

# Jose L Toca-Herrera

## List of Publications by Year in descending order

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Version: 2024-02-01

141  
papers

5,700  
citations

109321

35  
h-index

88630

70  
g-index

148  
all docs

148  
docs citations

148  
times ranked

6619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate stiffness modulates the viscoelastic properties of MCF-7 cells. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104979.	3.1	15
2	miRNA editing of Filamin A regulates cellular adhesion, migration and mechanical properties. FEBS Journal, 2022, 289, 4580-4601.	4.7	17
3	Measuring Mechanical Properties of Breast Cancer Cells with Atomic Force Microscopy. Methods in Molecular Biology, 2022, 2471, 323-343.	0.9	3
4	Measuring (biological) materials mechanics with atomic force microscopy. 3. Mechanical unfolding of biopolymers. Microscopy Research and Technique, 2022, , .	2.2	1
5	Measuring biological materials mechanics with atomic force microscopy •Determination of viscoelastic cell properties from stress relaxation experiments. Microscopy Research and Technique, 2022, 85, 3284-3295.	2.2	8
6	Nanostructured scaffolds based on bioresorbable polymers and graphene oxide induce the aligned migration and accelerate the neuronal differentiation of neural stem cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 31, 102314.	3.3	18
7	Measuring (biological) materials mechanics with atomic force microscopy. 2. Influence of the loading rate and applied force (colloidal particles). Microscopy Research and Technique, 2021, 84, 1078-1088.	2.2	8
8	Nucleotides-Induced Changes in the Mechanical Properties of Living Endothelial Cells and Astrocytes, Analyzed by Atomic Force Microscopy. International Journal of Molecular Sciences, 2021, 22, 624.	4.1	5
9	Cell stiffness under small and large deformations measured by optical tweezers and atomic force microscopy: effects of actin disruptors CK-869 and jasplakinolide. Journal Physics D: Applied Physics, 2021, 54, 124001.	2.8	13
10	Specific domain V reduction of beta-2-glycoprotein I induces protein flexibility and alters pathogenic antibody binding. Scientific Reports, 2021, 11, 4542.	3.3	3
11	Encapsulation of Opiorphin in Polymer-coated Alginate Beads for Controlled Delivery and Painkilling. International Journal Bioautomation, 2021, 25, 101-111.	0.3	2
12	Estrogen Modulates Epithelial Breast Cancer Cell Mechanics and Cell-to-Cell Contacts. Materials, 2021, 14, 2897.	2.9	7
13	Survival analysis of author keywords: An application to the library and information sciences area. Journal of the Association for Information Science and Technology, 2020, 71, 462-473.	2.9	16
14	UV-Laser Interference Lithography for Local Functionalization of Plasmonic Nanostructures with Responsive Hydrogel. Journal of Physical Chemistry C, 2020, 124, 3297-3305.	3.1	20
15	Assessment of a long-term in vitro model to characterize the mechanical behavior and macrophage-mediated degradation of a novel, degradable, electrospun poly-urethane vascular graft. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104077.	3.1	9
16	Biomechanics of Cell Membrane. International Journal of Molecular Sciences, 2020, 21, 5413.	4.1	0
17	Time- and Zinc-Related Changes in Biomechanical Properties of Human Colorectal Cancer Cells Examined by Atomic Force Microscopy. Biology, 2020, 9, 468.	2.8	1
18	Analysis of Binding Interactions of Ramipril and Quercetin on Human Serum Albumin: A Novel Method in Affinity Evaluation. Molecules, 2020, 25, 547.	3.8	12

#	ARTICLE	IF	CITATIONS
19	Single-Cell Probe Force Studies to Identify Sox2 Overexpression-Promoted Cell Adhesion in MCF7 Breast Cancer Cells. <i>Cells</i> , 2020, 9, 935.	4.1	9
20	Protein-Lipid Interaction of Cytolytic Toxin Cyt2Aa2 on Model Lipid Bilayers of Erythrocyte Cell Membrane. <i>Toxins</i> , 2020, 12, 226.	3.4	3
21	Local conformations affect the histidine tag-Ni <sup>2+</sup> binding affinity of BinA and BinB proteins. <i>AIMS Biophysics</i> , 2020, 7, 133-143.	0.6	2
22	Life under Continuous Streaming: Recrystallization of Low Concentrations of Bacterial SbpA in Dynamic Flow Conditions. <i>Coatings</i> , 2019, 9, 76.	2.6	1
23	Resveratrol-Induced Temporal Variation in the Mechanical Properties of MCF-7 Breast Cancer Cells Investigated by Atomic Force Microscopy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3275.	4.1	25
24	Microtubule disruption changes endothelial cell mechanics and adhesion. <i>Scientific Reports</i> , 2019, 9, 14903.	3.3	40
25	Novel biodegradable and non-fouling systems for controlled-release based on poly( $\epsilon$ -caprolactone)/Quercetin blends and biomimetic bacterial S-layer coatings. <i>RSC Advances</i> , 2019, 9, 24154-24163.	3.6	5
26	Study of Interactions between Amlodipine and Quercetin on Human Serum Albumin: Spectroscopic and Modeling Approaches. <i>Molecules</i> , 2019, 24, 487.	3.8	20
27	Measuring biomaterials mechanics with atomic force microscopy. 1. Influence of the loading rate and applied force (pyramidal tips). <i>Microscopy Research and Technique</i> , 2019, 82, 1392-1400.	2.2	37
28	Actively Tunable Collective Localized Surface Plasmons by Responsive Hydrogel Membrane. <i>Advanced Optical Materials</i> , 2019, 7, 1900342.	7.3	18
29	Nature-based Tourism or Mass Tourism in Nature? Segmentation of Mountain Protected Area Visitors Using Self-Organizing Maps (SOM). <i>Sustainability</i> , 2019, 11, 1314.	3.2	28
30	A Probabilistic Model for Crystal Growth Applied to Protein Deposition at the Microscale. <i>Materials</i> , 2019, 12, 479.	2.9	2
31	Lipid phase influences the binding of <i>Bacillus thuringiensis</i> Cyt2Aa2 toxin on model lipid membranes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 409-415.	2.1	4
32	Mechanical properties of gelatin nanoparticles in dependency of crosslinking time and storage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 713-720.	5.0	32
33	Atomic Force Microscopy Meets Biophysics, Bioengineering, Chemistry, and Materials Science. <i>ChemSusChem</i> , 2019, 12, 603-611.	6.8	20
34	Complex Coacervation of Milk Proteins with Sodium Alginate. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3210-3220.	5.2	60
35	Miscibility, interactions and antimicrobial activity of poly( $\epsilon$ -caprolactone)/chloramphenicol blends. <i>European Polymer Journal</i> , 2018, 102, 30-37.	5.4	9
36	Adhesion, unfolding forces, and molecular elasticity of fibronectin coatings: An atomic force microscopy study. <i>Microscopy Research and Technique</i> , 2018, 81, 38-45.	2.2	6

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37	Cholesterol Increases Lipid Binding Rate and Changes Binding Behavior of <i>Bacillus thuringiensis</i> Cytolytic Protein. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3819.	4.1	12
38	Laser Surface Microstructuring of a Bio-Resorbable Polymer to Anchor Stem Cells, Control Adipocyte Morphology, and Promote Osteogenesis. <i>Polymers</i> , 2018, 10, 1337.	4.5	20
39	<i>In situ</i> 2D bacterial crystal growth as a function of protein concentration: An atomic force microscopy study. <i>Microscopy Research and Technique</i> , 2018, 81, 1095-1104.	2.2	10
40	Electrochemical-QCMD Control over S-Layer (SbpA) Recrystallization with Fe <sup>2+</sup> as Specific Ion for Self-Assembly Induction. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1460.	2.5	2
41	Influencing the adhesion properties and wettability of mucin protein films by variation of the environmental pH. <i>Scientific Reports</i> , 2018, 8, 9660.	3.3	21
42	Following laser induced changes of plant phenylpropanoids by Raman microscopy. <i>Scientific Reports</i> , 2018, 8, 11804.	3.3	25
43	Polyelectrolyte brushes as supportive substrate for bacterial S-layer recrystallization: Polymer charge and chain extension factors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 526, 56-63.	4.7	4
44	Optical Waveguide-Enhanced Diffraction for Observation of Responsive Hydrogel Nanostructures. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600400.	2.2	9
45	Influence of quercetin on the interaction of gliclazide with human serum albumin – spectroscopic and docking approaches. <i>Luminescence</i> , 2017, 32, 1203-1211.	2.9	23
46	Scanning probe microscopy in soft matter and life sciences. <i>Microscopy Research and Technique</i> , 2017, 80, 3-3.	2.2	0
47	<i>Bacillus thuringiensis</i> Cyt2Aa2 binding on lipid/cholesterol bilayer depends on protein concentration and time. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 212-217.	2.1	2
48	Cation-chelation and pH induced controlled switching of the non-fouling properties of bacterial crystalline films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 270-277.	5.0	3
49	Investigating cell-substrate and cell-cell interactions by means of single-cell probe force spectroscopy. <i>Microscopy Research and Technique</i> , 2017, 80, 124-130.	2.2	19
50	Characterization of Cell Scaffolds by Atomic Force Microscopy. <i>Polymers</i> , 2017, 9, 383.	4.5	42
51	In Vitro Characterization of the Two-Stage Non-Classical Reassembly Pathway of S-Layers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 400.	4.1	14
52	Analyzing Spatial Behavior of Backcountry Skiers in Mountain Protected Areas Combining GPS Tracking and Graph Theory. <i>Symmetry</i> , 2017, 9, 317.	2.2	18
53	Impact of surface wettability on S-layer recrystallization: a real-time characterization by QCM-D. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 91-98.	2.8	15
54	afmToolkit: an R Package for Automated AFM Force-Distance Curves Analysis. <i>R Journal</i> , 2017, 9, 291.	1.8	19

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55	Bacillus thuringiensis Cyt2Aa2 toxin disrupts cell membranes by forming large protein aggregates. Bioscience Reports, 2016, 36, .	2.4	6
56	The difficulty of the postural control task affects multi-muscle control during quiet standing. Experimental Brain Research, 2016, 234, 1977-1986.	1.5	18
57	Automated detection of protein unfolding events in atomic force microscopy force curves. Microscopy Research and Technique, 2016, 79, 1105-1111.	2.2	7
58	Time influence on the interaction between Cyt2Aa2 and lipid/cholesterol bilayers. Microscopy Research and Technique, 2016, 79, 1017-1023.	2.2	2
59	Influencing bacterial S-layer protein recrystallization on polymer brushes through surface charge and accessible volume: A combined AFM and QCMD analysis. Polymer, 2016, 102, 379-385.	3.8	10
60	Atomic force microscopy and cells: Indentation profiles around the <scp>AFM</scp> tip, cell shape changes, and other examples of experimental factors affecting modeling. Microscopy Research and Technique, 2015, 78, 626-632.	2.2	14
61	Physical activity, physical fitness and academic achievement in adolescents: a self-organizing maps approach. Health Education Research, 2015, 30, 436-448.	1.9	38
62	Characterization of resveratrolâ€™milk protein interaction. Journal of Food Engineering, 2015, 167, 217-225.	5.2	41
63	Chain Length and Grafting Density Dependent Enhancement in the Hydrolysis of Ester-Linked Polymer Brushes. Langmuir, 2015, 31, 6463-6470.	3.5	29
64	Effect of the Concentration of Cytolytic Protein Cyt2Aa2 on the Binding Mechanism on Lipid Bilayers Studied by QCM-D and AFM. Langmuir, 2015, 31, 10477-10483.	3.5	10
65	S-layer based biomolecular imprinting. RSC Advances, 2015, 5, 83558-83564.	3.6	12
66	On the molecular interaction between albumin and ibuprofen: An AFM and QCM-D study. Colloids and Surfaces B: Biointerfaces, 2015, 134, 355-362.	5.0	7
67	Fluorescent sensors based on bacterial fusion proteins. Methods and Applications in Fluorescence, 2014, 2, 024002.	2.3	3
68	Ultra-fast laser microprocessing of medical polymers for cell engineering applications. Materials Science and Engineering C, 2014, 37, 241-250.	7.3	49
69	Interactions in lipid stabilised foam films. Advances in Colloid and Interface Science, 2014, 207, 93-106.	14.7	6
70	Biomaterial and cellular properties as examined through atomic force microscopy, fluorescence optical microscopies and spectroscopic techniques. Biotechnology Journal, 2014, 9, 51-60.	3.5	15
71	Looking at cell mechanics with atomic force microscopy: Experiment and theory. Microscopy Research and Technique, 2014, 77, 947-958.	2.2	32
72	Influence of HepG2 cell shape on nanoparticle uptake. Microscopy Research and Technique, 2014, 77, 560-565.	2.2	8

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73	Evaluating the structure and use of hiking trails in recreational areas using a mixed GPS tracking and graph theory approach. <i>Applied Geography</i> , 2014, 55, 184-192.	3.7	56
74	Bacterial membrane formation monitored with atomic force microscopy and quartz crystal microbalance. , 2014, , 41-50.		1
75	Elastic energies and morphologies of the first stages of the discoechinocyte transition. <i>Soft Matter</i> , 2013, 9, 6430.	2.7	11
76	S-Layer Protein Self-Assembly. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2484-2501.	4.1	110
77	Making novel bio-interfaces through bacterial protein recrystallization on biocompatible polylactide derivative films. <i>Journal of Chemical Physics</i> , 2013, 139, 121903.	3.0	11
78	A new automatic contact point detection algorithm for AFM force curves. <i>Microscopy Research and Technique</i> , 2013, 76, 870-876.	2.2	50
79	Cholesterol Organization in Phosphatidylcholine Liposomes: A Surface Plasmon Resonance Study. <i>Materials</i> , 2012, 5, 2306-2325.	2.9	20
80	Force Normalization in Paraplegics. <i>International Journal of Sports Medicine</i> , 2012, 33, 452-458.	1.7	4
81	Simultaneous Measurement of Mechanical and Surface Properties in Thermoresponsive, Anchored Hydrogel Films. <i>Langmuir</i> , 2012, 28, 12871-12878.	3.5	18
82	A stereochemical switch in the aDrs model system, a candidate for a functional amyloid. <i>Archives of Biochemistry and Biophysics</i> , 2012, 522, 100-106.	3.0	12
83	AFM measurements and lipid rearrangements: evidence from red blood cell shape changes. <i>Soft Matter</i> , 2012, 8, 7716.	2.7	20
84	Influence of surface chemistry and protein concentration on the adsorption rate and S-layer crystal formation. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 11905.	2.8	21
85	Why size and speed matter: frequency dependence and the mechanical properties of biomolecules. <i>Soft Matter</i> , 2011, 7, 332-342.	2.7	19
86	Fluorescent S-Layer Fusionproteins; Reassembling Behaviour and Spectral Properties. <i>Biophysical Journal</i> , 2011, 100, 199a.	0.5	0
87	Morphology and laccase production of white-rot fungi grown on wheat bran flakes under semi-solid-state fermentation conditions. <i>FEMS Microbiology Letters</i> , 2011, 318, 27-34.	1.8	33
88	Cost analysis in laccase production. <i>Journal of Environmental Management</i> , 2011, 92, 2907-2912.	7.8	94
89	Nanostructure of polysaccharide complexes. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 450-455.	9.4	34
90	Environmental, scanning electron and optical microscope image analysis software for determining volume and occupied area of solid-state fermentation fungal cultures. <i>Biotechnology Journal</i> , 2011, 6, 45-55.	3.5	8

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91	Physical attachment of fluorescent protein particles to atomic force microscopy probes in aqueous media: Implications for surface pH, fluorescence, and mechanical properties studies. Microscopy Research and Technique, 2010, 73, 746-751.	2.2	2
92	Transformation pathway of Remazol Brilliant Blue R by immobilised laccase. Bioresource Technology, 2010, 101, 8509-8514.	9.6	125
93	Rationalized approach to the determination of contact point in force-distance curves: Application to polymer brushes in salt solutions and in water. Microscopy Research and Technique, 2010, 73, NA-NA.	2.2	22
94	Stress relaxation microscopy: Imaging local stress in cells. Journal of Biomechanics, 2010, 43, 349-354.	2.1	66
95	Biodegradation of a simulated textile effluent by immobilised-coated laccase in laboratory-scale reactors. Applied Catalysis A: General, 2010, 373, 147-153.	4.3	77
96	Lipid/particle assemblies based on maltodextrin-gum arabic core as bio-carriers. Colloids and Surfaces B: Biointerfaces, 2010, 76, 449-455.	5.0	43
97	Surface Dependence of Protein Nanocrystal Formation. Small, 2010, 6, 396-403.	10.0	34
98	Uses of Laccases in the Food Industry. Enzyme Research, 2010, 2010, 1-8.	1.8	152
99	Stress relaxation and creep on living cells with the atomic force microscope: a means to calculate elastic moduli and viscosities of cell components. Nanotechnology, 2010, 21, 445101.	2.6	110
100	Absorption, Steady-State Fluorescence, Fluorescence Lifetime, and 2D Self-Assembly Properties of Engineered Fluorescent S-Layer Fusion Proteins of Geobacillus stearothermophilus NRS 2004/3a. Biomacromolecules, 2010, 11, 207-214.	5.4	19
101	Fluorescence energy transfer in the bi-fluorescent S-layer tandem fusion protein ECFP-Sgs-YFP. Journal of Structural Biology, 2010, 172, 276-283.	2.8	12
102	Fluorescent S-layer protein colloids. Soft Matter, 2010, 6, 3809.	2.7	7
103	Protein decorated membranes by specific molecular interactions. Soft Matter, 2010, 6, 2815.	2.7	28
104	Substrate influence on cell shape and cell mechanics: HepG2 cells spread on positively charged surfaces. Microscopy Research and Technique, 2009, 72, 957-964.	2.2	30
105	Electrophoretic characterization of gold nanoparticles functionalized with human serum albumin (HSA) and creatine. Journal of Colloid and Interface Science, 2009, 332, 215-223.	9.4	76
106	Removal of synthetic dyes by an eco-friendly strategy. Engineering in Life Sciences, 2009, 9, 116-123.	3.6	86
107	Effects of Electrical Stimulation on Muscle Trophism in Patients With Hemophilic Arthropathy. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1924-1930.	0.9	25
108	Versatile cloning system for construction of multimeric proteins for use in atomic force microscopy. Protein Science, 2009, 11, 2179-2183.	7.6	102

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109	The new future of scanning probe microscopy: Combining atomic force microscopy with other surface-sensitive techniques, optical microscopy and fluorescence techniques. <i>Nanoscale</i> , 2009, 1, 40.	5.6	75
110	Effect of fatigue on the intra-cycle acceleration in front crawl swimming: A time-frequency analysis. <i>Journal of Biomechanics</i> , 2008, 41, 86-92.	2.1	17
111	From Native to Non-Native Two-Dimensional Protein Lattices through Underlying Hydrophilic/Hydrophobic Nanoprotrusions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4707-4710.	13.8	28
112	Thermal stability, mechanical properties and water content of bacterial protein layers recrystallized on polyelectrolyte multilayers. <i>Soft Matter</i> , 2008, 4, 1414.	2.7	40
113	Efficiency of a Bienenzyme Sequential Reaction System Immobilized on Polyelectrolyte Multilayer-Coated Colloids. <i>Langmuir</i> , 2008, 24, 14108-14114.	3.5	63
114	Cross-Education After One Session of Unilateral Surface Electrical Stimulation of the Rectus Femoris. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 614-618.	2.1	16
115	Mapping Bacterial Surface Layers Affinity to Polyelectrolytes Through the Building of Hybrid Macromolecular Structures. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4260-4266.	0.9	11
116	Bacterial protein patterning by micro-contact printing of PLL-g-PEG. <i>Journal of Biotechnology</i> , 2007, 130, 247-252.	3.8	24
117	Banana skin: A novel waste for laccase production by <i>Trametes pubescens</i> under solid-state conditions. Application to synthetic dye decolouration. <i>Dyes and Pigments</i> , 2007, 75, 32-37.	3.7	101
118	Coating of immobilised laccase for stability enhancement: A novel approach. <i>Applied Catalysis A: General</i> , 2007, 329, 156-160.	4.3	37
119	Sunflower seed shells: A novel and effective low-cost adsorbent for the removal of the diazo dye Reactive Black 5 from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2007, 147, 900-905.	12.4	147
120	Laccase production at reactor scale by filamentous fungi. <i>Biotechnology Advances</i> , 2007, 25, 558-569.	11.7	176
121	Fluorescence Emission Properties of S-Layer Enhanced Green Fluorescent Fusion Protein as a Function of Temperature, pH Conditions, and Guanidine Hydrochloride Concentration. <i>Biomacromolecules</i> , 2006, 7, 3298-3301.	5.4	10
122	Structure, Surface Interactions, and Compressibility of Bacterial S-Layers through Scanning Force Microscopy and the Surface Force Apparatus. <i>Biophysical Journal</i> , 2006, 90, 1821-1829.	0.5	32
123	From Hollow Shells to Artificial Cells: Biointerface Engineering on Polyelectrolyte Capsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2329-2337.	0.9	8
124	Surface electrical stimulation of the quadriceps femoris in patients affected by haemophilia A. <i>Haemophilia</i> , 2006, 12, 629-632.	2.1	22
125	Industrial and biotechnological applications of laccases: A review. <i>Biotechnology Advances</i> , 2006, 24, 500-513.	11.7	1,119
126	Recrystallization of Bacterial S-Layers on Flat Polyelectrolyte Surfaces and Hollow Polyelectrolyte Capsules. <i>Small</i> , 2005, 1, 339-348.	10.0	68



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127	Chemical and thermal denaturation of crystalline bacterial S-layer proteins: An atomic force microscopy study. <i>Microscopy Research and Technique</i> , 2004, 65, 226-234.	2.2	49
128	Force mode atomic force microscopy as a tool for protein folding studies. <i>Analytica Chimica Acta</i> , 2003, 479, 87-105.	5.4	120
129	Hidden complexity in the mechanical properties of titin. <i>Nature</i> , 2003, 422, 446-449.	27.8	268
130	Mechanical Unfolding of a Titin Ig Domain: Structure of Transition State Revealed by Combining Atomic Force Microscopy, Protein Engineering and Molecular Dynamics Simulations. <i>Journal of Molecular Biology</i> , 2003, 330, 867-877.	4.2	168
131	A simple method for probing the mechanical unfolding pathway of proteins in detail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12143-12148.	7.1	93
132	Fluorescence Spectroscopy on Polyelectrolyte Free Standing Films. <i>Macromolecules</i> , 2002, 35, 2861-2864.	4.8	20
133	Steady-State Fluorescence Investigation of Pyrene-Labeled Poly(Acrylic Acid)s in Aqueous Solution and in the Presence of Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2002, 18, 5600-5606.	3.5	66
134	Mechanical Unfolding of a Titin Ig Domain: Structure of Unfolding Intermediate Revealed by Combining AFM, Molecular Dynamics Simulations, NMR and Protein Engineering. <i>Journal of Molecular Biology</i> , 2002, 322, 841-849.	4.2	200
135	X-ray diffraction and foam film investigations of PC head group interaction in water/ethanol mixtures. <i>Chemistry and Physics of Lipids</i> , 2001, 110, 183-194.	3.2	22
136	Phospholipid foam films studied by contact angle measurements and fluorescence microscopy. <i>Colloid and Polymer Science</i> , 2000, 278, 771-776.	2.1	11
137	Effect of the Charged Lipid DMPG on the Thickness and Contact Angle of Foam Films. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5486-5491.	2.6	15
138	Influence of ethanol on the thickness and free energy of film formation of DMPC foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 152, 357-365.	4.7	9
139	The thickness and contact angle of sodium dodecyl sulfate foam films depending on the concentration of LiCl. <i>Colloid and Polymer Science</i> , 1998, 276, 518-523.	2.1	23
140	Influence of Na <sup>+</sup> , Ca <sup>2+</sup> on the thickness and free energy of dmpe foam films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 144, 319-326.	4.7	14
141	Scientific literature analysis of Judo in Web of Science®. <i>Archives of Budo</i> , 0, 9, 81-91.	0.0	37