

Martin Hof

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219
papers

6,097
citations

41
h-index

65
g-index

251
ext. papers

6,895
ext. citations

4.5
avg, IF

5.67
L-index

#	Paper	IF	Citations
219	Laurdan in live cell imaging: Effect of acquisition settings, cell culture conditions and data analysis on generalized polarization measurements.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022 , 228, 112404	6.7	0
218	The impact of the glycan headgroup on the nanoscopic segregation of gangliosides. <i>Biophysical Journal</i> , 2021 ,	2.9	1
217	What Does Time-Dependent Fluorescence Shift (TDFS) in Biomembranes (and Proteins) Report on?. <i>Frontiers in Chemistry</i> , 2021 , 9, 738350	5	4
216	Superradiant Emission from Coherent Excitons in van Der Waals Heterostructures. <i>Advanced Functional Materials</i> , 2021 , 31, 2102196	15.6	1
215	Optical Near-Field Electron Microscopy. <i>Physical Review Applied</i> , 2021 , 16,	4.3	1
214	Protein Corona Inhibits Endosomal Escape of Functionalized DNA Nanostructures in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 46375-46390	9.5	5
213	Hidden complexity in membrane permeabilization behavior of antimicrobial polycations. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 1475-1488	3.6	3
212	Antitumor and antioxidant activities of purple potato ethanolic extract and its interaction with liposomes, albumin and plasmid DNA. <i>Food and Function</i> , 2021 , 12, 1271-1290	6.1	4
211	Solvent-Dependent Excited-State Evolution of Prodan Dyes.. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 13858-13867	3.4	1
210	Interleaflet Coupling of Lipid Nanodomains - Insights From Systems. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 284	5.7	9
209	Controlled Peptide-Mediated Vesicle Fusion Assessed by Simultaneous Dual-Colour Time-Lapsed Fluorescence Microscopy. <i>Scientific Reports</i> , 2020 , 10, 3087	4.9	8
208	Light-Induced Nanosecond Relaxation Dynamics of Rhenium-Labeled Azurins. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 788-797	3.4	5
207	Effect of helical kink in antimicrobial peptides on membrane pore formation. <i>ELife</i> , 2020 , 9,	8.9	13
206	Thiophene-linked tetramethylbodipy-labeled nucleotide for viscosity-sensitive oligonucleotide probes of hybridization and protein-DNA interactions. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 912-919	3.9	14
205	Functional Assay to Correlate Protein Oligomerization States with Membrane Pore Formation. <i>Analytical Chemistry</i> , 2020 , 92, 14861-14866	7.8	1
204	Highly synergistic antimicrobial activity of magainin 2 and PGLa peptides is rooted in the formation of supramolecular complexes with lipids. <i>Scientific Reports</i> , 2020 , 10, 11652	4.9	14
203	Hepatic Tumor Cell Morphology Plasticity under Physical Constraints in 3D Cultures Driven by YAP-mTOR Axis. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	2

202	Tail-Oxidized Cholesterol Enhances Membrane Permeability for Small Solutes. <i>Langmuir</i> , 2020 , 36, 10438-10447	4	12
201	Orientation of nitro-group governs the fluorescence lifetime of nitrobenzoxadiazole (NBD)-labeled lipids in lipid bilayers. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 1682-1688	3.6	12
200	Experimental Evidence of the Existence of Interleaflet Coupled Nanodomains: An MC-FRET Study. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2024-2030	6.4	12
199	Concurrent Compression of Phospholipid Membranes by Calcium and Cholesterol. <i>Langmuir</i> , 2019 , 35, 11358-11368	4	5
198	Remote Actuation of Apoptosis in Liver Cancer Cells via Magneto-Mechanical Modulation of Iron Oxide Nanoparticles. <i>Cancers</i> , 2019 , 11,	6.6	20
197	6,7-dimethoxy-coumarin as a probe of hydration dynamics in biologically relevant systems. <i>Methods and Applications in Fluorescence</i> , 2018 , 6, 025005	3.1	5
196	Bobbing of Oxysterols: Molecular Mechanism for Translocation of Tail-Oxidized Sterols through Biological Membranes. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1118-1123	6.4	18
195	Monitoring of nucleophosmin oligomerization in live cells. <i>Methods and Applications in Fluorescence</i> , 2018 , 6, 035016	3.1	9
194	Biomembrane Permeabilization: Statistics of Individual Leakage Events Harmonize the Interpretation of Vesicle Leakage. <i>ACS Nano</i> , 2018 , 12, 813-819	16.7	12
193	Distinct roles of SNARE-mimicking lipopeptides during initial steps of membrane fusion. <i>Nanoscale</i> , 2018 , 10, 19064-19073	7.7	7
192	Arginine-rich cell-penetrating peptides induce membrane multilamellarity and subsequently enter via formation of a fusion pore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11923-11928	11.5	90
191	Roughness of Transmembrane Helices Reduces Lipid Membrane Dynamics. <i>IScience</i> , 2018 , 10, 87-97	6.1	6
190	Molecular Gating of an Engineered Enzyme Captured in Real Time. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17999-18008	16.4	11
189	Membrane Lipid Nanodomains. <i>Chemical Reviews</i> , 2018 , 118, 11259-11297	68.1	89
188	The Impact of O-Glycosylation on Cyanidin Interaction with POPC Membranes: Structure-Activity Relationship. <i>Molecules</i> , 2018 , 23,	4.8	4
187	Lipid and DNA interaction with the triorganotin dimethylaminophenylazobenzoates studied by DSC and spectroscopy methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 134, 691-700	4.1	2
186	Increased Binding of Calcium Ions at Positively Curved Phospholipid Membranes. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 518-523	6.4	20
185	Laurdan and Di-4-ANEPPDHQ probe different properties of the membrane. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 134004	3	78

184	Impact of GM on Membrane-Mediated Aggregation/Oligomerization of β Amyloid: Unifying View. <i>Biophysical Journal</i> , 2017 , 113, 1194-1199	2.9	26
183	Two cations, two mechanisms: interactions of sodium and calcium with zwitterionic lipid membranes. <i>Chemical Communications</i> , 2017 , 53, 5380-5383	5.8	30
182	Interaction of procyanidin B with membrane lipids - Fluorescence, DSC and FTIR studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 1362-1371	3.8	5
181	Apoptotic Bax at Oxidatively Stressed Mitochondrial Membranes: Lipid Dynamics and Permeabilization. <i>Biophysical Journal</i> , 2017 , 112, 2147-2158	2.9	14
180	Oxidation of Cholesterol Changes the Permeability of Lipid Membranes. <i>Biophysical Journal</i> , 2017 , 112, 377a	2.9	4
179	Dipolar Relaxation Dynamics at the Active Site of an ATPase Regulated by Membrane Lateral Pressure. <i>Angewandte Chemie</i> , 2017 , 129, 1289-1292	3.6	3
178	Dipolar Relaxation Dynamics at the Active Site of an ATPase Regulated by Membrane Lateral Pressure. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1269-1272	16.4	10
177	Lipid Driven Nanodomains in Giant Lipid Vesicles are Fluid and Disordered. <i>Scientific Reports</i> , 2017 , 7, 5460	4.9	21
176	Interaction of Newly Platinum(II) with Tris(2-carboxyethyl)phosphine Complex with DNA and Model Lipid Membrane. <i>Journal of Membrane Biology</i> , 2017 , 250, 461-470	2.3	6
175	Nanoparticle core stability and surface functionalization drive the mTOR signaling pathway in hepatocellular cell lines. <i>Scientific Reports</i> , 2017 , 7, 16049	4.9	28
174	Key steps in unconventional secretion of fibroblast growth factor 2 reconstituted with purified components. <i>ELife</i> , 2017 , 6,	8.9	39
173	Comprehensive description of blinking-dynamics regimes in single direct-band-gap silicon nanocrystals. <i>Physical Review B</i> , 2016 , 93,	3.3	8
172	Röntgenbild: GM1-Gangliosid hemmt die β Amyloid-Oligomerisation, während Sphingomyelin diese initiiert (Angew. Chem. 32/2016). <i>Angewandte Chemie</i> , 2016 , 128, 9592-9592	3.6	
171	Solvatochromic fluorene-linked nucleoside and DNA as color-changing fluorescent probes for sensing interactions. <i>Chemical Science</i> , 2016 , 7, 5775-5785	9.4	46
170	Fluorescence of nitrobenzoxadiazole (NBD)-labeled lipids in model membranes is connected not to lipid mobility but to probe location. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7042-54	3.6	43
169	Role of protein kinase C β in apoptotic signaling of oxidized phospholipids in RAW 264.7 macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 320-30	5	6
168	New cytotoxic butyltin complexes with 2-sulfobenzoic acid: Molecular interaction with lipid bilayers and DNA as well as in vitro anticancer activity. <i>Chemico-Biological Interactions</i> , 2016 , 243, 107-18	5	12
167	The oxidized phospholipid PazePC promotes permeabilization of mitochondrial membranes by Bax. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1288-97	3.8	10

166	Fluorescence correlation spectroscopy diffusion laws in the presence of moving nanodomains. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 114002	3	17
165	GM1-Gangliosid hemmt die β Amyloid-Oligomerisation, wahrend Sphingomyelin diese initiiert. <i>Angewandte Chemie</i> , 2016 , 128, 9557-9562	3.6	1
164	GM1 Ganglioside Inhibits β Amyloid Oligomerization Induced by Sphingomyelin. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9411-5	16.4	57
163	The complex nature of calcium cation interactions with phospholipid bilayers. <i>Scientific Reports</i> , 2016 , 6, 38035	4.9	141
162	Determination of Dynamics of Plant Plasma Membrane Proteins with Fluorescence Recovery and Raster Image Correlation Spectroscopy. <i>Microscopy and Microanalysis</i> , 2016 , 22, 290-9	0.5	8
161	A Rotational BODIPY Nucleotide: An Environment-Sensitive Fluorescence-Lifetime Probe for DNA Interactions and Applications in Live-Cell Microscopy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 174-8	16.4	85
160	A Rotational BODIPY Nucleotide: An Environment-Sensitive Fluorescence-Lifetime Probe for DNA Interactions and Applications in Live-Cell Microscopy. <i>Angewandte Chemie</i> , 2016 , 128, 182-186	3.6	24
159	On multivalent receptor activity of GM1 in cholesterol containing membranes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 850-7	4.9	35
158	Site-specific analysis of protein hydration based on unnatural amino acid fluorescence. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4988-92	16.4	21
157	Biophysical properties of cationic lipophosphoramidates: Vesicle morphology, bilayer hydration and dynamics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 192-200	6	1
156	TRH-receptor mobility and function in intact and cholesterol-depleted plasma membrane of HEK293 cells stably expressing TRH-R-eGFP. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 781-96	3.8	13
155	Membrane activity of the pentaene macrolide didehydroroflamycoïn in model lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 444-52	3.8	9
154	Experimental determination and computational interpretation of biophysical properties of lipid bilayers enriched by cholesteryl hemisuccinate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 422-32	3.8	38
153	Phospholipid lateral diffusion in phosphatidylcholine-sphingomyelin-cholesterol monolayers; effects of oxidatively truncated phosphatidylcholines. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 167-73	3.8	6
152	Cholesterol under oxidative stress-How lipid membranes sense oxidation as cholesterol is being replaced by oxysterols. <i>Free Radical Biology and Medicine</i> , 2015 , 84, 30-41	7.8	45
151	Cytotoxic Lipopeptide Muscotoxin A, Isolated from Soil Cyanobacterium <i>Desmonostoc muscorum</i> , Permeabilizes Phospholipid Membranes by Reducing Their Fluidity. <i>Chemical Research in Toxicology</i> , 2015 , 28, 216-24	4	13
150	Fluorescence quenching in oligonucleotides containing 7-substituted 7-deazaguanine bases prepared by the nicking enzyme amplification reaction. <i>Bioconjugate Chemistry</i> , 2015 , 26, 361-6	6.3	8
149	Accurate determination of the orientational distribution of a fluorescent molecule in a phospholipid membrane. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 855-63	3.4	22

148	Comprehensive portrait of cholesterol containing oxidized membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014 , 1838, 1769-76	3.8	16
147	High- and low-affinity sites for sodium in EOR-Gi1H(Cys (351)-Ile (351)) fusion protein stably expressed in HEK293 cells; functional significance and correlation with biophysical state of plasma membrane. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 487-502	3.4	11
146	Dynamics and hydration explain failed functional transformation in dehalogenase design. <i>Nature Chemical Biology</i> , 2014 , 10, 428-30	11.7	43
145	Pairing of cholesterol with oxidized phospholipid species in lipid bilayers. <i>Soft Matter</i> , 2014 , 10, 639-47	3.6	29
144	Di- and tri-oxalkyl derivatives of a boron dipyrromethene (BODIPY) rotor dye in lipid bilayers. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 10688-97	3.6	16
143	Peripheral and integral membrane binding of peptides characterized by time-dependent fluorescence shifts: focus on antimicrobial peptide LAH. <i>Langmuir</i> , 2014 , 30, 6171-9	4	20
142	Fluorescence quenching of (dimethylamino)naphthalene dyes Badan and Prodan by tryptophan in cytochromes P450 and micelles. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 10085-91	3.4	17
141	Statistical filtering in fluorescence microscopy and fluorescence correlation spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4797-813	4.4	13
140	Interaction of new butyltin citrate complex with lipid model membrane and DNA. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 118, 967-975	4.1	5
139	Interactions of beta-blockers with model lipid membranes: molecular view of the interaction of acebutolol, oxprenolol, and propranolol with phosphatidylcholine vesicles by time-dependent fluorescence shift and molecular dynamics simulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 559-69	5.7	21
138	The fast polarization modulation based dual-focus fluorescence correlation spectroscopy. <i>Optics Express</i> , 2014 , 22, 885-99	3.3	7
137	Fluorescence spectral correlation spectroscopy (FSCS) for probes with highly overlapping emission spectra. <i>Optics Express</i> , 2014 , 22, 2973-88	3.3	18
136	Time-resolved fluorescence in lipid bilayers: selected applications and advantages over steady state. <i>Biophysical Journal</i> , 2014 , 107, 2751-2760	2.9	51
135	Does fluoride disrupt hydrogen bond network in cationic lipid bilayer? Time-dependent fluorescence shift of Laurdan and molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 2014 , 141, 22D516	3.9	3
134	The alteration of lipid bilayer dynamics by phloretin and 6-ketocholestanol. <i>Chemistry and Physics of Lipids</i> , 2014 , 178, 38-44	3.7	7
133	Z-scan fluorescence correlation spectroscopy as a tool for diffusion measurements in planar lipid membranes. <i>Methods in Molecular Biology</i> , 2014 , 1076, 617-34	1.4	8
132	Molecular rheometry: direct determination of viscosity in Lo and Ld lipid phases via fluorescence lifetime imaging. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14986-93	3.6	117
131	Interactions of monovalent salts with cationic lipid bilayers. <i>Faraday Discussions</i> , 2013 , 160, 341-58; discussion 389-403	3.6	14

130	Aggregation of oligoarginines at phospholipid membranes: molecular dynamics simulations, time-dependent fluorescence shift, and biomimetic colorimetric assays. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 11530-40	3.4	27
129	Impact of oxidized phospholipids on the structural and dynamic organization of phospholipid membranes: a combined DSC and solid state NMR study. <i>Faraday Discussions</i> , 2013 , 161, 499-513; discussion 563-89	3.6	24
128	New gluconamide-type cationic surfactants: Interactions with DNA and lipid membranes. <i>Biophysical Chemistry</i> , 2013 , 180-181, 44-54	3.5	18
127	FLIM studies of 22- and 25-NBD-cholesterol in living HEK293 cells: plasma membrane change induced by cholesterol depletion. <i>Chemistry and Physics of Lipids</i> , 2013 , 167-168, 62-9	3.7	22
126	Expansion of access tunnels and active-site cavities influence activity of haloalkane dehalogenases in organic cosolvents. <i>ChemBioChem</i> , 2013 , 14, 890-7	3.8	26
125	Are time-dependent fluorescence shifts at the tunnel mouth of haloalkane dehalogenase enzymes dependent on the choice of the chromophore?. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 7898-906	3.4	12
124	Atrazine-based self-assembled monolayers and their interaction with anti-atrazine antibody: building of an immunosensor. <i>Langmuir</i> , 2013 , 29, 16084-92	4	10
123	The C-terminal domain of Brd2 is important for chromatin interaction and regulation of transcription and alternative splicing. <i>Molecular Biology of the Cell</i> , 2013 , 24, 3557-68	3.5	32
122	Dynamics and size of cross-linking-induced lipid nanodomains in model membranes. <i>Biophysical Journal</i> , 2012 , 102, 2104-13	2.9	43
121	Behavior of 4-hydroxynonenal in phospholipid membranes. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 6411-5	3.4	27
120	Structure, dynamics, and hydration of POPC/POPS bilayers suspended in NaCl, KCl, and CsCl solutions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 609-16	3.8	86
119	Biophysics of lipid bilayers containing oxidatively modified phospholipids: insights from fluorescence and EPR experiments and from MD simulations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 2388-402	3.8	92
118	Lipid hydration and mobility: an interplay between fluorescence solvent relaxation experiments and molecular dynamics simulations. <i>Biochimie</i> , 2012 , 94, 26-32	4.6	60
117	Effect of heavy water on phospholipid membranes: experimental confirmation of molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 14516-22	3.6	34
116	Hydration and Mobility in Lipid Bilayers Probed by Time-Dependent Fluorescence Shift. <i>Springer Series on Fluorescence</i> , 2012 , 141-159	0.5	1
115	A Multi Time-Scale Approach of the Lipid Bilayer Dynamics. <i>Behavior Research Methods</i> , 2012 , 105-137	6.1	1
114	Microscopic origin of the fast blue-green luminescence of chemically synthesized non-oxidized silicon quantum dots. <i>Small</i> , 2012 , 8, 3185-91	11	43
113	Förster resonance energy transfer (FRET) between heterogeneously distributed probes: application to lipid nanodomains and pores. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 16141-56	6.3	12

112	Fluorescence Lifetime Correlation Spectroscopy (FLCS): concepts, applications and outlook. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 12890-910	6.3	49
111	Oxidized phosphatidylcholines facilitate phospholipid flip-flop in liposomes. <i>Biophysical Journal</i> , 2011 , 101, 1376-84	2.9	80
110	Limitations of electronic energy transfer in the determination of lipid nanodomain sizes. <i>Biophysical Journal</i> , 2011 , 101, L60-2	2.9	27
109	Protonation of lipids impacts the supramolecular and biological properties of their self-assembly. <i>Langmuir</i> , 2011 , 27, 12336-45	4	8
108	Distribution of BODIPY-labelled phosphatidylethanolamines in lipid bilayers exhibiting different curvatures. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 11694-701	3.6	10
107	Fluorescence spectroscopy studies of HEK293 cells expressing DOR-Gi1Fusion protein; the effect of cholesterol depletion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2819-29	3.8	20
106	Absorption and fluorescence of PRODAN in phospholipid bilayers: a combined quantum mechanics and classical molecular dynamics study. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 11428-37	2.8	41
105	A comprehensive study in triblock copolymer membrane interaction. <i>Journal of Controlled Release</i> , 2011 , 151, 57-64	11.7	27
104	Raster image correlation spectroscopy as a novel tool to study interactions of macromolecules with nanofiber scaffolds. <i>Acta Biomaterialia</i> , 2011 , 7, 4195-203	10.8	16
103	Formation of arenicin-1 microdomains in bilayers and their specific lipid interaction revealed by Z-scan FCS. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 3547-54	4.4	6
102	Mass spectrometric characterization of oligomers in Pseudomonas aeruginosa azurin solutions. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4790-800	3.4	6
101	Monte Carlo simulation of fluorescence correlation spectroscopy data. <i>Collection of Czechoslovak Chemical Communications</i> , 2011 , 76, 207-222		3
100	Z-Scan Fluorescence Correlation Spectroscopy: A Powerful Tool for Determination of Lateral Diffusion in Biological Systems. <i>Reviews in Fluorescence</i> , 2011 , 321-344	0	3
99	The differential interaction of snRNPs with pre-mRNA reveals splicing kinetics in living cells. <i>Journal of Cell Biology</i> , 2010 , 191, 75-86	7.3	79
98	Recent developments in fluorescence correlation spectroscopy for diffusion measurements in planar lipid membranes. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 427-57	6.3	41
97	Interaction of fluorescently substituted metallacarboranes with cyclodextrins and phospholipid bilayers: fluorescence and light scattering study. <i>Langmuir</i> , 2010 , 26, 6268-75	4	40
96	Mechanism of interaction of monovalent ions with phosphatidylcholine lipid membranes. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 9504-9	3.4	81
95	Spectral analysis of doxorubicin accumulation and the indirect quantification of its DNA intercalation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 76, 514-24	5.7	39

94	Lipid diffusion in planar membranes investigated by fluorescence correlation spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010 , 1798, 1377-91	3.8	176
93	Numerical studies of the membrane fluorescent dyes dynamics in ground and excited states. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010 , 1798, 1724-34	3.8	38
92	Dynamic saturation optical microscopy: employing dark-state formation kinetics for resolution enhancement. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 12457-65	3.6	12
91	Oxidation changes physical properties of phospholipid bilayers: fluorescence spectroscopy and molecular simulations. <i>Langmuir</i> , 2010 , 26, 6140-4	4	95
90	Singlet oxygen imaging in polymeric nanofibers by delayed fluorescence. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 15773-9	3.4	30
89	Fluorescence Spectroscopy as a Tool for Investigating the Self-Organized Polyelectrolyte Systems. <i>Advances in Polymer Science</i> , 2010 , 187-249	1.3	8
88	Lipopolythiourea/DNA interaction: a biophysical study. <i>Biophysical Chemistry</i> , 2010 , 148, 68-73	3.5	15
87	Fluorescence lifetime tuning--a novel approach to study flip-flop kinetics in supported phospholipid bilayers. <i>Journal of Fluorescence</i> , 2010 , 20, 563-9	2.4	12
86	Real-time monitoring of melittin-induced pore and tubule formation from supported lipid bilayers and its physiological relevance. <i>Chemistry and Physics of Lipids</i> , 2010 , 163, 200-6	3.7	17
85	In vivo detection of RNA-binding protein interactions with cognate RNA sequences by fluorescence resonance energy transfer. <i>Rna</i> , 2009 , 15, 2063-71	5.8	19
84	Photofunctional polyurethane nanofabrics doped by zinc tetraphenylporphyrin and zinc phthalocyanine photosensitizers. <i>Journal of Fluorescence</i> , 2009 , 19, 705-13	2.4	61
83	Effects of alkali cations and halide anions on the DOPC lipid membrane. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 7235-43	2.8	133
82	Relaxation dynamics of Pseudomonas aeruginosa Re(I)(CO) ₃ (alpha-diimine)(HisX) ⁺ (X = 83, 107, 109, 124, 126)Cu(II) azurins. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11788-800	16.4	51
81	Nanosecond time-dependent Stokes shift at the tunnel mouth of haloalkane dehalogenases. <i>Journal of the American Chemical Society</i> , 2009 , 131, 494-501	16.4	36
80	The effect of detergents on trimeric G-protein activity in isolated plasma membranes from rat brain cortex: correlation with studies of DPH and Laurdan fluorescence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009 , 1788, 324-32	3.8	16
79	Simultaneous characterization of lateral lipid and prothrombin diffusion coefficients by z-scan fluorescence correlation spectroscopy. <i>Biophysical Journal</i> , 2009 , 97, L01-3	2.9	20
78	A comparative study on ganglioside micelles using electronic energy transfer, fluorescence correlation spectroscopy and light scattering techniques. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 4335-43	3.6	10
77	Self-assemblies of cationic porphyrins with functionalized water-soluble single-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 5795-802	1.3	8

76	Fluorescence Solvent Relaxation in Cationic Membranes. <i>Reviews in Fluorescence</i> , 2009 , 119-137	0	1
75	Equilibrium dynamics of spermine-induced plasmid DNA condensation revealed by fluorescence lifetime correlation spectroscopy. <i>Biophysical Journal</i> , 2008 , 94, L17-9	2.9	26
74	Photoactive oriented films of layered double hydroxides. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 4429-34	3.6	22
73	Solvation-driven excited-state dynamics of [Re(4-Et-Pyridine)(CO) ₃ (2,2'-bipyridine)] ⁺ in imidazolium ionic liquids. A time-resolved infrared and phosphorescence study. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 3506-14	2.8	26
72	Absence of ethanol-induced interdigitation in supported phospholipid bilayers on silica surfaces. <i>Langmuir</i> , 2008 , 24, 19-21	4	3
71	Fluorescence lifetime correlation spectroscopy reveals compaction mechanism of 10 and 49 kbp DNA and differences between polycation and cationic surfactant. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 16823-9	3.4	22
70	Fluorescence study of the solvation of fluorescent probes prodan and laurdan in poly(epsilon-caprolactone)-block-poly(ethylene oxide) vesicles in aqueous solutions with tetrahydrofurane. <i>Langmuir</i> , 2008 , 24, 288-95	4	32
69	pH-Dependent Behavior of Hydrophobically Modified Polyelectrolyte Shells of Polymeric Nanoparticles. <i>Macromolecular Symposia</i> , 2008 , 273, 95-102	0.8	5
68	Properties of mixed cationic membranes studied by fluorescence solvent relaxation. <i>Journal of Fluorescence</i> , 2008 , 18, 925-8	2.4	8
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