

Tiziana Parasassi

List of Publications by Year in descending order

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59
papers

3,111
citations

136885

32
h-index

155592

55
g-index

59
all docs

59
docs citations

59
times ranked

3185
citing authors

#	ARTICLE	IF	CITATIONS
1	Estradiol protective role in atherogenesis through LDL structure modification. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 285402.	1.3	2
2	ER stress induced by the OCH1 mutation triggers changes in lipid homeostasis in <i>Kluyveromyces lactis</i> . <i>Research in Microbiology</i> , 2015, 166, 84-92.	1.0	6
3	Into the redox control: N-acetyl-cysteine pleiotropic effects from the laboratory to clinical applications. <i>Acupuncture and Related Therapies</i> , 2014, 2, 2-13.	0.3	3
4	Misfolding of Apoprotein B-100, LDL Aggregation and 17- β -estradiol in Atherogenesis. <i>Current Medicinal Chemistry</i> , 2014, 21, 2276-2283.	1.2	10
5	A Promise in the Treatment of Endometriosis: An Observational Cohort Study on Ovarian Endometrioma Reduction by N-Acetylcysteine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-7.	0.5	40
6	Viscous forces are predominant in the zona pellucida mechanical resistance. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	22
7	Nanoscale characterization of the biomechanical hardening of bovine zona pellucida. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2871-2882.	1.5	55
8	Intraoperative aorta balloon occlusion: fertility preservation in patients with placenta previa accreta/increta. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2512-2516.	0.7	71
9	Impact of electronegative low-density lipoprotein on angiographic coronary atherosclerotic burden. <i>Atherosclerosis</i> , 2012, 223, 166-170.	0.4	13
10	Whole-Depth Change in Bovine Zona Pellucida Biomechanics after Fertilization: How Relevant in Hinderin Polyspermy?. <i>PLoS ONE</i> , 2012, 7, e45696.	1.1	34
11	Magnetic resonance imaging of clinically stable late pregnancy bleeding: beyond ultrasound. <i>European Radiology</i> , 2011, 21, 1841-1849.	2.3	25
12	Heat Stress Causes Spatially-Distinct Membrane Re-Modelling in K562 Leukemia Cells. <i>PLoS ONE</i> , 2011, 6, e21182.	1.1	59
13	Mechanical properties of zona pellucida hardening. <i>European Biophysics Journal</i> , 2010, 39, 987-992.	1.2	62
14	Intervillous circulation in intra-uterine growth restriction. Correlation to fetal well being. <i>Placenta</i> , 2010, 31, 1051-1056.	0.7	35
15	Thiol Redox Transitions in Cell Signaling: a Lesson from N-Acetylcysteine. <i>Scientific World Journal</i> , 2010, 10, 1192-1202.	0.8	77
16	More than antioxidant: N-acetyl-L-cysteine in a murine model of endometriosis. <i>Fertility and Sterility</i> , 2010, 94, 2905-2908.	0.5	33
17	Estradiol Binding Prevents ApoB-100 Misfolding in Electronegative LDL(β). <i>Biochemistry</i> , 2010, 49, 7297-7302.	1.2	18
18	Evidence of elastic to plastic transition in the zona pellucida of oocytes using atomic force spectroscopy. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	41

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19	Generation in Human Plasma of Misfolded, Aggregation-Prone Electronegative Low Density Lipoprotein. <i>Biophysical Journal</i> , 2009, 97, 628-635.	0.2	23
20	N-acetyl-L-cysteine fosters inactivation and transfer to endolysosomes of c-Src. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1566-1572.	1.3	33
21	Low density lipoprotein misfolding and amyloidogenesis. <i>FASEB Journal</i> , 2008, 22, 2350-2356.	0.2	48
22	Globular structure of human ovulatory cervical mucus. <i>FASEB Journal</i> , 2007, 21, 3872-3876.	0.2	74
23	Apoptotic Death Induces A β Production and Fibril Formation to a Much Larger Extent than Necrotic-Like Death in CGNs. <i>Journal of Alzheimer's Disease</i> , 2007, 12, 211-220.	1.2	7
24	Low Density Lipoprotein Aged in Plasma Forms Clusters Resembling Subendothelial Droplets: Aggregation via Surface Sites. <i>Biophysical Journal</i> , 2006, 90, 4239-4247.	0.2	34
25	Global gene expression analysis in time series following N-acetyl L-cysteine induced epithelial differentiation of human normal and cancer cells in vitro. <i>BMC Cancer</i> , 2005, 5, 75.	1.1	39
26	Differentiation of normal and cancer cells induced by sulfhydryl reduction: biochemical and molecular mechanisms. <i>Cell Death and Differentiation</i> , 2005, 12, 1285-1296.	5.0	51
27	Gene Expression Analysis of Human Epidermal Keratinocytes after N-Acetyl L-Cysteine Treatment Demonstrates Cell Cycle Arrest and Increased Differentiation. <i>Pathobiology</i> , 2005, 72, 203-212.	1.9	20
28	Imaging the cell surface: Argon sputtering to expose inner cell structures. <i>Microscopy Research and Technique</i> , 2004, 63, 115-121.	1.2	13
29	One site on the apoB-100 specifically binds 17 β -estradiol and regulates the overall structure of LDL. <i>FASEB Journal</i> , 2003, 17, 1-14.	0.2	12
30	[14] Spectroscopy and microscopy of cells and cell membrane systems. <i>Methods in Enzymology</i> , 2003, 360, 330-345.	0.4	0
31	Phototoxic effect of fluoroquinolones on two human cell lines. <i>Toxicology in Vitro</i> , 2002, 16, 449-456.	1.1	21
32	Atherosclerosis: another protein misfolding disease?. <i>Trends in Molecular Medicine</i> , 2002, 8, 370-374.	3.5	69
33	Surface properties of cholesterol-containing membranes detected by Prodan fluorescence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1511, 330-340.	1.4	52
34	Loss of apoB-100 secondary structure and conformation in hydroperoxide rich, electronegative LDL. <i>Free Radical Biology and Medicine</i> , 2001, 31, 82-89.	1.3	63
35	Giant phospholipid vesicles: comparison among the whole lipid sample characteristics using different preparation methods. <i>Chemistry and Physics of Lipids</i> , 2000, 105, 135-147.	1.5	135
36	Two-photon microscopy of aorta fibers shows proteolysis induced by LDL hydroperoxides. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1589-1597.	1.3	16

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37	Estradiol Enhances the Resistance of LDL to Oxidation by Stabilizing apoB-100 Conformation. <i>Biochemistry</i> , 2000, 39, 13897-13903.	1.2	32
38	A Model for the Interaction of 6-lauroyl-(N,N-dimethylamino)naphthalene with Lipid Environments: Implications for Spectral Properties. <i>Photochemistry and Photobiology</i> , 1999, 70, 557-564.	1.3	101
39	Laurdan and Prodan as Polarity-Sensitive Fluorescent Membrane Probes. <i>Journal of Fluorescence</i> , 1998, 8, 365-373.	1.3	551
40	Prodan as a Membrane Surface Fluorescence Probe: Partitioning between Water and Phospholipid Phases. <i>Biophysical Journal</i> , 1998, 74, 1984-1993.	0.2	153
41	In K562 and HL60 cells membrane ageing during cell growth is associated with changes in cholesterol concentration. <i>Mechanisms of Ageing and Development</i> , 1997, 97, 109-119.	2.2	28
42	Fluorescence lifetime distributions in membrane systems. <i>Journal of Fluorescence</i> , 1995, 5, 51-57.	1.3	24
43	Membrane lipid domains and dynamics as detected by Laurdan fluorescence. <i>Journal of Fluorescence</i> , 1995, 5, 59-69.	1.3	313
44	Cholesterol protects the phospholipid bilayer from oxidative damage. <i>Free Radical Biology and Medicine</i> , 1995, 19, 511-516.	1.3	50
45	Hoechst 33258 Staining for Detecting Mycoplasma Contamination in Cell Cultures: a Method for Reducing Fluorescence Photobleaching. <i>Biotechnic and Histochemistry</i> , 1994, 69, 152-156.	0.7	28
46	Evidence for an Increase in Water Concentration in Bilayers after Oxidative Damage of Phospholipids Induced by Ionizing Radiation. <i>International Journal of Radiation Biology</i> , 1994, 65, 329-334.	1.0	60
47	MODULATION AND DYNAMICS OF PHASE PROPERTIES IN PHOSPHOLIPID MIXTURES DETECTED BY LAURDAN FLUORESCENCE*. <i>Photochemistry and Photobiology</i> , 1993, 57, 403-410.	1.3	103
48	Absence of lipid gel-phase domains in seven mammalian cell lines and in four primary cell types. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1153, 143-154.	1.4	96
49	Time-resolved experiments in the frequency domain using synchrotron radiation (invited). <i>Review of Scientific Instruments</i> , 1992, 63, 1393-1398.	0.6	0
50	Membrane Oxidative Damage Induced by Ionizing Radiation Detected by Diphenylhexatriene Fluorescence Lifetime Distributions. <i>International Journal of Radiation Biology</i> , 1992, 61, 791-796.	1.0	25
51	Membrane aging during cell growth ascertained by laurdan generalized polarization. <i>Experimental Cell Research</i> , 1992, 202, 432-439.	1.2	66
52	Packing of phospholipid vesicles studied by oxygen quenching of Laurdan fluorescence. <i>Journal of Fluorescence</i> , 1992, 2, 167-174.	1.3	35
53	Plastique: A synchrotron radiation beamline for time resolved fluorescence in the frequency domain. <i>Review of Scientific Instruments</i> , 1991, 62, 1670-1671.	0.6	3
54	Alterations in Erythrocyte Membrane Lipids Induced by Low Doses of Ionizing Radiation as Revealed by 1,6-diphenyl-1,3,5-hexatriene Fluorescence Lifetime. <i>International Journal of Radiation Biology</i> , 1991, 59, 59-69.	1.0	46

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55	Abscisic acid-induced microheterogeneity in phospholipid vesicle. <i>Biophysical Chemistry</i> , 1990, 35, 65-73.	1.5	15
56	Membranes modification of differentiating proerythroblasts. Variation of 1,6-diphenyl-1,3,5-hexatriene lifetime distributions by multifrequency phase and modulation fluorimetry. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 898, 196-201.	1.4	25
57	Study of heterogeneous emission of parinaric acid isomers using multifrequency phase fluorometry. <i>Biochemistry</i> , 1984, 23, 5660-5664.	1.2	37
58	Photodynamic reactions in dimyristoyl-L- α -phosphatidylcholine (DMPC) liposomes. <i>Inorganica Chimica Acta</i> , 1982, 66, 137-139.	1.2	3
59	Interaction between 1,2-dipalmitoyl-L-phosphatidyl choline and cholesterol. DSC study. <i>Thermochimica Acta</i> , 1981, 49, 131-138.	1.2	1