

# Claudio Nicolini

## List of Publications by Year in descending order

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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	Interactions between Conjugated Polymers and Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3124-3130.	2.6	223
2	Cholesterol biosensors prepared by layer-by-layer technique. <i>Biosensors and Bioelectronics</i> , 2001, 16, 849-856.	10.1	160
3	Direct electron transfer between cytochrome P450 <sub>sc</sub> and gold nanoparticles on screen-printed rhodium-graphite electrodes. <i>Biosensors and Bioelectronics</i> , 2005, 21, 217-222.	10.1	110
4	Carbon nanotube biocompatibility with cardiac muscle cells. <i>Nanotechnology</i> , 2006, 17, 391-397.	2.6	110
5	Nano-assembly of glucose oxidase on their self-assembled films of polypyrrole and its optical, surface and electrochemical characterizations. <i>Nanotechnology</i> , 2000, 11, 112-119.	2.6	107
6	Modifications of chromatin structure and gene expression following induced alterations of cellular shape. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 1447-1461.	2.8	101
7	Physical Properties of Polyaniline Films: Assembled by the Layer-by-Layer Technique. <i>Langmuir</i> , 1999, 15, 1252-1259.	3.5	93
8	Improved nanocomposite materials for biosensor applications investigated by electrochemical impedance spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2005, 109, 221-226.	7.8	92
9	Cholesterol amperometric biosensor based on cytochrome P450 <sub>sc</sub> . <i>Biosensors and Bioelectronics</i> , 2004, 19, 971-976.	10.1	88
10	Microstructure Origin of the Conductivity Differences in Aggregated CuS Films of Different Thickness. <i>Langmuir</i> , 2003, 19, 766-771.	3.5	86
11	Thermal stability of protein secondary structure in Langmuir-Blodgett films. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1993, 1158, 273-278.	2.4	82
12	Synthesis of Multiwalled Carbon Nanotubes and Poly(o-anisidine) Nanocomposite Material: Fabrication and Characterization of Its Langmuir-Schaefer Films. <i>Langmuir</i> , 2002, 18, 1535-1541.	3.5	80
13	Formation of Ultrathin Semiconductor Films by CdS Nanostructure Aggregation. <i>The Journal of Physical Chemistry</i> , 1994, 98, 13323-13327.	2.9	71
14	The electrochromic response of polyaniline and its copolymeric systems. <i>Thin Solid Films</i> , 1997, 303, 27-33.	1.8	71
15	Immunosuppressive drug-free operational immune tolerance in human kidney transplant recipients: Part I. blood gene expression statistical analysis. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1681-1692.	2.6	68
16	Optical and Electrochemical Properties of Poly(o-toluidine) Multiwalled Carbon Nanotubes Composite Langmuir-Schaefer Films. <i>Langmuir</i> , 2004, 20, 969-973.	3.5	67
17	Nanogravimetric gauge for surface density measurements and deposition analysis of langmuir-blodgett films. <i>Thin Solid Films</i> , 1993, 230, 86-89.	1.8	62
18	Accelerated protein crystal growth by protein thin film template. <i>Journal of Crystal Growth</i> , 2001, 231, 599-602.	1.5	60

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19	Lipase-catalyzed degradation of poly( $\mu$ -caprolactone). <i>Enzyme and Microbial Technology</i> , 2004, 35, 321-326.	3.2	59
20	Role of Protein Unfolding in Monolayer Formation on Air/Water Interface. <i>Langmuir</i> , 1996, 12, 3272-3275.	3.5	56
21	Protein nanocrystallography: a new approach to structural proteomics. <i>Trends in Biotechnology</i> , 2004, 22, 117-122.	9.3	55
22	Poly(2,5-dimethylaniline)/MWNTs nanocomposite: a new material for conductometric acid vapours sensor. <i>Sensors and Actuators B: Chemical</i> , 2004, 98, 247-253.	7.8	55
23	Bioinformatic Prediction of Leader Genes in Human Periodontitis. <i>Journal of Periodontology</i> , 2008, 79, 1974-1983.	3.4	54
24	Nanoproteomics enabling personalized nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1522-1531.	13.7	53
25	New nanomaterials for light weight lithium batteries. <i>Analytica Chimica Acta</i> , 2006, 568, 57-64.	5.4	52
26	Quartz balance DNA sensor. <i>Biosensors and Bioelectronics</i> , 1997, 12, 613-618.	10.1	51
27	Scanning tunnelling microscopy of a monolayer of reaction centres. <i>Thin Solid Films</i> , 1994, 243, 403-406.	1.8	50
28	Construction and characterization of bioelectrocatalytic sensors based on cytochromes P450. <i>Journal of Inorganic Biochemistry</i> , 2001, 87, 185-190.	3.5	49
29	Investigation of carrier transport through silicon wafers by photocurrent measurements. <i>Journal of Applied Physics</i> , 1994, 75, 4000-4008.	2.5	47
30	Comparative studies on Langmuir-Schaefer films of polyanilines. <i>Synthetic Metals</i> , 1999, 100, 249-259.	3.9	46
31	Protein nucleation and crystallization by homologous protein thin film template. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 243-251.	2.6	46
32	Circular dichroism and thermal denaturation studies of chromatin and DNA from BrdU-treated mouse fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1974, 59, 920-926.	2.1	45
33	Fabrication and physico-chemical properties of Nafion Langmuir-Schaefer films. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4036-4043.	2.8	45
34	Comparative study of some properties of chromatin from normal diploid and SV40 [Simian virus 40] transformed human fibroblasts. <i>Biochemistry</i> , 1974, 13, 4127-4133.	2.5	44
35	Optical, structural and fluorescence microscopic studies on reduced form of polyaniline: The leucoemeraldine base. <i>Synthetic Metals</i> , 1997, 89, 63-69.	3.9	44
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37	Interaction of Catechol and Catechol Derivatives with Dioxovanadium(V). I. Kinetics of Complex Formation in Acidic Media. <i>Journal of the American Chemical Society</i> , 1974, 96, 7410-7415.	13.7	43
38	Investigation of Ultrathin Films of Processable Poly(o-anisidine) Conducting Polymer Obtained by the Langmuir-Blodgett Technique. <i>Journal of Physical Chemistry B</i> , 1997, 101, 4759-4766.	2.6	43
39	Two-dimensional order and protein thermal stability: high temperature preservation of structure and function. <i>Biosensors and Bioelectronics</i> , 1995, 10, 25-34.	10.1	42
40	Nanoassemblies of sulfonated polyaniline multilayers. <i>Nanotechnology</i> , 2000, 11, 30-36.	2.6	41
41	Effect of cell trypsinization on nuclear proteins of WI-38 fibroblasts in culture. <i>Journal of Cellular Physiology</i> , 1975, 86, 71-81.	4.1	40
42	Poly(o-anisidine) Langmuir-Schaefer Films: Fabrication and Characterization. <i>Langmuir</i> , 1997, 13, 2760-2765.	3.5	40
43	Immunosuppressive drug-free operational immune tolerance in human kidney transplants recipients. Part II. Non-statistical gene microarray analysis. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1693-1706.	2.6	40
44	A clarification of the complex spectrum observed with the ultraviolet circular dichroism of ethidium bromide bound to DNA. <i>Nucleic Acids Research</i> , 1975, 2, 477-486.	14.5	38
45	Protein thermal stability: The role of protein structure and aqueous environment. <i>Archives of Biochemistry and Biophysics</i> , 2007, 466, 40-48.	3.0	37
46	Biomaterials for orthopedics: A roughness analysis by atomic force microscopy. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 723-730.	4.0	36
47	Gene expression of human T lymphocytes cell cycle: Experimental and bioinformatic analysis. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1326-1333.	2.6	35
48	Langmuir-Schaefer films of a poly(o-anisidine) conducting polymer for sensors and displays. <i>Nanotechnology</i> , 1998, 9, 228-236.	2.6	34
49	An in-vitro study of the sterilization of titanium dental implants using low intensity UV-radiation. <i>Dental Materials</i> , 2005, 21, 756-760.	3.5	34
50	Synthesis, fabrication and characterization of poly[3-(vinylcarbazole)] (PVK) Langmuir-Schaefer films. <i>Polymer</i> , 2004, 45, 1659-1664.	3.8	33
51	Recombinant Cytochrome P450 Immobilization for Biosensor Applications. <i>Langmuir</i> , 2004, 20, 11706-11712.	3.5	33
52	Ultrathin films of tetrasulfonated copper phthalocyanine-capped titanium dioxide nanoparticles: Fabrication, characterization, and photovoltaic effect. <i>Journal of Colloid and Interface Science</i> , 2005, 290, 166-171.	9.4	33
53	P450 <sub>sc</sub> Engineering and Nanostructuring for Cholesterol Sensing. <i>Langmuir</i> , 2001, 17, 3719-3726.	3.5	32
54	Functionalization and photoelectrochemical characterization of poly[3-(vinylcarbazole)] multi-walled carbon nanotube (PVK-MWNT) Langmuir-Schaefer films. <i>Nanotechnology</i> , 2006, 17, 699-705.	2.6	31

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55	Synthesis and characterization of polyaniline derivatives and related carbon nanotubes nanocomposites – Study of optical properties and band gap calculation. <i>Polymer</i> , 2011, 52, 46-54.	3.8	31
56	Interaction of catechol and catechol derivatives with dioxovanadium(V). II. Kinetics of ligand oxidation. <i>Journal of the American Chemical Society</i> , 1974, 96, 7416-7420.	13.7	29
57	Circular dichroism and ethidium bromide binding studies of chromatin from WI-38 fibroblasts stimulated to proliferate. <i>Chemico-Biological Interactions</i> , 1975, 11, 101-116.	4.0	29
58	Viscoelastic properties of native DNA from intact nuclei of mammalian cells. <i>Journal of Molecular Biology</i> , 1982, 161, 155-175.	4.2	29
59	Alkaline lysis of mammalian cells for sedimentation analysis of nuclear DNA. Conformation of released DNA as monitored by physical, electron microscopic and enzymological techniques. <i>Nucleic Acids and Protein Synthesis</i> , 1975, 407, 174-190.	1.7	28
60	Critical nuclear DNA size and distribution associated with S phase initiation. <i>Cell Biophysics</i> , 1986, 8, 103-117.	0.4	28
61	Neural networks for the peak-picking of nuclear magnetic resonance spectra. <i>Neural Networks</i> , 1993, 6, 1023-1032.	5.9	28
62	Heat Stable Langmuir-Blodgett Film of Glutathione-S-Transferase. <i>Langmuir</i> , 1995, 11, 2719-2725.	3.5	28
63	Radiation stability of protein crystals grown by nanostructured templates: synchrotron microfocus analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 1687-1693.	2.9	28
64	Thioredoxin from <i>Bacillus acidocaldarius</i> : characterization, high-level expression in <i>Escherichia coli</i> and molecular modelling. <i>Biochemical Journal</i> , 1997, 328, 277-285.	3.7	27
65	Three-dimensional atomic structure of a catalytic subunit mutant of human protein kinase CK2. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2133-2139.	2.5	27
66	Bacteriorhodopsin-based Langmuir-Schaefer films for solar energy capture. <i>IEEE Transactions on Nanobioscience</i> , 2003, 2, 124-132.	3.3	27
67	Langmuir-Schaefer Films of Nafion with Incorporated TiO <sub>2</sub> Nanoparticles. <i>Langmuir</i> , 2005, 21, 172-177.	3.5	27
68	Anodic porous alumina as mechanical stability enhancer for LDL-cholesterol sensitive electrodes. <i>Biosensors and Bioelectronics</i> , 2007, 23, 655-660.	10.1	27
69	Prototypes of Newly Conceived Inorganic and Biological Sensors for Health and Environmental Applications. <i>Sensors</i> , 2012, 12, 17112-17127.	3.8	27
70	Ethidium Bromide Intercalation and Chromatin Structure: A Spectropolarimetric Analysis. <i>Biochemistry</i> , 1994, 33, 6578-6585.	2.5	26
71	Semiconductor nanoparticles for quantum devices. <i>Nanotechnology</i> , 1998, 9, 158-161.	2.6	26
72	Biosensors: a step to bioelectronics. <i>Physics World</i> , 1992, 5, 30-37.	0.0	25

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73	ÅGISAXS and protein nanotemplate crystallization: methods and instrumentation. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 713-716.	2.4	25
74	High-sensitivity biosensor based on LB technology and on nanogravimetry. <i>Sensors and Actuators B: Chemical</i> , 1995, 24, 121-128.	7.8	24
75	Langmuir-Blodgett films of photosensitive proteins. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996, 33, 191-200.	3.8	24
76	Construction of organic-inorganic hybrid ultrathin films self-assembled from poly(thiophene-3-acetic acid) and TiO <sub>2</sub> . <i>Journal of Materials Chemistry</i> , 2002, 12, 3585-3590.	6.7	24
77	Nanostructured Biofilms and Biocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2209-2236.	0.9	23
78	Radiation stability of proteinase K crystals grown by LB nanotemplate method. <i>Journal of Structural Biology</i> , 2009, 168, 409-418.	2.8	23
79	Pepto: An expert system for automatic peak assignment of two-dimensional nuclear magnetic resonance spectra of proteins. <i>Journal of Computational Chemistry</i> , 1990, 11, 805-818.	3.3	22
80	Atomic structure of a CK2 $\gamma$ human kinase by microfocus diffraction of extra-small microcrystals grown with nanobiofilm template. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 1010-1020.	2.6	22
81	In Situ $\frac{1}{4}$ GISAXS: I. Experimental Setup for Submicron Study of Protein Nucleation and Growth. <i>Biophysical Journal</i> , 2010, 99, 1256-1261.	0.5	22
82	Conductometric Monitoring of Protein-Protein Interactions. <i>Journal of Proteome Research</i> , 2013, 12, 5535-5547.	3.7	22
83	Recombinant Laccase: I. Enzyme cloning and characterization. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 599-605.	2.6	21
84	Langmuir films of Fc binding receptors engineered from protein A and protein G as a sublayer for immunoglobulin orientation. <i>Thin Solid Films</i> , 1996, 284-285, 698-702.	1.8	20
85	Structure and growth of ultrasmall protein microcrystals by synchrotron radiation: I. ÅGISAXS and Ådiffraction of P450 <sub>scc</sub> . <i>Journal of Cellular Biochemistry</i> , 2006, 97, 544-552.	2.6	20
86	Gene expression in the cell cycle of human T-lymphocytes: II. Experimental determination by DNASER technology. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 1151-1159.	2.6	20
87	In Situ $\frac{1}{4}$ GISAXS: II. Thaumatin Crystal Growth Kinetic. <i>Biophysical Journal</i> , 2010, 99, 1262-1267.	0.5	20
88	Role of nonhistone chromosomal proteins in determining circular dichroism spectra of chromatin. <i>Archives of Biochemistry and Biophysics</i> , 1975, 169, 678-685.	3.0	19
89	DNASER I: layout and data analysis. <i>IEEE Transactions on Nanobioscience</i> , 2002, 1, 67-72.	3.3	19
90	From art to science in protein crystallization by means of thin-film nanotechnology. <i>Nanotechnology</i> , 2002, 13, 460-464.	2.6	18

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91	Complex catalytic colloids on the basis of firefly luciferase as optical nanosensor platform. <i>Biotechnology and Bioengineering</i> , 2003, 84, 286-291.	3.3	18
92	Morphology and conductivity in poly(ortho-anisidine)/carbon nanotubes nanocomposite films. <i>Thin Solid Films</i> , 2004, 468, 17-22.	1.8	18
93	Methods to fabricate nanocontacts for electrical addressing of single molecules. <i>Sensors and Actuators B: Chemical</i> , 2005, 105, 542-548.	7.8	18
94	Nanogenomics for medicine. <i>Nanomedicine</i> , 2006, 1, 147-152.	3.3	18
95	Proteomics and Proteogenomics Approaches for Oral Diseases. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 95, 125-162.	2.3	18
96	Effects of histone acetylation on chromatin structure. , 1997, 64, 466-475.		17
97	Towards a light-addressable transducer bacteriorhodopsin based. <i>Nanotechnology</i> , 1998, 9, 223-227.	2.6	17
98	Nanofabrication of Organic/Inorganic Hybrids of TiO <sub>2</sub> with Substituted Phthalocyanine or Polythiophene. <i>Journal of Nanoscience and Nanotechnology</i> , 2001, 1, 207-213.	0.9	17
99	Optimization of Optical Properties of Polycarbonate Film with Thiol Gold-Nanoparticles. <i>Materials</i> , 2009, 2, 1193-1204.	2.9	17
100	Increase of catalytic activity of lipase towards olive oil by Langmuir-film immobilization of lipase. <i>Enzyme and Microbial Technology</i> , 2009, 44, 72-76.	3.2	17
101	MALDI-TOF characterization of NAPPA-generated proteins. <i>Journal of Mass Spectrometry</i> , 2011, 46, 960-965.	1.6	17
102	Chemically induced anisotropy in antibody Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1994, 237, 19-21.	1.8	16
103	Orientation of Cytochrome P450 <sub>scc</sub> in Langmuir-Blodgett Monolayers. <i>Langmuir</i> , 1997, 13, 299-304.	3.5	16
104	Pollutant sensing layer based on cytochrome P450. <i>Materials Science and Engineering C</i> , 2002, 22, 155-159.	7.3	16
105	Electrochemical study of the interaction between cytochrome P450 <sub>sccK201E</sub> and cholesterol. <i>Talanta</i> , 2004, 62, 945-950.	5.5	16
106	Nanoproteomics for nanomedicine. <i>Nanomedicine</i> , 2010, 5, 677-682.	3.3	16
107	Qualitative and quantitative analysis of the secondary structure of cytochrome C Langmuir-Blodgett films. , 1997, 42, 227-237.		15
108	Effects of polyamines on higher-order folding of in situ chromatin. <i>Molecular Biology Reports</i> , 1998, 25, 237-244.	2.3	15

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109	Controlled-atmosphere chamber for atomic force microscopy investigations. <i>Review of Scientific Instruments</i> , 2000, 71, 2409-2413.	1.3	15
110	Atomic Force Microscopy and Anodic Porous Alumina of Nucleic Acid Programmable Protein Arrays. <i>Recent Patents on Biotechnology</i> , 2013, 7, 112-121.	0.8	15
111	More information on the calibration of scanning stylus microscopes by two-dimensional fast Fourier transform analysis. <i>Review of Scientific Instruments</i> , 1994, 65, 2860-2863.	1.3	14
112	Ethidium bromide intercalation and chromatin structure: A thermal analysis. <i>Thermochimica Acta</i> , 1997, 294, 193-204.	2.7	14
113	Comparison of lysozyme structures derived from thin-film-based and classical crystals. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 803-808.	2.5	14
114	Atomic force microscopy of protein films and crystals. <i>Review of Scientific Instruments</i> , 2007, 78, 093704.	1.3	14
115	Recombinant Laccase: II. Medical Biosensor. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2012, 22, 197-203.	0.9	14
116	Circular dichroism spectra and ethidium bromide binding of 5-deoxybromouridine-substituted chromatin. <i>Biochemical and Biophysical Research Communications</i> , 1975, 64, 189-195.	2.1	13
117	A simple method for preparing calibration standards for the three working axes of scanning probe microscope piezo scanners. <i>Review of Scientific Instruments</i> , 1996, 67, 748-751.	1.3	13
118	High order DNA structure as inferred by optical fluorimetry and scanning calorimetry. <i>Molecular Biology Reports</i> , 1997, 24, 235-246.	2.3	13
119	In-Plane Patterning of Aggregated Nanoparticle Layers. <i>Langmuir</i> , 2002, 18, 3185-3190.	3.5	13
120	Electrical properties of thin copper sulfide films produced by the aggregation of nanoparticles formed in LB precursor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 645-650.	4.7	13
121	Langmuir-Blodgett films of lipase for biocatalysis. <i>Materials Science and Engineering C</i> , 2002, 22, 419-422.	7.3	13
122	Preparation, characterization and electrochemical properties of Nafion <sup>®</sup> doped poly(ortho-anisidine) Langmuir-Schaefer films. <i>Electrochemistry Communications</i> , 2003, 5, 787-792.	4.7	13
123	Langmuir-Blodgett film of glutathione S-transferase immobilised on silanized surfaces. <i>Thin Solid Films</i> , 1995, 268, 108-113.	1.8	12
124	Kinetics study of glutathione S-transferase Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1996, 284-285, 854-858.	1.8	12
125	Surface Pressure Induced Structural Effects in Photosynthetic Reaction Center Langmuir-Blodgett Films. <i>Langmuir</i> , 1998, 14, 193-198.	3.5	12
126	Synthesis of controlled copolymerisation of aniline and ortho-anisidine: a physical insight in its Langmuir-Schaefer films. <i>Synthetic Metals</i> , 2001, 123, 197-206.	3.9	12



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127	Electrochemical investigation on MEH-PPV/C60 nanocomposite Langmuir-Schaefer films. <i>Electrochemistry Communications</i> , 2002, 4, 503-505.	4.7	12
128	Objective assessment of scientific performances world-wide. <i>Scientometrics</i> , 2008, 76, 527-541.	3.0	12
129	DNA bridging of yeast chromosomes VIII leads to near-reciprocal translocation and loss of heterozygosity with minor cellular defects. <i>Chromosoma</i> , 2009, 118, 179-191.	2.2	12
130	MicroGISAXS of Langmuir-Blodgett protein films: effect of temperature on long-range order. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 330-335.	2.4	12
131	Unique water distribution of Langmuir-Blodgett versus classical crystals. <i>Journal of Structural Biology</i> , 2012, 180, 57-64.	2.8	12
132	A Review of the Strategies for Obtaining High-Quality Crystals Utilizing Nanotechnologies and Microgravity. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2014, 24, 325-339.	0.9	12
133	Advances in Nanocrystallography as a Proteomic Tool. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 95, 163-191.	2.3	12
134	Langmuir-Blodgett nanotemplates for protein crystallography. <i>Nature Protocols</i> , 2017, 12, 2570-2589.	12.0	12
135	DNA Alkaline Elution: Physical Basis of the Elution Process and Validation of this Method as a Screening Procedure to Identify Chemical Carcinogens. , 1982, , 93-119.		12
136	Changes of chromatin condensation in one patient with ataxia telangiectasia disorder: A structural study. , 1999, 75, 578-586.		11
137	Detection of hydrogen sulfide: the role of fatty acid salt Langmuir-Blodgett films. <i>Materials Science and Engineering C</i> , 2000, 11, 121-128.	7.3	11
138	Nanocrystallography: an emerging technology for structural proteomics. <i>Expert Review of Proteomics</i> , 2004, 1, 253-256.	3.0	11
139	Investigating crystal-growth mechanisms with and without LB template: protein transfer from LB to crystal. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 809-812.	2.5	11
140	A Heterostructure Composed of Conjugated Polymer and Copper Sulfide Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15798-15802.	2.6	11
141	Structure and growth of ultrasmall protein microcrystals by synchrotron radiation: II. $\mu$ GISAX and microscopy of lysozyme. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 553-560.	2.6	11
142	Solution structure of the $\beta$ -subunit of the translation initiation factor aIF2 from archaebacteria <i>Sulfolobus solfataricus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 1112-1115.	2.6	11
143	Mechanical interactions in STM imaging of large insulating adsorbates. <i>Ultramicroscopy</i> , 1995, 58, 269-274.	1.9	10
144	Homology modeling of cytochrome P450 <sub>scc</sub> and the mutations for optimal amperometric sensor. <i>Journal of Theoretical Biology</i> , 2005, 234, 479-485.	1.7	10

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145	Oxygen-bound hell's gate globin I by classical versus LB nanotemplate method. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 2543-2548.	2.6	10
146	Langmuir-Blodgett Nanotemplate and Radiation Resistance in Protein Crystals: State of the Art. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2012, 22, 219-232.	0.9	10
147	Phase transitions in nuclei and chromatin. <i>Cell Biophysics</i> , 1984, 6, 183-196.	0.4	9
148	Characterization of silicon transducers with Si <sub>3</sub> N <sub>4</sub> sensing surfaces by an AFM and a PAB system. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 889-893.	7.8	9
149	Fatty acid-based monoelectron device. <i>Biosensors and Bioelectronics</i> , 1997, 12, 601-606.	10.1	9
150	Expression, Purification, and Structural Characterization of Human Histone H4. <i>Protein Expression and Purification</i> , 2002, 24, 420-428.	1.3	9
151	Chromatin of <i>Trypanosoma cruzi</i> : In situ analysis revealed its unusual structure and nuclear organization. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 798-808.	2.6	9
152	Development of immobilization techniques of cytochrome P450-GST fusion protein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 23, 305-311.	5.0	9
153	AKT1 leader gene and downstream targets are involved in a rat model of kidney allograft tolerance. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 709-719.	2.6	9
154	Protein nanotechnology for the new design and development of biocrystals and biosensors. <i>Nanomedicine</i> , 2012, 7, 1117-1120.	3.3	9
155	Analysis of gene expression on anodic porous alumina microarrays. <i>Bioengineered</i> , 2013, 4, 332-337.	3.2	9
156	An overview of nanotechnology-based functional proteomics for cancer and cell cycle progression. <i>Anticancer Research</i> , 2010, 30, 2073-80.	1.1	9
157	Physico-Chemical Studies of Isolated Chromatin Compared with in situ Chromatin after Partial Hepatectomy in the Rat. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1979, 34, 442-448.	1.4	8
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