

# Luciana Dini

## List of Publications by Year in descending order

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90  
papers

9,496  
citations

147566

31  
h-index

60497

81  
g-index

92  
all docs

92  
docs citations

92  
times ranked

21192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity and alteration of the Gene Regulatory Network expression during <i>Paracentrotus lividus</i> development in the presence of carbon nanoparticles. <i>Toxicological Research</i> , 2022, 38, 257.	1.1	0
2	Static magnetic field modulates olfactory ensheathing cell's morphology, division, and migration activities, a biophysical approach to regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, , .	1.3	2
3	Stem cell-based therapy treating glioblastoma multiforme. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2021, 14, 1-15.	0.6	10
4	Oleuropein-Laded Ufasomes Improve the Nutraceutical Efficacy. <i>Nanomaterials</i> , 2021, 11, 105.	1.9	29
5	Micro and Nanoplastics Identification: Classic Methods and Innovative Detection Techniques. <i>Frontiers in Toxicology</i> , 2021, 3, 636640.	1.6	113
6	Expanding Roles of De Novo Lipogenesis in Breast Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3575.	1.2	24
7	Current Nanocarrier Strategies Improve Vitamin B12 Pharmacokinetics, Ameliorate Patients's Lives, and Reduce Costs. <i>Nanomaterials</i> , 2021, 11, 743.	1.9	13
8	Cholinergic Modulation of Neuroinflammation: Focus on $\alpha 7$ Nicotinic Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4912.	1.8	48
9	Oleoyethanolamide Reduces Hepatic Oxidative Stress and Endoplasmic Reticulum Stress in High-Fat Diet-Fed Rats. <i>Antioxidants</i> , 2021, 10, 1289.	2.2	13
10	Nanonutraceuticals Delivery. <i>Nanomaterials</i> , 2021, 11, 2031.	1.9	2
11	Conventional Nanosized Drug Delivery Systems for Cancer Applications. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1295, 3-27.	0.8	6
12	Novel Therapeutic Delivery of Nanocurcumin in Central Nervous System Related Disorders. <i>Nanomaterials</i> , 2021, 11, 2.	1.9	39
13	The dialogue between died and viable cells: in vitro and in vivo bystander effects and <sup>1</sup> H-NMR-based metabolic profiling of soluble factors. <i>Pure and Applied Chemistry</i> , 2020, 92, 399-411.	0.9	0
14	Bioaccumulation, cellular and molecular effects in adult zebrafish after exposure to cadmium sulphide nanoparticles and to ionic cadmium. <i>Chemosphere</i> , 2020, 238, 124588.	4.2	27
15	Application of calcium carbonate nanocarriers for controlled release of phytodrugs against <i>Xylella fastidiosa</i> pathogen. <i>Pure and Applied Chemistry</i> , 2020, 92, 429-444.	0.9	15
16	Microvesicles and exosomes in metabolic diseases and inflammation. <i>Cytokine and Growth Factor Reviews</i> , 2020, 51, 27-39.	3.2	45
17	The neuroligins and the synaptic pathway in Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 37-51.	2.9	40
18	Toxicity, Bioaccumulation and Biotransformation of Glucose-Capped Silver Nanoparticles in Green Microalgae <i>Chlorella vulgaris</i> . <i>Nanomaterials</i> , 2020, 10, 1377.	1.9	21

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19	Molecular Characterization of Temozolomide-Treated and Non Temozolomide-Treated Glioblastoma Cells Released Extracellular Vesicles and Their Role in the Macrophage Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8353.	1.8	14
20	Design and Characterization of Glyceryl Monooleate-Nanostructures Containing Doxorubicin Hydrochloride. <i>Pharmaceutics</i> , 2020, 12, 1017.	2.0	27
21	Effects mediated by the $\alpha 7$ nicotinic acetylcholine receptor on cell proliferation and migration in rat adipose-derived stem cells. <i>European Journal of Histochemistry</i> , 2020, 64, .	0.6	6
22	Sonication-Assisted Production of Fosetyl-Al Nanocrystals: Investigation of Human Toxicity and In Vitro Antibacterial Efficacy against <i>Xylella fastidiosa</i> . <i>Nanomaterials</i> , 2020, 10, 1174.	1.9	16
23	Cross Interaction between M2 Muscarinic Receptor and Notch1/EGFR Pathway in Human Glioblastoma Cancer Stem Cells: Effects on Cell Cycle Progression and Survival. <i>Cells</i> , 2020, 9, 657.	1.8	20
24	Moderate Static Magnetic Field (6 mT)-Induced Lipid Rafts Rearrangement Increases Silver NPs Uptake in Human Lymphocytes. <i>Molecules</i> , 2020, 25, 1398.	1.7	5
25	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 694.	1.3	833
26	Plant-Derived Bioactives and Oxidative Stress-Related Disorders: A Key Trend towards Healthy Aging and Longevity Promotion. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 947.	1.3	103
27	Two FtsH Proteases Contribute to Fitness and Adaptation of <i>Pseudomonas aeruginosa</i> Clone C Strains. <i>Frontiers in Microbiology</i> , 2019, 10, 1372.	1.5	22
28	High performance liquid chromatographic profiling of antioxidant and antidiabetic flavonoids purified from <i>Azadirachta indica</i> (neem) leaf ethanolic extract. <i>Pure and Applied Chemistry</i> , 2019, 91, 1631-1640.	0.9	10
29	15 <sup>th</sup> Eurasia Conference on Chemical Sciences (EuAsC <sub>2</sub> S-15) 8 <sup>th</sup> September 2018, Rome, Italy. <i>Pure and Applied Chemistry</i> , 2019, 91, 1549-1552.	0.9	0
30	Effects mediated by M2 muscarinic orthosteric agonist on cell growth in human neuroblastoma cell lines. <i>Pure and Applied Chemistry</i> , 2019, 91, 1641-1650.	0.9	6
31	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
32	Herbal Extracts from <i>Carica papaya</i> and <i>Azadirachta indica</i> : What Role for ROS in Cancer Cell Lines?. <i>Herbal Medicine</i> , 2019, , 1-45.	0.2	0
33	Comparative Analysis of Biological Effects Induced on Different Cell Types by Magnetic Fields with Magnetic Flux Densities in the Range of 1-60 mT and Frequencies up to 50 Hz. <i>Sustainability</i> , 2018, 10, 2776.	1.6	16
34	In vitro comparative study of the effects of silver and gold nanoparticles exploitable in the context of photodynamic therapy. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
35	Clinical isolates of the modern <i>Mycobacterium tuberculosis</i> lineage 4 evade host defense in human macrophages through eluding IL-1 $\beta$ -induced autophagy. <i>Cell Death and Disease</i> , 2018, 9, 624.	2.7	37
36	Intracellular Transport of Silver and Gold Nanoparticles and Biological Responses: An Update. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1305.	1.8	90

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37	Inhibition of Glycolysis by Using a Micro/Nano-Lipid Bromopyruvic Chitosan Carrier as a Promising Tool to Improve Treatment of Hepatocellular Carcinoma. <i>Nanomaterials</i> , 2018, 8, 34.	1.9	26
38	Polymeric Nano-Micelles as Novel Cargo-Carriers for LY2157299 Liver Cancer Cells Delivery. <i>International Journal of Molecular Sciences</i> , 2018, 19, 748.	1.8	31
39	Waterborne exposure of adult zebrafish to silver nanoparticles and to ionic silver results in differential silver accumulation and effects at cellular and molecular levels. <i>Science of the Total Environment</i> , 2018, 642, 1209-1220.	3.9	40
40	Scalable production of calcite nanocrystals by atomization process: Synthesis, characterization and biological interactions study. <i>Advanced Powder Technology</i> , 2017, 28, 2445-2455.	2.0	8
41	Glucose capped silver nanoparticles induce cell cycle arrest in HeLa cells. <i>Toxicology in Vitro</i> , 2017, 41, 64-74.	1.1	47
42	Cytotoxicity of temozolomide on human glioblastoma cells is enhanced by the concomitant exposure to an extremely low-frequency electromagnetic field (100 Hz, 100 G). <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 254-264.	2.5	39
43	Nanotechnology for Food Packaging and Food Quality Assessment. <i>Advances in Food and Nutrition Research</i> , 2017, 82, 149-204.	1.5	46
44	Hybrid polymeric-protein nano-carriers (HPPNC) for targeted delivery of TGF $\beta$ 2 inhibitors to hepatocellular carcinoma cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 120.	1.7	26
45	Effects of extremely low-frequency pulsed electromagnetic fields (ELF-PEMFs) on glioblastoma cells (U87). <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 238-247.	0.7	39
46	Environmental Nanoremediation and Electron Microscopies. , 2017, , 115-136.		9
47	Cytotoxicity of $\beta$ -D-glucose/sucrose-coated silver nanoparticles depends on cell type, nanoparticles concentration and time of incubation. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3
48	Biocatalytic Synthesis of Phospholipids and Their Application as Coating Agents for CaCO <sub>3</sub> Nano-crystals: Characterization and Intracellular Localization Analysis. <i>ChemistrySelect</i> , 2016, 1, 6507-6514.	0.7	15
49	Fabrication and characterization of ALK1fc-loaded fluoro-magnetic nanoparticles for inhibiting TGF $\beta$ 21 in hepatocellular carcinoma. <i>RSC Advances</i> , 2016, 6, 48834-48842.	1.7	13
50	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
51	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. <i>Water Research</i> , 2016, 92, 22-37.	5.3	289
52	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016, 32, 1241-1249.	1.6	42
53	Early Development of Sea Urchin <i>P.lividus</i> Under Static (6 mT) and Pulsed Magnetic Fields (15 and 72 T) $\beta$ 1 0,784314 $\beta$ BT /Over	0,2	3
54	Glycans coated silver nanoparticles induces autophagy and necrosis in HeLa cells. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	6

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55	Synthesis of calcium carbonate nanocrystals and their potential application as vessels for drug delivery. AIP Conference Proceedings, 2015, , .	0.3	12
56	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	2.2	317
57	Microscopies at the Nanoscale for Nano-Scale Drug Delivery Systems. Current Drug Targets, 2015, 16, 1512-1530.	1.0	10
58	Impact of Inhomogeneous Static Magnetic Field (31.7â€“232.0 mT) Exposure on Human Neuroblastoma SH-SY5Y Cells during Cisplatin Administration. PLoS ONE, 2014, 9, e113530.	1.1	49
59	Consensus guidelines for the detection of immunogenic cell death. Oncolmmunology, 2014, 3, e955691.	2.1	686
60	Administration Dependent Antioxidant Effect of <i>Carica papaya</i> Seeds Water Extract. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-13.	0.5	24
61	Cytotoxicity of $\beta$ -D-glucose coated silver nanoparticles on human lymphocytes. AIP Conference Proceedings, 2014, , .	0.3	13
62	Nanomaterial-Induced Autophagy: A New Reversal MDR Tool in Cancer Therapy?. Molecular Pharmaceutics, 2014, 11, 2527-2538.	2.3	55
63	Rose Bengal Acetate PhotoDynamic Therapy (RBAc-PDT) Induces Exposure and Release of Damage-Associated Molecular Patterns (DAMPs) in Human HeLa Cells. PLoS ONE, 2014, 9, e105778.	1.1	100
64	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. Biomedical Microdevices, 2013, 15, 299-309.	1.4	22
65	<i>In vitro</i> and <i>in vivo</i> clearance of Rose Bengal Acetate-PhotoDynamic Therapy-induced autophagic and apoptotic cells. Experimental Biology and Medicine, 2013, 238, 765-778.	1.1	8
66	Silver and carbon nanoparticles toxicity in sea urchin <i>Paracentrotus lividus</i> embryos. BioNanoMaterials, 2013, 14, .	1.4	13
67	Nanomaterials and Autophagy: New Insights in Cancer Treatment. Cancers, 2013, 5, 296-319.	1.7	62
68	Immunogenic Cell Death: Can It Be Exploited in PhotoDynamic Therapy for Cancer?. BioMed Research International, 2013, 2013, 1-18.	0.9	86
69	In Vitro Analysis of the Anti-Inflammatory Effect of Inhomogeneous Static Magnetic Field-Exposure on Human Macrophages and Lymphocytes. PLoS ONE, 2013, 8, e72374.	1.1	40
70	Magnetostatic Field System for Uniform Cell Cultures Exposure. PLoS ONE, 2013, 8, e72341.	1.1	5
71	High ordered biomineralization induced by carbon nanoparticles in the sea urchin <i>Paracentrotus lividus</i> . Nanotechnology, 2012, 23, 495104.	1.3	14
72	Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease. Neurobiology of Aging, 2012, 33, 767-785.	1.5	202

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73	Targeting of GSK3 <sup>β</sup> promotes imatinib-mediated apoptosis in quiescent CD34+ chronic myeloid leukemia progenitors, preserving normal stem cells. <i>Blood</i> , 2012, 119, 2335-2345.	0.6	43
74	Isolated Corneal Epithelial Stem Cells Derived from Limbal Biopsies: Use of Lectin as a Marker for Identifying Transient Amplifying Cells. , 2012, , 125-138.		1
75	Autophagy Contributes to the Death/Survival Balance in Cancer PhotoDynamic Therapy. <i>Cells</i> , 2012, 1, 464-491.	1.8	60
76	Stress response induced by carbon nanoparticles in <i>Paracentrotus lividus</i> . <i>International Journal of Molecular and Cellular Medicine</i> , 2012, 1, 30-8.	1.1	9
77	Synthesis and <i>in vitro</i> Cytotoxicity of Glycans-Capped Silver Nanoparticles. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 10.	1.2	14
78	Overview of Cell Death Mechanisms Induced by Rose Bengal Acetate-Photodynamic Therapy. <i>International Journal of Photoenergy</i> , 2011, 2011, 1-11.	1.4	39
79	Phagocytosis of dying cells: influence of smoking and static magnetic fields. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1147-1164.	2.2	16
80	Chronic Treatment with Ethanolic Extract of the Leaves of <i>Azadirachta indica</i> Ameliorates Lesions of Pancreatic Islets in Streptozotocin Diabetes. <i>International Journal of Morphology</i> , 2010, 28, .	0.1	23
81	Rose Bengal Acetate photodynamic therapy-induced autophagy. <i>Cancer Biology and Therapy</i> , 2010, 10, 1048-1055.	1.5	24
82	The influence of a 6 mT static magnetic field on apoptotic cell phagocytosis depends on monocyte/macrophage differentiation. <i>Experimental Biology and Medicine</i> , 2010, 235, 1432-1441.	1.1	13
83	Deregulated Activity and Localization of Glycogen Synthase Kinase 3 <sup>β</sup> In Chronic Myeloid Leukemia Progenitors: Role In Leukemia Maintenance and Targeted Therapy.. <i>Blood</i> , 2010, 116, 1216-1216.	0.6	0
84	Morphofunctional study of 12- <i>O</i> -tetradecanoyl-13- <i>α</i> -phorbol acetate (TPA)-induced differentiation of U937 cells under exposure to a 6 mT static magnetic field. <i>Bioelectromagnetics</i> , 2009, 30, 352-364.	0.9	23
85	Photodynamic Therapy-Induced Apoptosis of HeLa Cells. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 617-626.	1.8	28
86	Receptor-mediated endocytosis of galactose and mannose exposing ligands: an electron microscopic study on adult and neonatal cultured rat hepatocytes. <i>Biology of the Cell</i> , 1992, 74, 217-224.	0.7	4
87	The clearance of apoptotic cells in the liver is mediated by the asialoglycoprotein receptor. <i>FEBS Letters</i> , 1992, 296, 174-178.	1.3	168
88	The simultaneous exposition of galactose and mannose-specific receptors on rat liver macrophages is developmentally regulated. <i>Bioscience Reports</i> , 1992, 12, 453-461.	1.1	7
89	Morphological and Biochemical Profiles of the Gonadal Cycle in the Sea Urchin <i>Paracentrotus lividus</i> : Wild Type vs. Bred. , 0, , .		0
90	Powerful Properties of Ozonated Extra Virgin Olive Oil. , 0, , .		3