## Tiziana Parasassi

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Estradiol protective role in atherogenesis through LDL structure modification. Journal Physics D:<br>Applied Physics, 2016, 49, 285402.   | 2.8 | 2         |
| 2  | ER stress induced by the OCH1 mutation triggers changes in lipid homeostasis in Kluyveromyces lactis.<br>Research in Microbiology, 2015, 166, 84-92.  | 2.1 | 6         |
| 3  | Into the redox control: N-acetyl-cysteine pleiotropic effects from the laboratory to clinical applications. Acupuncture and Related Therapies, 2014, 2, 2-13.   | 0.3 | 3         |
| 4  | Misfolding of Apoprotein B-100, LDL Aggregation and 17-β -estradiol in Atherogenesis.<br>Current Medicinal Chemistry, 2014, 21, 2276-2283.  | 2.4 | 10        |
| 5  | A Promise in the Treatment of Endometriosis: An Observational Cohort Study on Ovarian<br>Endometrioma Reduction by N-Acetylcysteine. Evidence-based Complementary and Alternative Medicine,<br>2013, 2013, 1-7. | 1.2 | 40        |
| 6  | Viscous forces are predominant in the zona pellucida mechanical resistance. Applied Physics Letters, 2013, 102, .   | 3.3 | 22        |
| 7  | Nanoscale characterization of the biomechanical hardening of bovine zona pellucida. Journal of the Royal Society Interface, 2012, 9, 2871-2882.   | 3.4 | 55        |
| 8  | Intraoperative aorta balloon occlusion: fertility preservation in patients with placenta previa accreta/increta. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2512-2516.                          | 1.5 | 71        |
| 9  | Impact of electronegative low-density lipoprotein on angiographic coronary atherosclerotic burden.<br>Atherosclerosis, 2012, 223, 166-170.  | 0.8 | 13        |
| 10 | Whole-Depth Change in Bovine Zona Pellucida Biomechanics after Fertilization: How Relevant in Hindering Polyspermy?. PLoS ONE, 2012, 7, e45696.   | 2.5 | 34        |
| 11 | Magnetic resonance imaging of clinically stable late pregnancy bleeding: beyond ultrasound.<br>European Radiology, 2011, 21, 1841-1849.   | 4.5 | 25        |
| 12 | Heat Stress Causes Spatially-Distinct Membrane Re-Modelling in K562 Leukemia Cells. PLoS ONE, 2011, 6,<br>e21182.   | 2.5 | 59        |
| 13 | Mechanical properties of zona pellucida hardening. European Biophysics Journal, 2010, 39, 987-992.  | 2.2 | 62        |
| 14 | Intervillous circulation in intra-uterine growth restriction. Correlation to fetal well being.<br>Placenta, 2010, 31, 1051-1056.  | 1.5 | 35        |
| 15 | Thiol Redox Transitions in Cell Signaling: a Lesson from N-Acetylcysteine. Scientific World Journal,<br>The, 2010, 10, 1192-1202.   | 2.1 | 77        |
| 16 | More than antioxidant: N-acetyl-L-cysteine in a murine model of endometriosis. Fertility and Sterility, 2010, 94, 2905-2908.  | 1.0 | 33        |
| 17 | Estradiol Binding Prevents ApoB-100 Misfolding in Electronegative LDL(â^). Biochemistry, 2010, 49, 7297-7302.   | 2.5 | 18        |
| 18 | Evidence of elastic to plastic transition in the zona pellucida of oocytes using atomic force spectroscopy. Applied Physics Letters, 2009, 94, .  | 3.3 | 41        |

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|----|---|------|-----------|
| 19 | Generation in Human Plasma of Misfolded, Aggregation-Prone Electronegative Low Density<br>Lipoprotein. Biophysical Journal, 2009, 97, 628-635.  | 0.5  | 23        |
| 20 | N-acetyl-l-cysteine fosters inactivation and transfer to endolysosomes of c-Src. Free Radical Biology and Medicine, 2008, 45, 1566-1572.  | 2.9  | 33        |
| 21 | Low density lipoprotein misfolding and amyloidogenesis. FASEB Journal, 2008, 22, 2350-2356.   | 0.5  | 48        |
| 22 | Globular structure of human ovulatory cervical mucus. FASEB Journal, 2007, 21, 3872-3876.   | 0.5  | 74        |
| 23 | Apoptotic Death Induces AÎ <sup>2</sup> Production and Fibril Formation to a Much Larger Extent than<br>Necrotic-Like Death in CGNs. Journal of Alzheimer's Disease, 2007, 12, 211-220.                 | 2.6  | 7         |
| 24 | Low Density Lipoprotein Aged in Plasma Forms Clusters Resembling Subendothelial Droplets:<br>Aggregation via Surface Sites. Biophysical Journal, 2006, 90, 4239-4247.                                   | 0.5  | 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. BMC Cancer, 2005, 5, 75.                     | 2.6  | 39        |
| 26 | Differentiation of normal and cancer cells induced by sulfhydryl reduction: biochemical and molecular mechanisms. Cell Death and Differentiation, 2005, 12, 1285-1296.                                  | 11.2 | 51        |
| 27 | Gene Expression Analysis of Human Epidermal Keratinocytes after N-Acetyl <i>L</i> -Cysteine Treatment<br>Demonstrates Cell Cycle Arrest and Increased Differentiation. Pathobiology, 2005, 72, 203-212. | 3.8  | 20        |
| 28 | Imaging the cell surface: Argon sputtering to expose inner cell structures. Microscopy Research and Technique, 2004, 63, 115-121.   | 2.2  | 13        |
| 29 | One site on the apoBâ€100 specifically binds 17â€Î²â€estradiol and regulates the overall structure of LDL.<br>FASEB Journal, 2003, 17, 1-14.  | 0.5  | 12        |
| 30 | [14] Spectroscopy and microscopy of cells and cell membrane systems. Methods in Enzymology, 2003, 360, 330-345.   | 1.0  | 0         |
| 31 | Phototoxic effect of fluoroquinolones on two human cell lines. Toxicology in Vitro, 2002, 16, 449-456.  | 2.4  | 21        |
| 32 | Atherosclerosis: another protein misfolding disease?. Trends in Molecular Medicine, 2002, 8, 370-374.   | 6.7  | 69        |
| 33 | Surface properties of cholesterol-containing membranes detected by Prodan fluorescence.<br>Biochimica Et Biophysica Acta - Biomembranes, 2001, 1511, 330-340.   | 2.6  | 52        |
| 34 | Loss of apoB-100 secondary structure and conformation in hydroperoxide rich, electronegative LDLâ^'.<br>Free Radical Biology and Medicine, 2001, 31, 82-89.   | 2.9  | 63        |
| 35 | Giant phospholipid vesicles: comparison among the whole lipid sample characteristics using different preparation methods. Chemistry and Physics of Lipids, 2000, 105, 135-147.                          | 3.2  | 135       |
| 36 | Two-photon microscopy of aorta fibers shows proteolysis induced by LDL hydroperoxides. Free<br>Radical Biology and Medicine, 2000, 28, 1589-1597.   | 2.9  | 16        |

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|----|--|-----|-----------|
| 37 | Estradiol Enhances the Resistance of LDL to Oxidation by Stabilizing apoB-100 Conformationâ€.<br>Biochemistry, 2000, 39, 13897-13903.  | 2.5 | 32        |
| 38 | A Model for the Interaction of 6‣auroylâ€2â€( <i>N</i> , <i>N</i> â€dimethylamino)naphthalene with Lipid<br>Environments: Implications for Spectral Properties. Photochemistry and Photobiology, 1999, 70,<br>557-564. | 2.5 | 101       |
| 39 | Laurdan and Prodan as Polarity-Sensitive Fluorescent Membrane Probes. Journal of Fluorescence, 1998, 8, 365-373.   | 2.5 | 551       |
| 40 | Prodan as a Membrane Surface Fluorescence Probe: Partitioning between Water and Phospholipid<br>Phases. Biophysical Journal, 1998, 74, 1984-1993.  | 0.5 | 153       |
| 41 | In K562 and HL60 cells membrane ageing during cell growth is associated with changes in cholesterol concentration. Mechanisms of Ageing and Development, 1997, 97, 109-119.  | 4.6 | 28        |
| 42 | Fluorescence lifetime distributions in membrane systems. Journal of Fluorescence, 1995, 5, 51-57.  | 2.5 | 24        |
| 43 | Membrane lipid domains and dynamics as detected by Laurdan fluorescence. Journal of Fluorescence, 1995, 5, 59-69.  | 2.5 | 313       |
| 44 | Cholesterol protects the phospholipid bilayer from oxidative damage. Free Radical Biology and Medicine, 1995, 19, 511-516.   | 2.9 | 50        |
| 45 | Hoechst 33258 Staining for Detecting Mycoplasma Contamination in Cell Cultures: a Method for Reducing Fluorescence Photobleaching. Biotechnic and Histochemistry, 1994, 69, 152-156.                                   | 1.3 | 28        |
| 46 | Evidence for an Increase in Water Concentration in Bilayers after Oxidative Damage of Phospholipids<br>Induced by Ionizing Radiation. International Journal of Radiation Biology, 1994, 65, 329-334.                   | 1.8 | 60        |
| 47 | MODULATION AND DYNAMICS OF PHASE PROPERTIES IN PHOSPHOLIPID MIXTURES DETECTED BY LAURDAN FLUORESCENCE*. Photochemistry and Photobiology, 1993, 57, 403-410.  | 2.5 | 103       |
| 48 | Absence of lipid gel-phase domains in seven mammalian cell lines and in four primary cell types.<br>Biochimica Et Biophysica Acta - Biomembranes, 1993, 1153, 143-154.   | 2.6 | 96        |
| 49 | Timeâ€resolved experiments in the frequency domain using synchrotron radiation (invited). Review of Scientific Instruments, 1992, 63, 1393-1398.   | 1.3 | 0         |
| 50 | Membrane Oxidative Damage Induced by Ionizing Radiation Detected by Diphenylhexatriene<br>Fluorescence Lifetime Distributions. International Journal of Radiation Biology, 1992, 61, 791-796.                          | 1.8 | 25        |
| 51 | Membrane aging during cell growth ascertained by laurdan generalized polarization. Experimental Cell Research, 1992, 202, 432-439.   | 2.6 | 66        |
| 52 | Packing of phospholipid vesicles studied by oxygen quenching of Laurdan fluorescence. Journal of<br>Fluorescence, 1992, 2, 167-174.  | 2.5 | 35        |
| 53 | Plastique: A synchrotron radiation beamline for time resolved fluorescence in the frequency domain.<br>Review of Scientific Instruments, 1991, 62, 1670-1671.  | 1.3 | 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. International Journal of Radiation Biology, 1991, 59, 59-69. | 1.8 | 46        |

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| 55 | Abscisic acid-induced microheterogeneity in phospholipid vesicle. Biophysical Chemistry, 1990, 35, 65-73.   | 2.8 | 15        |
| 56 | Membranes modification of differentiating proerythroblasts. Variation of 1,6-diphenyl-1,3,5-hexatriene<br>lifetime distributions by multifrequency phase and modulation fluorimetry. Biochimica Et Biophysica<br>Acta - Biomembranes, 1987, 898, 196-201. | 2.6 | 25        |
| 57 | Study of heterogeneous emission of parinaric acid isomers using multifrequency phase fluorometry.<br>Biochemistry, 1984, 23, 5660-5664.   | 2.5 | 37        |
| 58 | Photodynamic reactions in dimyristoyl-L-α-phosphatidylcholine (DMPC) liposomes. Inorganica Chimica<br>Acta, 1982, 66, 137-139.  | 2.4 | 3         |
| 59 | Interaction between 1,2-dipalmitoyl-L-phosphatidyl choline and cholesterol. DSC study. Thermochimica Acta, 1981, 49, 131-138.   | 2.7 | 1         |