

Stephanie Bonneau

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,191
citations

361296

20
h-index

526166

27
g-index

27
all docs

27
docs citations

27
times ranked

2069
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Deformation under Local pH Gradient: Mimicking Mitochondrial Cristae Dynamics. <i>Biophysical Journal</i> , 2008, 95, 4924-4933.	0.2	159
2	Combining magnetic nanoparticles with cell derived microvesicles for drug loading and targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 645-655.	1.7	118
3	Magnetic and Photoresponsive Theranosomes: Translating Cell-Released Vesicles into Smart Nanovectors for Cancer Therapy. <i>ACS Nano</i> , 2013, 7, 4954-4966.	7.3	105
4	Cellular uptake and subcellular distribution of chlorin e6 as functions of pH and interactions with membranes and lipoproteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2748-2756.	1.4	81
5	Asymmetric Oxidation of Giant Vesicles Triggers Curvature-Associated Shape Transition and Permeabilization. <i>Biophysical Journal</i> , 2009, 97, 2904-2912.	0.2	75
6	The pH-dependent distribution of the photosensitizer chlorin e6 among plasma proteins and membranes: A physico-chemical approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 366-374.	1.4	67
7	Photosensitizing properties of chlorins in solution and in membrane-mimicking systems. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 778-787.	1.6	67
8	Structural and physico-chemical determinants of the interactions of macrocyclic photosensitizers with cells. <i>European Biophysics Journal</i> , 2007, 36, 943-953.	1.2	52
9	Berberine as a photosensitizing agent for antitumoral photodynamic therapy: Insights into its association to low density lipoproteins. <i>International Journal of Pharmaceutics</i> , 2016, 510, 240-249.	2.6	50
10	Dynamics of interactions of photosensitizers with lipoproteins and membrane-models: correlation with cellular incorporation and subcellular distribution. <i>Biochemical Pharmacology</i> , 2004, 68, 1443-1452.	2.0	43
11	Interaction dynamics of hypericin with low-density lipoproteins and U87-MG cells. <i>International Journal of Pharmaceutics</i> , 2010, 389, 32-40.	2.6	41
12	Nonequilibrium fluctuations of lipid membranes by the rotating motor protein F ₁ F ₀ -ATP synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11291-11296.	3.3	38
13	Equilibrium and Kinetic Studies of the Interactions of a Porphyrin with Low-Density Lipoproteins. <i>Biophysical Journal</i> , 2002, 83, 3470-3481.	0.2	35
14	Photo-dynamic induction of oxidative stress within cholesterol-containing membranes: Shape transitions and permeabilization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2965-2972.	1.4	35
15	Lipid Unsaturation Properties Govern the Sensitivity of Membranes to Photoinduced Oxidative Stress. <i>Biophysical Journal</i> , 2019, 116, 910-920.	0.2	32
16	Dynamics of pH-dependent self-association and membrane binding of a dicarboxylic porphyrin: a study with small unilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1661, 87-96.	1.4	31
17	Influence of surface energy distribution on neuritogenesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 208-218.	2.5	27
18	Tetrapyrrole photosensitisers, determinants of subcellular localisation and mechanisms of photodynamic processes in therapeutic approaches. <i>Expert Opinion on Therapeutic Patents</i> , 2008, 18, 1011-1025.	2.4	25

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19	Tetrapyrrole-photosensitizers vectorization and plasma LDL: A physico-chemical approach. <i>International Journal of Pharmaceutics</i> , 2007, 344, 78-87.	2.6	24
20	Photosensitization of polymer vesicles: a multistep chemical process deciphered by micropipette manipulation. <i>Soft Matter</i> , 2010, 6, 4863.	1.2	23
21	Release kinetics of an amphiphilic photosensitizer by block-polymer nanoparticles. <i>International Journal of Pharmaceutics</i> , 2015, 495, 750-760.	2.6	20
22	Flavin Conjugates for Delivery of Peptide Nucleic Acids. <i>ChemBioChem</i> , 2012, 13, 2593-2598.	1.3	11
23	Hypericin incorporation and localization in fixed HeLa cells for various conditions of fixation and incubation. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 561-568.	1.6	10
24	Impact of Photosensitizers Activation on Intracellular Trafficking and Viscosity. <i>PLoS ONE</i> , 2013, 8, e84850.	1.1	7
25	Mitochondrial cristae modeled as an out-of-equilibrium membrane driven by a proton field. <i>Physical Review E</i> , 2020, 102, 022401.	0.8	6
26	Intracellular Monitoring of AS1411 Aptamer by Time-Resolved Microspectrofluorimetry and Fluorescence Imaging. <i>Journal of Fluorescence</i> , 2015, 25, 1245-1250.	1.3	5
27	Correlation between Mitochondrial Morphology and Functionality after Oxidative Stress. <i>Biophysical Journal</i> , 2016, 110, 470a.	0.2	4