Daniel Jancura

List of Publications by Year
in descending order

23 papers	504 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	565 citing authors

#	Article	IF	Citations
1	Alkyl Chain Length in Poly(2-oxazoline)-Based Amphiphilic Gradient Copolymers Regulates the Delivery of Hydrophobic Molecules: A Case of the Biodistribution and the Photodynamic Activity of the Photosensitizer Hypericin. Biomacromolecules, 2021, 22, 4199-4216.	5.4	14
2	Thermodynamics of the P-type Ferryl Form of Bovine Cytochrome c Oxidase. Biochemistry (Moscow), 2021, 86, 74-83.	1.5	2
3	Modulation of the electron-proton coupling at cytochrome a by the ligation of the oxidized catalytic center in bovine cytochrome c oxidase. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148237.	1.0	6
4	Encapsulation of anticancer drug curcumin and co-loading with photosensitizer hypericin into lipoproteins investigated by fluorescence resonance energy transfer. International Journal of Pharmaceutics, 2019, 564, 369-378.	5.2	20
5	Unravelling the Excellent Chemical Stability and Bioavailability of Solvent Responsive Curcumin-Loaded 2-Ethyl-2-oxazoline-grad-2-(4-dodecyloxyphenyl)-2-oxazoline Copolymer Nanoparticles for Drug Delivery. Biomacromolecules, 2018, 19, 2459-2471.	5.4	34
6	Phosphorescence Kinetics of Singlet Oxygen Produced by Photosensitization in Spherical Nanoparticles. Part I. Theory. Journal of Physical Chemistry B, 2018, 122, 5147-5153.	2.6	3
7	Phosphorescence Kinetics of Singlet Oxygen Produced by Photosensitization in Spherical Nanoparticles. Part II. The Case of Hypericin-Loaded Low-Density Lipoprotein Particles. Journal of Physical Chemistry B, 2018, 122, 5154-5160.	2.6	6
8	Excitation of triplet states of hypericin in water mediated by hydrotropic cromolyn sodium salt. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 185-191.	3.9	7
9	Hypericin can cross barriers in the chickenâ€™s chorioallantoic membrane model when delivered in low-density lipoproteins. Photodiagnosis and Photodynamic Therapy, 2018, 23, 306-313.	2.6	13
10	Response of Heme Symmetry to the Redox State of Bovine Cytochrome c Oxidase. Biochemistry, 2018, 57, 4105-4113.	2.5	1
11	Formation of Large Hypericin Aggregates in Giant Unilamellar Vesiclesâ€”Experiments and Modeling. Biophysical Journal, 2017, 112, 966-975.	0.5	14
12	Kinetics of incorporation/redistribution of photosensitizer hypericin to/from high-density lipoproteins. International Journal of Pharmaceutics, 2014, 475, 578-584.	5.2	7
13	How Hydrogen Peroxide Is Metabolized by Oxidized Cytochrome c Oxidase. Biochemistry, 2014, 53, 3564-3575.	2.5	24
14	Spatial Orientation and Electric-Field-Driven Transport of Hypericin Inside of Bilayer Lipid Membranes. Journal of Physical Chemistry B, 2013, 117, 1280-1286.	2.6	19
15	Development of a new LDL-based transport system for hydrophobic/amphiphilic drug delivery to cancer cells. International Journal of Pharmaceutics, 2012, 436, 463-471.	5.2	51
16	On the Diffusion of Hypericin in Dimethylsulfoxide/Water Mixturesâ€”The Effect of Aggregation. Journal of Physical Chemistry B, 2011, 115, 2417-2423.	2.6	74
17	Kinetics of Hypericin Association With Lowâ€Density Lipoproteins. Photochemistry and Photobiology, 2011, 87, 56-63.	2.5	16
18	Interaction dynamics of hypericin with low-density lipoproteins and U87-MG cells. International Journal of Pharmaceutics, 2010, 389, 32-40.	5.2	41

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19	Timeâ€resolved Luminescence and Singlet Oxygen Formation After Illumination of the Hypericinâ€“Lowâ€density Lipoprotein Complex. Photochemistry and Photobiology, 2009, 85, 816-823.	2.5	35
20	High Level of Low-density Lipoprotein Receptors Enhance Hypericin Uptake by U-87 MG Cells in the Presence of LDL. Photochemistry and Photobiology, 2007, 84, 071018085748002-???.	2.5	42
21	Fluorescence Spectroscopic Study of Hypericin-photosensitized Oxidation of Low-density Lipoproteins. Photochemistry and Photobiology, 2005, 81, 1395.	2.5	46
22	A Role for the Protein in Internal Electron Transfer to the Catalytic Center of Cytochrome c Oxidase. Biochemistry, 2005, 44, 14881-14889.	2.5	23
23	Two Sites of Interaction of Anions with Cytochrome a in Oxidized Bovine Cytochrome c Oxidase. Journal of Biological Chemistry, 2004, 279, 16170-16177.	3.4	6