Claudio Nicolini

List of Publications by Year in descending order

220 papers	5,338 citations	76326 40 h-index	138484 58 g-index
227 all docs	227 docs citations	227 times ranked	4603 citing authors

#	Article	IF	Citations
1	Mesoscale Ordering of Phycocyanin Molecules in Langmuirâ€“Blodgett Multilayers. Langmuir, 2022, 38, 86-91.	3.5	1
2	Emergence of amyloidic fibrillation in 2D-ordered Langmuirâ€“Blodgett protein multilayers upon heating. Applied Physics Letters, 2020, 117, .	3.3	2
3	Nanotechnology Applications of Nucleic Acid Programmable Protein Arrays. , 2019, , 1-30.		1
4	Label-Free NAPPA: Anodic Porous Alumina. , 2019, , 95-108.		2
5	Langmuirâ€“Blodgett nanotemplates for protein crystallography. Nature Protocols, 2017, 12, 2570-2589.	12.0	12
6	LB Crystallization and Preliminary X-ray Diffraction Analysis of L-Asparaginase from Rhodospirillum rubrum. NanoWorld Journal, 2017, 03, .	0.1	3
7	Nanogenomics and nanoproteomics for personalized nanotheranostics for oral and colorectal cancer. Personalized Medicine, 2016, 13, 9-11.	1.5	1
8	Determination of Protein-Protein Interaction for Cancer Control via Mass Spectrometry and Nanoconductimetry of NAPPA SNAP Arrays: An Overview. NanoWorld Journal, 2015, 1, .	0.1	5
9	Langmuir-Blodgett (LB)-based nanobiocrystallography at the frontiers of cancer proteomics. Anticancer Research, 2015, 35, 827-34.	1.1	0
10	Synchrotron Powder Diffraction Study of Radiation Damage in Langmuir Blodgett Nanotemplate Crystallised Protein. American Journal of Biochemistry and Biotechnology, 2014, 10, 162-168.	0.4	3
11	Drug-Protein Interactions for Clinical Research by Nucleic Acid Programmable Protein Arrays-Quartz Crystal Microbalance with Dissipation Factor Monitoring Nanoconductometric Assay. American Journal of Biochemistry and Biotechnology, 2014, 10, 189-201.	0.4	3
12	Ab Initio Semi-Quantitative Analysis of Micro-Beam Grazing-Incidence Small-Angle X-Ray Scattering (Îœ-GISAXS) during Protein Crystal Nucleation and Growth. Journal of Proteomics and Bioinformatics, 2014, 07, .	0.4	3
13	A Review of the Strategies for Obtaining High-Quality Crystals Utilizing Nanotechnologies and Microgravity. Critical Reviews in Eukaryotic Gene Expression, 2014, 24, 325-339.	0.9	12
14	Proteomics and Proteogenomics Approaches for Oral Diseases. Advances in Protein Chemistry and Structural Biology, 2014, 95, 125-162.	2.3	18
15	Advances in Nanocrystallography as a Proteomic Tool. Advances in Protein Chemistry and Structural Biology, 2014, 95, 163-191.	2.3	12
16	Identification of Best Protein Crystallization Methods by Molecular Dynamics (MD). Critical Reviews in Eukaryotic Gene Expression, 2014, 24, 311-324.	0.9	7
17	Conductometric Monitoring of Proteinâ€“Protein Interactions. Journal of Proteome Research, 2013, 12, 5535-5547.	3.7	22
18	Recombinant Laccase: I. Enzyme cloning and characterization. Journal of Cellular Biochemistry, 2013, 114, 599-605.	2.6	21

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19	Influence of multi-walled carbon nanotubes concentration on the properties of nanocomposites with poly(o-ethoxyaniline). Synthetic Metals, 2013, 176, 1-10.	3.9	7
20	Analysis of gene expression on anodic porous alumina microarrays. Bioengineered, 2013, 4, 332-337.	3.2	9
21	Atomic Force Microscopy and Anodic Porous Allumina of Nucleic Acid Programmable Protein Arrays. Recent Patents on Biotechnology, 2013, 7, 112-121.	0.8	15
22	In situ Monitoring By Raman Spectroscopy of Lysozyme Conformation during â€œNanotemplateâ€•Induced Crystallization. Journal of Microbial & Biochemical Technology, 2013, 06, .	0.2	7
23	Prototypes of Newly Conceived Inorganic and Biological Sensors for Health and Environmental Applications. Sensors, 2012, 12, 17112-17127.	3.8	27
24	Unique water distribution of Langmuirâ€“Blodgett versus classical crystals. Journal of Structural Biology, 2012, 180, 57-64.	2.8	12
25	Nanoproteomics enabling personalized nanomedicine. Advanced Drug Delivery Reviews, 2012, 64, 1522-1531.	13.7	53
26	Protein nanotechnology for the new design and development of biocrystals and biosensors. Nanomedicine, 2012, 7, 1117-1120.	3.3	9
27	Calcium Oxide Matrices and Carbon Dioxide Sensors. Sensors, 2012, 12, 5896-5905.	3.8	7
28	Recombinant Laccase: II. Medical Biosensor. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 197-203.	0.9	14
29	Oxygenâ€bound hell's gate globin I by classical versus LB nanotemplate method. Journal of Cellular Biochemistry, 2012, 113, 2543-2548.	2.6	10
30	Influence of substituents in electrochemical and conducting properties of polyaniline derivatives and multi walled carbon nanotubes nanocomposites. Thin Solid Films, 2012, 520, 5877-5883.	1.8	4
31	Langmuir-Blodgett Nanotemplate and Radiation Resistance in Protein Crystals: State of the Art. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 219-232.	0.9	10
32	Real-Time Quantitative Polymerase Chain Reaction Analysis of Patients With Refractory Chronic Periodontitis. Journal of Periodontology, 2011, 82, 1018-1024.	3.4	8
33	Matrices for Sensors from Inorganic, Organic, and Biological Nanocomposites. Materials, 2011, 4, 1483-1518.	2.9	5
34	CHO Proteome Alterations Induced by Reverse Transformation. Cell Biochemistry and Biophysics, 2011, 61, 731-737.	1.8	1
35	In situstudy of nanotemplate-induced growth of lysozyme microcrystals by submicrometer GISAXS. Journal of Synchrotron Radiation, 2011, 18, 287-292.	2.4	7
36	MALDI-TOF characterization of NAPPA-generated proteins. Journal of Mass Spectrometry, 2011, 46, 960-965.	1.6	17

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37	Synthesis and characterization of polyaniline derivatives and related carbon nanotubes nanocomposites â€“ Study of optical properties and band gap calculation. Polymer, 2011, 52, 46-54.	3.8	31
38	AKT1 leader gene and downstream targets are involved in a rat model of kidney allograft tolerance. Journal of Cellular Biochemistry, 2010, 111, 709-719.	2.6	9
39	Nanogenomics in medicine. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2010, 2, 59-76.	6.1	7
40	In Situ Î¼GISAXS: II. Thaumatin Crystal Growth Kinetic. Biophysical Journal, 2010, 99, 1262-1267.	0.5	20
41	In Situ Î¼GISAXS: I. Experimental Setup for Submicron Study of Protein Nucleation and Growth. Biophysical Journal, 2010, 99, 1256-1261.	0.5	22
42	Nanoproteomics for nanomedicine. Nanomedicine, 2010, 5, 677-682.	3.3	16
43	An overview of nanotechnology-based functional proteomics for cancer and cell cycle progression. Anticancer Research, 2010, 30, 2073-80.	1.1	9
44	Domain organization and properties of LB lysozyme crystals down to submicron size. Anticancer Research, 2010, 30, 2745-8.	1.1	6
45	Optimization of Optical Properties of Polycarbonate Film with Thiol Gold-Nanoparticles. Materials, 2009, 2, 1193-1204.	2.9	17
46	Photoreversibility and photostability in films of octopus rhodopsin isolated from octopus photoreceptor membranes. Journal of Biomedical Materials Research - Part A, 2009, 88A, 947-951.	4.0	8
47	DNA bridging of yeast chromosomes VIII leads to near-reciprocal translocation and loss of heterozygosity with minor cellular defects. Chromosoma, 2009, 118, 179-191.	2.2	12
48	MicroGISAXS of Langmuirâ€“Blodgett protein films: effect of temperature on long-range order. Journal of Synchrotron Radiation, 2009, 16, 330-335.	2.4	12
49	Increase of catalytic activity of lipase towards olive oil by Langmuir-film immobilization of lipase. Enzyme and Microbial Technology, 2009, 44, 72-76.	3.2	17
50	Radiation stability of proteinase K crystals grown by LB nanotemplate method. Journal of Structural Biology, 2009, 168, 409-418.	2.8	23
51	Objective assessment of scientific performances world-wide. Scientometrics, 2008, 76, 527-541.	3.0	12
52	Solution structure of the Î²â€subunit of the translation initiation factor aIF2 from archaebacteria Sulfolobus solfataricus. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1112-1115.	2.6	11
53	Immunosuppressive drugâ€free operational immune tolerance in human kidney transplants recipients. Part II. Nonâ€statistical gene microarray analysis. Journal of Cellular Biochemistry, 2008, 103, 1693-1706.	2.6	40
54	Immunosuppressive drugâ€free operational immune tolerance in human kidney transplant recipients: Part I. blood gene expression statistical analysis. Journal of Cellular Biochemistry, 2008, 103, 1681-1692.	2.6	68

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55	Langmuirâ€“Blodgett based lipase nanofilms of unique structureâ€“function relationship. BioSystems, 2008, 94, 228-232.	2.0	7
56	Bioinformatic Prediction of Leader Genes in Human Periodontitis. Journal of Periodontology, 2008, 79, 1974-1983.	3.4	54
57	Atomic force microscopy of protein films and crystals. Review of Scientific Instruments, 2007, 78, 093704.	1.3	14
58	Protein thermal stability: The role of protein structure and aqueous environment. Archives of Biochemistry and Biophysics, 2007, 466, 40-48.	3.0	37
59	Biomaterials for orthopedics: A roughness analysis by atomic force microscopy. Journal of Biomedical Materials Research - Part A, 2007, 82A, 723-730.	4.0	36
60	cAMP induced alterations of Chinese hamster ovary cells monitored by mass spectrometry. Journal of Cellular Biochemistry, 2007, 102, 473-482.	2.6	4
61	A Potentiometric Stripping Analyzer for Multianalyte Screening. Electroanalysis, 2007, 19, 1288-1294.	2.9	7
62	Anodic porous alumina as mechanical stability enhancer for LDL-cholesterol sensitive electrodes. Biosensors and Bioelectronics, 2007, 23, 655-660.	10.1	27
63	Carbon nanotube biocompatibility with cardiac muscle cells. Nanotechnology, 2006, 17, 391-397.	2.6	110
64	New nanomaterials for light weight lithium batteries. Analytica Chimica Acta, 2006, 568, 57-64.	5.4	52
65	Theoretical framework for octopus rhodopsin crystallization. Journal of Theoretical Biology, 2006, 240, 260-269.	1.7	2
66	Mapping electrostatic potential of a protein on its hydrophobic surface: Implications for crystallization of Cytochrome P450scc. Journal of Theoretical Biology, 2006, 241, 73-80.	1.7	7
67	Nanometer sized polymer based Schottky junctions. Thin Solid Films, 2006, 510, 229-234.	1.8	8
68	Structure and growth of ultrasmall protein microcrystals by synchrotron radiation: I. ÂµGISAXS and Âµdiffraction of P450scc. Journal of Cellular Biochemistry, 2006, 97, 544-552.	2.6	20
69	Structure and growth of ultrasmall protein microcrystals by synchrotron radiation: II. ÂµGISAX and microscopy of lysozyme. Journal of Cellular Biochemistry, 2006, 97, 553-560.	2.6	11
70	Gene expression in the cell cycle of human T-lymphocytes: II. Experimental determination by DNASER technology. Journal of Cellular Biochemistry, 2006, 97, 1151-1159.	2.6	20
71	Gene expression of human T lymphocytes cell cycle: Experimental and bioinformatic analysis. Journal of Cellular Biochemistry, 2006, 99, 1326-1333.	2.6	35
72	Nanostructured Biofilms and Biocrystals. Journal of Nanoscience and Nanotechnology, 2006, 6, 2209-2236.	0.9	23

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73	Nanogenomics for medicine. Nanomedicine, 2006, 1, 147-152.	3.3	18
74	Functionalization and photoelectrochemical characterization of poly[3-3â€²(vinylcarbazole)] multi-walled carbon nanotube (PVK-MWNT) Langmuirâ€“Schaefer films. Nanotechnology, 2006, 17, 699-705.	2.6	31
75	X-ray study of structural reorganization in phthalocyanine containing Langmuirâ€“Blodgett heterostructures. Applied Surface Science, 2005, 245, 369-375.	6.1	4
76	Homology modeling of cytochrome P450scc and the mutations for optimal amperometric sensor. Journal of Theoretical Biology, 2005, 234, 479-485.	1.7	10
77	Direct electron transfer between cytochrome P450scc and gold nanoparticles on screen-printed rhodiumâ€“graphite electrodes. Biosensors and Bioelectronics, 2005, 21, 217-222.	10.1	110
78	An in-vitro study of the sterilization of titanium dental implants using low intensity UV-radiation. Dental Materials, 2005, 21, 756-760.	3.5	34
79	Site-directed mutations (Asp405Ile and Glu124Ile) in cytochrome P450scc: Effect on adrenodoxin binding. Journal of Cellular Biochemistry, 2005, 95, 720-730.	2.6	1
80	Mechanism of Conjugated Polymer Organization on SWNT Surfaces. Macromolecular Rapid Communications, 2005, 26, 381-385.	3.9	7
81	Ultrathin films of tetrasulfonated copper phthalocyanine-capped titanium dioxide nanoparticles: Fabrication, characterization, and photovoltaic effect. Journal of Colloid and Interface Science, 2005, 290, 166-171.	9.4	33
82	Methods to fabricate nanocontacts for electrical addressing of single molecules. Sensors and Actuators B: Chemical, 2005, 105, 542-548.	7.8	18
83	Improved nanocomposite materials for biosensor applications investigated by electrochemical impedance spectroscopy. Sensors and Actuators B: Chemical, 2005, 109, 221-226.	7.8	92
84	Investigating crystal-growth mechanisms with and without LB template: protein transfer from LB to crystal. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 809-812.	2.5	11
85	Comparison of lysozyme structures derived from thin-film-based and classical crystals. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 803-808.	2.5	14
86	ÂµGISAXS and protein nanotemplate crystallization: methods and instrumentation. Journal of Synchrotron Radiation, 2005, 12, 713-716.	2.4	25
87	A Heterostructure Composed of Conjugated Polymer and Copper Sulfide Nanoparticles. Journal of Physical Chemistry B, 2005, 109, 15798-15802.	2.6	11
88	Langmuirâ€™Schaefer Films of Nafion with Incorporated TiO2Nanoparticles. Langmuir, 2005, 21, 172-177.	3.5	27
89	Nanocrystallography: an emerging technology for structural proteomics. Expert Review of Proteomics, 2004, 1, 253-256.	3.0	11
90	Protein nanocrystallography: a new approach to structural proteomics. Trends in Biotechnology, 2004, 22, 117-122.	9.3	55

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91	Radiation stability of protein crystals grown by nanostructured templates: synchrotron microfocus analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 1687-1693.	2.9	28
92	Atomic structure of a CK2? human kinase by microfocus diffraction of extra-small microcrystals grown with nanobiofilm template. Journal of Cellular Biochemistry, 2004, 91, 1010-1020.	2.6	22
93	C-terminal region of protein kinase CK2?: How the structure can affect function and stability of the catalytic subunit. Journal of Cellular Biochemistry, 2004, 92, 270-284.	2.6	6
94	Morphology and conductivity in poly(ortho-anisidine)/carbon nanotubes nanocomposite films. Thin Solid Films, 2004, 468, 17-22.	1.8	18
95	Poly(2,5-dimethylaniline)â€“MWNTs nanocomposite: a new material for conductometric acid vapours sensor. Sensors and Actuators B: Chemical, 2004, 98, 247-253.	7.8	55
96	Synthesis, fabrication and characterization of poly[3-3â€²(vinylcarbazole)] (PVK) Langmuirâ€“Schaefer films. Polymer, 2004, 45, 1659-1664.	3.8	33
97	Lipase-catalyzed degradation of poly(Îµ-caprolactone). Enzyme and Microbial Technology, 2004, 35, 321-326.	3.2	59
98	Cholesterol amperometric biosensor based on cytochrome P450scc. Biosensors and Bioelectronics, 2004, 19, 971-976.	10.1	88
99	P450scc Mutant Nanostructuring for Optimal Assembly. IEEE Transactions on Nanobioscience, 2004, 3, 121-128.	3.3	4
100	Recombinant Cytochrome P450 Immobilization for Biosensor Applications. Langmuir, 2004, 20, 11706-11712.	3.5	33
101	Optical and Electrochemical Properties of Poly(o-toluidine) Multiwalled Carbon Nanotubes Composite Langmuirâ˜Schaefer Films. Langmuir, 2004, 20, 969-973.	3.5	67
102	Polyaniline Derivative Nanocomposite Materials for Low Power Long Life Lithium Batteries. , 2004, , .		0
103	Modifications of chromatin structure and gene expression following induced alterations of cellular shape. International Journal of Biochemistry and Cell Biology, 2004, 36, 1447-1461.	2.8	101
104	Electrochemical study of the interaction between cytochrome P450sccK201E and cholesterol. Talanta, 2004, 62, 945-950.	5.5	16
105	Expression, purification and characterisation of a novel mutant of the human protein kinase CK2. Molecular Biology Reports, 2003, 30, 97-106.	2.3	3
106	Complex catalytic colloids on the basis of firefly luciferase as optical nanosensor platform. Biotechnology and Bioengineering, 2003, 84, 286-291.	3.3	18
107	Preparation, characterization and electrochemical properties of NafionÂ® doped poly(ortho-anisidine) Langmuirâ€“Schaefer films. Electrochemistry Communications, 2003, 5, 787-792.	4.7	13
108	Three-dimensional atomic structure of a catalytic subunit mutant of human protein kinase CK2. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 2133-2139.	2.5	27

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109	Bacteriorhodopsin-based Langmuir-Schaefer films for solar energy capture. IEEE Transactions on Nanobioscience, 2003, 2, 124-132.	3.3	27
110	New Nanomaterials for Lithium Battery. , 2003, , .		1
111	Microstructure Origin of the Conductivity Differences in Aggregated CuS Films of Different Thickness. Langmuir, 2003, 19, 766-771.	3.5	86
112	The New Frontier at the Crossing of Life and Physical Sciences. , 2003, , 1-8.		4
113	From art to science in protein crystallization by means of thin-film nanotechnology. Nanotechnology, 2002, 13, 460-464.	2.6	18
114	In-Plane Patterning of Aggregated Nanoparticle Layers. Langmuir, 2002, 18, 3185-3190.	3.5	13
115	Synthesis of Multiwalled Carbon Nanotubes and Poly(o-anisidine) Nanocomposite Material:â€‰ Fabrication and Characterization of Its Langmuirâ^'Schaefer Films. Langmuir, 2002, 18, 1535-1541.	3.5	80
116	Expression, Purification, and Structural Characterization of Human Histone H4. Protein Expression and Purification, 2002, 24, 420-428.	1.3	9
117	Interactions between Conjugated Polymers and Single-Walled Carbon Nanotubes. Journal of Physical Chemistry B, 2002, 106, 3124-3130.	2.6	223
118	DNASER I: layout and data analysis. IEEE Transactions on Nanobioscience, 2002, 1, 67-72.	3.3	19
119	DNASER II: novel surface patterning for biomolecular microarray. IEEE Transactions on Nanobioscience, 2002, 1, 73-77.	3.3	6
120	Fabrication and physico-chemical properties of Nafion Langmuirâ€“Schaefer films. Physical Chemistry Chemical Physics, 2002, 4, 4036-4043.	2.8	45
121	Construction of organicâ€“inorganic hybrid ultrathin films self-assembled from poly(thiophene-3-acetic acid) and TiO2. Journal of Materials Chemistry, 2002, 12, 3585-3590.	6.7	24
122	Protein nucleation and crystallization by homologous protein thin film template. Journal of Cellular Biochemistry, 2002, 85, 243-251.	2.6	46
123	Chromatin ofTrypanosoma cruzi: In situ analysis revealed its unusual structure and nuclear organization. Journal of Cellular Biochemistry, 2002, 85, 798-808.	2.6	9
124	Electrical properties of thin copper sulfide films produced by the aggregation of nanoparticles formed in LB precursor. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 645-650.	4.7	13
125	Spin state transitions in Langmuirâ€“Blodgett films of recombinant cytochrome P450scc and adrenodoxin. Colloids and Surfaces B: Biointerfaces, 2002, 23, 313-318.	5.0	4
126	Development of immobilization techniques of cytochrome P450-GST fusion protein. Colloids and Surfaces B: Biointerfaces, 2002, 23, 305-311.	5.0	9

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127	Pollutant sensing layer based on cytochrome P450. Materials Science and Engineering C, 2002, 22, 155-159.	7.3	16
128	Langmuirâ€“Blodgett films of lipase for biocatalysis. Materials Science and Engineering C, 2002, 22, 419-422.	7.3	13
129	Electrochemical investigation on MEH-PPV/C60 nanocomposite Langmuirâ€“Schaefer films. Electrochemistry Communications, 2002, 4, 503-505.	4.7	12
130	Fabrication and characterization of composite Langmuirâ€“Schaefer films of poly(ortho-anisidine) conducting polymer and tri-(2,4-di-t-amylphenoxy)-(8-quinolinolyl) copper phthalocyanine. Synthetic Metals, 2001, 118, 81-88.	3.9	6
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145	Changes of chromatin condensation in one patient with ataxia telangiectasia disorder: A structural study. , 1999, 75, 578-586.		11
146	Comparative studies on Langmuirâ€“Schaefer films of polyanilines. Synthetic Metals, 1999, 100, 249-259.	3.9	46
147	Physical Properties of Polyaniline Films:Â Assembled by the Layer-by-Layer Technique. Langmuir, 1999, 15, 1252-1259.	3.5	93
148	X-ray small angle scattering study of chromatin as a function of fiber length. Molecular Biology Reports, 1998, 25, 73-86.	2.3	4
149	Effects of polyamines on higher-order folding of in situ chromatin. Molecular Biology Reports, 1998, 25, 237-244.	2.3	15
150	Towards a light-addressable transducer bacteriorhodopsin based. Nanotechnology, 1998, 9, 223-227.	2.6	17
151	Engineering of Enzyme Monolayer for Industrial Biocatalysis: An Overviewa. Annals of the New York Academy of Sciences, 1998, 864, 435-441.	3.8	6
152	Synchrotron study of heat induced order in protein Langmuirâ€“Blodgett films. Thin Solid Films, 1998, 327-329, 636-638.	1.8	6
153	Surface Pressure Induced Structural Effects in Photosynthetic Reaction Center Langmuir-Blodgett Films. Langmuir, 1998, 14, 193-198.	3.5	12
154	Semiconductor nanoparticles for quantum devices. Nanotechnology, 1998, 9, 158-161.	2.6	26
155	Langmuir-Schaefer films of a poly(o-anisidine) conducting polymer for sensors and displays. Nanotechnology, 1998, 9, 228-236.	2.6	34
156	Single Electron and Quantum Phenomena in Ultra Small Particles. , 1998, , 117-138.		0
157	Metalloprotein Engineering for New Materials, Drugs and Nanodevices. , 1998, , 1-31.		3
158	Thioredoxin from Bacillus acidocaldarius: characterization, high-level expression in Escherichia coli and molecular modelling. Biochemical Journal, 1997, 328, 277-285.	3.7	27
159	Investigation of Ultrathin Films of Processable Poly(o-anisidine) Conducting Polymer Obtained by the Langmuirâ€“Blodgett Technique. Journal of Physical Chemistry B, 1997, 101, 4759-4766.	2.6	43
160	Orientation of Cytochrome P450scc in Langmuirâ€“Blodgett Monolayers. Langmuir, 1997, 13, 299-304.	3.5	16
161	Poly(o-anisidine) Langmuirâ€“Schaefer Films:â€‰ Fabrication and Characterization. Langmuir, 1997, 13, 2760-2765.	3.5	40
162	Optical, structural and fluorescence microscopic studies on reduced form of polyaniline: The leucoemeraldine base. Synthetic Metals, 1997, 89, 63-69.	3.9	44

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164	Fatty acid-based monoelectron device. Biosensors and Bioelectronics, 1997, 12, 601-606.	10.1	9
165	Formation and characterization of an ultrathin semiconductor polycrystal layer for transducer applications. Biosensors and Bioelectronics, 1997, 12, 607-611.	10.1	5
166	Quartz balance DNA sensor. Biosensors and Bioelectronics, 1997, 12, 613-618.	10.1	51
167	Ethidium bromide intercalation and chromatin structure: A thermal analysis. Thermochimica Acta, 1997, 294, 193-204.	2.7	14
168	The electrochromic response of polyaniline and its copolymeric systems. Thin Solid Films, 1997, 303, 27-33.	1.8	71
169	Effects of histone acetylation on chromatin structure. , 1997, 64, 466-475.		17
170	Qualitative and quantitative analysis of the secondary structure of cytochrome C Langmuir-Blodgett films. , 1997, 42, 227-237.		15
171	Role of Protein Unfolding in Monolayer Formation on Airâ^'Water Interface. Langmuir, 1996, 12, 3272-3275.	3.5	56
172	A simple method for preparing calibration standards for the three working axes of scanning probe microscope piezo scanners. Review of Scientific Instruments, 1996, 67, 748-751.	1.3	13
173	Langmuir films of Fc binding receptors engineered from protein A and protein G as a sublayer for immunoglobulin orientation. Thin Solid Films, 1996, 284-285, 698-702.	1.8	20
174	Kinetics study of glutathione S-transferase Langmuir-Blodgett films. Thin Solid Films, 1996, 284-285, 854-858.	1.8	12
175	Langmuir-Blodgett films of photosensitive proteins. Journal of Photochemistry and Photobiology B: Biology, 1996, 33, 191-200.	3.8	24
176	Optimisation of IgG Langmuir film deposition for application as sensing elements. Sensors and Actuators B: Chemical, 1996, 34, 276-282.	7.8	6
177	Molecular Manufacturing: A New Frontier at the Interface of Electronics, Biotechnology and Material Sciences. , 1996, , 215-222.		1
178	From Protein Nanotechnology to Protein Automata. , 1996, , 1-52.		1
179	Characterization of silicon transducers with Si3N4 sensing surfaces by an AFM and a PAB system. Sensors and Actuators B: Chemical, 1995, 25, 889-893.	7.8	9
180	Two-dimensional order and protein thermal stability: high temperature preservation of structure and function. Biosensors and Bioelectronics, 1995, 10, 25-34.	10.1	42

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181	Langmuir-Blodgett film of glutathione S-transferase immobilised on silanized surfaces. Thin Solid Films, 1995, 268, 108-113.	1.8	12
182	Mechanical interactions in STM imaging of large insulating adsorbates. Ultramicroscopy, 1995, 58, 269-274.	1.9	10
183	High-sensitivity biosensor based on LB technology and on nanogravimetry. Sensors and Actuators B: Chemical, 1995, 24, 121-128.	7.8	24
184	On the mobility of Immunoglobulines G in Langmuir-Blodgett films. Thin Solid Films, 1995, 269, 85-89.	1.8	4
185	A new instrument for the simultaneous determination of pH and redox potential. Review of Scientific Instruments, 1995, 66, 4341-4346.	1.3	5
186	Heat Stable Langmuir-Blodgett Film of Glutathione-S-Transferase. Langmuir, 1995, 11, 2719-2725.	3.5	28
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189	Investigation of carrier transport through silicon wafers by photocurrent measurements. Journal of Applied Physics, 1994, 75, 4000-4008.	2.5	47
190	Scanning tunnelling microscopy of a monolayer of reaction centres. Thin Solid Films, 1994, 243, 403-406.	1.8	50
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193	More information on the calibration of scanning stylus microscopes by twoâ€dimensional fast Fourierâ€transform analysis. Review of Scientific Instruments, 1994, 65, 2860-2863.	1.3	14
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