

Sandrine Morandat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2238004/publications.pdf>

Version: 2024-02-01

39
papers

985
citations

516710

16
h-index

434195

31
g-index

39
all docs

39
docs citations

39
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale analysis of supported lipid bilayers using atomic force microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 750-765.	2.6	131
2	The natural antioxidant rosmarinic acid spontaneously penetrates membranes to inhibit lipid peroxidation in situ. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2973-2980.	2.6	128
3	Topological Effects and Binding Modes Operating with Multivalent Iminosugar-Based Glycoclusters and Mannosidases. <i>Journal of the American Chemical Society</i> , 2013, 135, 18427-18435.	13.7	80
4	Antioxidant and Membrane Binding Properties of Serotonin Protect Lipids from Oxidation. <i>Biophysical Journal</i> , 2017, 112, 1863-1873.	0.5	66
5	Atomic force microscopy of model lipid membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1445-1461.	3.7	55
6	Membrane Resistance to Triton X-100 Explored by Real-Time Atomic Force Microscopy. <i>Langmuir</i> , 2006, 22, 5786-5791.	3.5	52
7	Cholesterol modulation of membrane resistance to Triton X-100 explored by atomic force microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2300-2309.	2.6	42
8	Comparative study of plant protein extracts as wall materials for the improvement of the oxidative stability of sunflower oil by microencapsulation. <i>Food Hydrocolloids</i> , 2019, 95, 105-115.	10.7	41
9	Cholesterol-dependent insertion of glycosylphosphatidylinositol-anchored enzyme. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 473-478.	2.6	38
10	Solubilization of supported lipid membranes by octyl glucoside observed by time-lapse atomic force microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 55, 179-184.	5.0	38
11	Preparation of an electrochemical biosensor based on lipid membranes in nanoporous alumina. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 33-40.	5.0	33
12	Plasmalogens protect unsaturated lipids against UV-induced oxidation in monolayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1616, 137-146.	2.6	32
13	Flax phenolic compounds as inhibitors of lipid oxidation: Elucidation of their mechanisms of action. <i>Food Chemistry</i> , 2019, 274, 651-658.	8.2	30
14	Preosteoblasts and fibroblasts respond differently to anatase titanium dioxide nanoparticles: A cytotoxicity and inflammation study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 68-74.	5.0	24
15	Probing the Nature of the Cluster Effect Observed with Synthetic Multivalent Galactosides and Peanut Agglutinin Lectin. <i>Chemistry - A European Journal</i> , 2013, 19, 729-738.	3.3	22
16	The Potent Antimalarial Drug Cyclosporin A Preferentially Destabilizes Sphingomyelin-Rich Membranes. <i>Langmuir</i> , 2010, 26, 1960-1965.	3.5	19
17	Real-Time Atomic Force Microscopy Reveals Cytochrome c-Induced Alterations in Neutral Lipid Bilayers. <i>Langmuir</i> , 2007, 23, 10929-10932.	3.5	12
18	Co-encapsulation of vegetable oils with phenolic antioxidants and evaluation of their oxidative stability under long-term storage conditions. <i>LWT - Food Science and Technology</i> , 2021, 142, 111033.	5.2	12

#	ARTICLE	IF	CITATIONS
19	Nitrone-Trolox conjugate as an inhibitor of lipid oxidation: Towards synergistic antioxidant effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1489-1501.	2.6	11
20	Titanium Dioxide Nanoparticles Disturb the Fibronectin-Mediated Adhesion and Spreading of Pre-osteoblastic Cells. <i>Langmuir</i> , 2012, 28, 13660-13667.	3.5	10
21	PBN Derived Amphiphilic Spin-Traps. I/Synthesis and Study of Their Miscibility with Polyunsaturated Phospholipids. <i>Langmuir</i> , 2003, 19, 9699-9705.	3.5	9
22	Cytochrome c interaction with neutral lipid membranes: influence of lipid packing and protein charges. <i>Chemistry and Physics of Lipids</i> , 2009, 162, 17-24.	3.2	9
23	Development of immobilization technique for liver microsomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 68, 178-183.	5.0	9
24	The Potent Antimalarial Peptide Cyclosporin A Induces the Aggregation and Permeabilization of Sphingomyelin-Rich Membranes. <i>Langmuir</i> , 2011, 27, 9465-9472.	3.5	9
25	Cytochrome c provokes the weakening of zwitterionic membranes as measured by force spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 111-117.	5.0	9
26	Synthesis, iron(III) complexation properties, molecular dynamics simulations and P.Âaeruginosa siderophore-like activity of two pyoverdine analogs. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 338-350.	5.5	8
27	Cholesterol-nitrone conjugates as protective agents against lipid oxidation: A model membrane study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2495-2504.	2.6	8
28	KrÃ¼ppel-like factor 10 regulates the contractile properties of skeletal muscle fibers in mice. <i>Muscle and Nerve</i> , 2021, 64, 765-769.	2.2	8
29	Serum and Soleus Metabolomics Signature of Klf10 Knockout Mice to Identify Potential Biomarkers. <i>Metabolites</i> , 2022, 12, 556.	2.9	7
30	PBN derived amphiphilic spin-traps. II/Study of their antioxidant properties in biomimetic membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 384-393.	5.0	6
31	Adsorption of a phospholipid-hydroperoxide glutathione peroxidase into phospholipid monolayers at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 35, 99-105.	5.0	5
32	Interaction of non-ionic detergents with biomembranes at the nanoscale observed by atomic force microscopy. <i>International Journal of Nanotechnology</i> , 2008, 5, 769.	0.2	5
33	Activity of immobilised rat hepatic microsomal CYP2E1 using alumina membrane as a support. <i>New Biotechnology</i> , 2009, 26, 222-228.	4.4	5
34	First step to the improvement of the blood brain barrier passage of atazanavir encapsulated in sustainable bioorganic vesicles. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119604.	5.2	4
35	Oxidative stability of encapsulated sunflower oil: effect of protein-polysaccharide mixtures and long-term storage. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 1483-1493.	3.2	4
36	Correction to "Topological Effects and Binding Modes Operating with Multivalent Iminosugar-Based Glycoclusters and Mannosidases". <i>Journal of the American Chemical Society</i> , 2014, 136, 6773-6773.	13.7	2

#	ARTICLE	IF	CITATIONS
37	Hematin loses its membranotropic activity upon oligomerization into malaria pigment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2952-2959.	2.6	1
38	A Novel Nitron-Trolox Conjugate Inhibits Membrane Lipid Oxidation Through Synergistic Antioxidant Effects. <i>Biophysical Journal</i> , 2019, 116, 227a.	0.5	1
39	DOPC/DPPC Fluid-Gel Phase Segregation in Supported Lipid Membranes Prepared by Fusion on Thiol-Modified Gold Substrates. <i>Journal of Bionanoscience</i> , 2014, 8, 462-472.	0.4	0