polysaccharides as matrices for the immobilization of urease in lipid ultrathin films studied with tensiometry and vibrational spectroscopy: Physicalâ€“chemical properties and implications in the enzyme activity. Colloids and Surfaces B: Biointerfaces, 2015, 135, 639-645.	5.0	23
77	Ultrathin films of poly(2,5-dicyano- p -phenylene-vinylene)-co-(p -phenylene-vinylene) DCN-PPV/PPV: A Langmuir and Langmuir-Blodgett films study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 467, 201-206.	4.7	10
78	Ultrathin films of lipids to investigate the action of a flavonoid with cell membrane models. Materials Science and Engineering C, 2015, 48, 112-117.	7.3	18
79	SISTEMAS SUPRAMOLECULARES. , 2015, , 39-62.		0
80	Feasibility of RF Sputtering and PIIID for production of thin films from red mud. Materials Research, 2014, 17, 1316-1323.	1.3	2
81	Innovative low temperature plasma approach for deposition of alumina films. Materials Research, 2014, 17, 1410-1419.	1.3	4
82	Implications of the structure for the luminescence properties of NBRâ€“PF blend devices nanostructured as Langmuirâ€“Blodgett films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 441, 398-405.	4.7	10
83	Chitosan does not inhibit enzymatic action of human pancreatic lipase in Langmuir monolayers of 1,2-didecanoyl-glycerol (DDG). Colloids and Surfaces B: Biointerfaces, 2014, 123, 870-877.	5.0	10
84	Interaction of para-tert-butylcalix[6]arene molecules in Langmuir films with cadmium ions and their effects on molecular conformation and surface potential. Physical Chemistry Chemical Physics, 2014, 16, 26168-26175.	2.8	7
85	The interaction of mefloquine hydrochloride with cell membrane models at the airâ€“water interface is modulated by the monolayer lipid composition. Journal of Colloid and Interface Science, 2014, 431, 24-30.	9.4	38
86	Cellulase and Alcohol Dehydrogenase Immobilized in Langmuir and Langmuirâ€“Blodgett Films and Their Molecular-Level Effects upon Contact with Cellulose and Ethanol. Langmuir, 2014, 30, 1855-1863.	3.5	15
87	Nanomaterials for Diagnosis: Challenges and Applications in Smart Devices Based on Molecular Recognition. ACS Applied Materials & Interfaces, 2014, 6, 14745-14766.	8.0	146
88	Adsorption and enzyme activity of sucrose phosphorylase on lipid Langmuir and Langmuirâ€“Blodgett films. Colloids and Surfaces B: Biointerfaces, 2014, 116, 497-501.	5.0	9
89	Block copolymers of o-PPV organized at the molecular scale as Langmuir and Langmuirâ€“Blodgett films. Synthetic Metals, 2014, 194, 65-70.	3.9	8
90	Effect of carrageenans of different chemical structures in biointerfaces: A Langmuir film study. Colloids and Surfaces B: Biointerfaces, 2013, 111, 530-535.	5.0	6

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91	Langmuirâ€"Blodgett films based on poly(p-phenylene vinylene) and protein-stabilised palladium nanoparticles: Implications in luminescent and conducting properties. Thin Solid Films, 2013, 540, 202-207.	1.8	6
92	An intraocular dye solution based on lutein and zeaxanthin in a surrogate internal limiting membrane model: A Langmuir monolayer study. Colloids and Surfaces B: Biointerfaces, 2013, 107, 124-129.	5.0	10
93	Langmuir films containing ibuprofen and phospholipids. Chemical Physics Letters, 2013, 559, 99-106.	2.6	52
94	Surface chemistry and spectroscopy studies on 1,4-naphthoquinone in cell membrane models using Langmuir monolayers. Journal of Colloid and Interface Science, 2013, 402, 300-306.	9.4	27
95	Algal polysaccharides on lipid Langmuirâ€"Blodgett films and molecular effects upon metal ion contact. Thin Solid Films, 2013, 534, 312-315.	1.8	6
96	Investigation of the Conformational Changes of a Conducting Polymer in Gas Sensor Active Layers by Means of Polarization-Modulation Infrared Reflection Absorption Spectroscopy (PM-IRRAS).. Langmuir, 2013, 29, 2640-2645.	3.5	15
97	Understanding the Collapse Mechanism in Langmuir Monolayers through Polarization Modulation-Infrared Reflection Absorption Spectroscopy. Langmuir, 2013, 29, 9063-9071.	3.5	47
98	The role of the C-terminal region of pulchellin A-chain in the interaction with membrane model systems. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 82-89.	2.6	13
99	Probing the interaction between heparan sulfate proteoglycan with biologically relevant molecules in mimetic models for cell membranes: A Langmuir film study. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1211-1217.	2.6	13
100	Enhanced Architecture of Lipid-Carbon Nanotubes as Langmuirâ€"Blodgett Films to Investigate the Enzyme Activity of Phospholipases from Snake Venom. Journal of Physical Chemistry B, 2012, 116, 13424-13429.	2.6	10
101	High Enzymatic Activity Preservation with Carbon Nanotubes Incorporated in Ureaseâ€"Lipid Hybrid Langmuirâ€"Blodgett Films. Langmuir, 2012, 28, 5398-5403.	3.5	24
102	Langmuir and Langmuirâ€"Blodgett films of a quinoline-fluorene based copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 394, 67-73.	4.7	11
103	Interaction of chlorhexidine with biomembrane models on glass ionomer by using the Langmuirâ€"Blodgett technique. Colloids and Surfaces B: Biointerfaces, 2012, 97, 57-61.	5.0	7
104	Immbolization of uricase enzyme in Langmuir and Langmuir-Blodgett films of fatty acids: Possible use as a uric acid sensor. Journal of Colloid and Interface Science, 2012, 373, 69-74.	9.4	50
105	Monolayer Collapse Regulating Process of Adsorptionâˆ'Desorption of Palladium Nanoparticles at Fatty Acid Monolayers at the Airâˆ'Water Interface. Langmuir, 2011, 27, 2667-2675.	3.5	5
106	The lipid composition of a cell membrane modulates the interaction of an antiparasitic peptide at the airâ€"water interface. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1907-1912.	2.6	16
107	Controlling the luminescence properties of poly(p-phenylene vinylene) entrapped in Langmuir and Langmuirâ€"Blodgett films of stearic acid. Synthetic Metals, 2011, 161, 1753-1759.	3.9	13
108	Interaction of algal polysaccharide with lipid Langmuir monolayers. Materials Science and Engineering C, 2011, 31, 1857-1860.	7.3	14

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109	Comparative study of liponucleosides in Langmuir monolayers as cell membrane models. Biophysical Chemistry, 2011, 153, 154-158.	2.8	12
110	Chitosan in Nanostructured Thin Films. Biomacromolecules, 2010, 11, 1897-1908.	5.4	185
111	Immobilization of biomolecules on nanostructured films for biosensing. Biosensors and Bioelectronics, 2010, 25, 1254-1263.	10.1	195
112	Molecular-level interactions of an azopolymer and poly(dodecylmethacrylate) in mixed Langmuir and Langmuirâ€"Blodgett films for optical storage. Journal of Colloid and Interface Science, 2010, 346, 87-95.	9.4	14
113	Interaction of oligonucleotide-based amphiphilic block copolymers with cell membrane models. Journal of Colloid and Interface Science, 2010, 347, 56-61.	9.4	19
114	Properties of lipophilic nucleoside monolayers at the airâ€"water interface. Colloids and Surfaces B: Biointerfaces, 2010, 77, 161-165.	5.0	21
115	Enzyme Activity of Catalase Immobilized in Langmuirâ^'Blodgett Films of Phospholipids. Langmuir, 2010, 26, 11135-11139.	3.5	45
116	Mixing Alternating Copolymers Containing Fluorenyl Groups with Phospholipids to Obtain Langmuir and Langmuirâ^'Blodgett Films. Langmuir, 2010, 26, 5869-5875.	3.5	28
117	Controlled fabrication of gold nanoparticles biomediated by glucose oxidase immobilized on chitosan layer-by-layer films. Materials Science and Engineering C, 2009, 29, 1687-1690.	7.3	21
118	Enzyme activity of horseradish peroxidase immobilized in chitosan matrices in alternated layers. Materials Science and Engineering C, 2009, 29, 1889-1892.	7.3	17
119	Interaction of polysaccharideâ€"protein complex from Agaricus blazei with Langmuir and Langmuirâ€"Blodgett films of phospholipids. Journal of Colloid and Interface Science, 2009, 330, 84-89.	9.4	24
120	The interaction of an antiparasitic peptide active against African Sleeping Sickness with cell membrane models. Colloids and Surfaces B: Biointerfaces, 2009, 74, 504-510.	5.0	35
121	Cholesterol Mediates Chitosan Activity on Phospholipid Monolayers and Langmuirâ^'Blodgett Films. Langmuir, 2009, 25, 10051-10061.	3.5	60
122	Immobilization of Alcohol Dehydrogenase in Phospholipid Langmuirâ^'Blodgett Films To Detect Ethanol. Langmuir, 2009, 25, 3057-3061.	3.5	36
123	Using phospholipid Langmuir and Langmuirâ€"Blodgett films as matrix for urease immobilization. Journal of Colloid and Interface Science, 2008, 319, 100-108.	9.4	60
124	Rat osseous plate alkaline phosphatase as Langmuir monolayerâ€"An infrared study at the airâ€"water interface. Journal of Colloid and Interface Science, 2008, 320, 476-482.	9.4	31
125	Interaction of horseradish peroxidase with Langmuir monolayers of phospholipids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 321, 206-210.	4.7	32
126	Dendrimer-assisted immobilization of alcohol dehydrogenase in nanostructured films for biosensing: Ethanol detection using electrical capacitance measurements. Thin Solid Films, 2008, 516, 9002-9005.	1.8	35

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127	Enhanced activity of horseradish peroxidase in Langmuirâ€“Blodgett films of phospholipids. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2291-2297.	2.6	78
128	Chitosan as a Removing Agent of Î²-Lactoglobulin from Membrane Models. Langmuir, 2008, 24, 4150-4156.	3.5	42
129	Interaction of Chitosan with Cell Membrane Models at the Airâˆ'Water Interface. Biomacromolecules, 2007, 8, 1633-1640.	5.4	118
130	Control of catalytic activity of glucose oxidase in layer-by-layer films of chitosan and glucose oxidase. Materials Science and Engineering C, 2007, 27, 1108-1110.	7.3	25
131	Study of the Interaction of Human Defensins with Cell Membrane Models:â€‰ Relationships between Structure and Biological Activity. Journal of Physical Chemistry B, 2007, 111, 11318-11329.	2.6	35
132	Probing Chitosan and Phospholipid Interactions Using Langmuir and Langmuirâˆ'Blodgett Films as Cell Membrane Models. Langmuir, 2007, 23, 7666-7671.	3.5	104
133	Influence of the glycosylphosphatidylinositol anchor in the morphology and roughness of Langmuirâ€“Blodgett films of phospholipids containing alkaline phosphatases. Thin Solid Films, 2007, 515, 4801-4807.	1.8	28
134	Fabrication of Phytic Acid Sensor Based on Mixed Phytaseâˆ'Lipid Langmuirâˆ'Blodgett Films. Langmuir, 2006, 22, 8501-8508.	3.5	59
135	The effect of the layer structure on the activity of immobilized enzymes in ultrathin films. Journal of Colloid and Interface Science, 2006, 303, 326-331.	9.4	44
136	Incorporation conditions guiding the aggregation of a glycosylphosphatidyl inositol (GPI)-anchored protein in Langmuir monolayers. Colloids and Surfaces B: Biointerfaces, 2005, 46, 248-254.	5.0	25
137	Adsorption kinetics and dilatational rheological studies for the soluble and anchored forms of alkaline phosphatase at the air/water interface. Journal of the Brazilian Chemical Society, 2005, 16, 969-977.	0.6	33
138	Effect of Molecular Surface Packing on the Enzymatic Activity Modulation of an Anchored Protein on Phospholipid Langmuir Monolayers. Langmuir, 2005, 21, 4090-4095.	3.5	60
139	Surface density as a significant parameter for the enzymatic activity of two forms of alkaline phosphatase immobilized on phospholipid Langmuirâ€“Blodgett films. Journal of Colloid and Interface Science, 2004, 275, 123-130.	9.4	39
140	Influence of Mn(III)porphyrins with different polarities on dimyristoylphosphatidic acid monolayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 229, 169-180.	4.7	6
141	Adsorption of detergent-solubilized and phospholipase C-solubilized alkaline phosphatase at air/liquid interfaces. Colloids and Surfaces B: Biointerfaces, 2003, 30, 273-282.	5.0	28
142	Enzymatic activity of alkaline phosphatase adsorbed on dimyristoylphosphatidic acid Langmuirâ€“Blodgett films. Colloids and Surfaces B: Biointerfaces, 2002, 25, 119-128.	5.0	48
143	Flexibility of the triblock copolymers modulating their penetration and expulsion mechanism in Langmuir monolayers of dihexadecyl phosphoric acid. Colloids and Surfaces B: Biointerfaces, 2001, 22, 309-321.	5.0	19