

# Daniel Jancura

## List of Publications by Year in descending order

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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	On the Diffusion of Hypericin in Dimethylsulfoxide/Water Mixturesâ€”The Effect of Aggregation. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2417-2423.	2.6	74
2	Development of a new LDL-based transport system for hydrophobic/amphiphilic drug delivery to cancer cells. <i>International Journal of Pharmaceutics</i> , 2012, 436, 463-471.	5.2	51
3	Fluorescence Spectroscopic Study of Hypericin-photosensitized Oxidation of Low-density Lipoproteins. <i>Photochemistry and Photobiology</i> , 2005, 81, 1395.	2.5	46
4	High Level of Low-density Lipoprotein Receptors Enhance Hypericin Uptake by U-87 MG Cells in the Presence of LDL. <i>Photochemistry and Photobiology</i> , 2007, 84, 071018085748002-???	2.5	42
5	Interaction dynamics of hypericin with low-density lipoproteins and U87-MG cells. <i>International Journal of Pharmaceutics</i> , 2010, 389, 32-40.	5.2	41
6	Timeâ€”resolved Luminescence and Singlet Oxygen Formation After Illumination of the Hypericinâ€”Lowâ€”density Lipoprotein Complex. <i>Photochemistry and Photobiology</i> , 2009, 85, 816-823.	2.5	35
7	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. <i>Biomacromolecules</i> , 2018, 19, 2459-2471.	5.4	34
8	How Hydrogen Peroxide Is Metabolized by Oxidized Cytochrome <i>c</i> Oxidase. <i>Biochemistry</i> , 2014, 53, 3564-3575.	2.5	24
9	A Role for the Protein in Internal Electron Transfer to the Catalytic Center of Cytochrome <i>c</i> Oxidase. <i>Biochemistry</i> , 2005, 44, 14881-14889.	2.5	23
10	Encapsulation of anticancer drug curcumin and co-loading with photosensitizer hypericin into lipoproteins investigated by fluorescence resonance energy transfer. <i>International Journal of Pharmaceutics</i> , 2019, 564, 369-378.	5.2	20
11	Spatial Orientation and Electric-Field-Driven Transport of Hypericin Inside of Bilayer Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1280-1286.	2.6	19
12	Kinetics of Hypericin Association With Lowâ€”Density Lipoproteins. <i>Photochemistry and Photobiology</i> , 2011, 87, 56-63.	2.5	16
13	Formation of Large Hypericin Aggregates in Giant Unilamellar Vesiclesâ€”Experiments and Modeling. <i>Biophysical Journal</i> , 2017, 112, 966-975.	0.5	14
14	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. <i>Biomacromolecules</i> , 2021, 22, 4199-4216.	5.4	14
15	Hypericin can cross barriers in the chickenâ€™s chorioallantoic membrane model when delivered in low-density lipoproteins. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 306-313.	2.6	13
16	Kinetics of incorporation/redistribution of photosensitizer hypericin to/from high-density lipoproteins. <i>International Journal of Pharmaceutics</i> , 2014, 475, 578-584.	5.2	7
17	Excitation of triplet states of hypericin in water mediated by hydrotropic cromolyn sodium salt. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 185-191.	3.9	7
18	Two Sites of Interaction of Anions with Cytochrome <i>a</i> in Oxidized Bovine Cytochrome <i>c</i> Oxidase. <i>Journal of Biological Chemistry</i> , 2004, 279, 16170-16177.	3.4	6

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19	Phosphorescence Kinetics of Singlet Oxygen Produced by Photosensitization in Spherical Nanoparticles. Part II. The Case of Hypericin-Loaded Low-Density Lipoprotein Particles. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5154-5160.	2.6	6
20	Modulation of the electron-proton coupling at cytochrome a by the ligation of the oxidized catalytic center in bovine cytochrome c oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148237.	1.0	6
21	Phosphorescence Kinetics of Singlet Oxygen Produced by Photosensitization in Spherical Nanoparticles. Part I. Theory. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5147-5153.	2.6	3
22	Thermodynamics of the P-type Ferryl Form of Bovine Cytochrome c Oxidase. <i>Biochemistry (Moscow)</i> , 2021, 86, 74-83.	1.5	2
23	Response of Heme Symmetry to the Redox State of Bovine Cytochrome c Oxidase. <i>Biochemistry</i> , 2018, 57, 4105-4113.	2.5	1