

Luciana Dini

List of Publications by Year in descending order

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Version: 2024-02-01

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	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
3	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
4	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	2.2	317
5	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. <i>Water Research</i> , 2016, 92, 22-37.	5.3	289
6	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
7	Neuroprotection of kaempferol by autophagy in models of rotenone-mediated acute toxicity: possible implications for Parkinson's disease. <i>Neurobiology of Aging</i> , 2012, 33, 767-785.	1.5	202
8	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
9	Micro and Nanoplastics Identification: Classic Methods and Innovative Detection Techniques. <i>Frontiers in Toxicology</i> , 2021, 3, 636640.	1.6	113
10	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
11	Rose Bengal Acetate PhotoDynamic Therapy (RBAC-PDT) Induces Exposure and Release of Damage-Associated Molecular Patterns (DAMPs) in Human HeLa Cells. <i>PLoS ONE</i> , 2014, 9, e105778.	1.1	100
12	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
13	Immunogenic Cell Death: Can It Be Exploited in PhotoDynamic Therapy for Cancer?. <i>BioMed Research International</i> , 2013, 2013, 1-18.	0.9	86
14	Nanomaterials and Autophagy: New Insights in Cancer Treatment. <i>Cancers</i> , 2013, 5, 296-319.	1.7	62
15	Autophagy Contributes to the Death/Survival Balance in Cancer PhotoDynamic Therapy. <i>Cells</i> , 2012, 1, 464-491.	1.8	60
16	Nanomaterial-Induced Autophagy: A New Reversal MDR Tool in Cancer Therapy?. <i>Molecular Pharmaceutics</i> , 2014, 11, 2527-2538.	2.3	55
17	Impact of Inhomogeneous Static Magnetic Field (31.7±232.0 mT) Exposure on Human Neuroblastoma SH-SY5Y Cells during Cisplatin Administration. <i>PLoS ONE</i> , 2014, 9, e113530.	1.1	49
18	Cholinergic Modulation of Neuroinflammation: Focus on $\alpha 7$ Nicotinic Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4912.	1.8	48

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19	Glucose capped silver nanoparticles induce cell cycle arrest in HeLa cells. <i>Toxicology in Vitro</i> , 2017, 41, 64-74.	1.1	47
20	Nanotechnology for Food Packaging and Food Quality Assessment. <i>Advances in Food and Nutrition Research</i> , 2017, 82, 149-204.	1.5	46
21	Microvesicles and exosomes in metabolic diseases and inflammation. <i>Cytokine and Growth Factor Reviews</i> , 2020, 51, 27-39.	3.2	45
22	Targeting of GSK3 β 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
23	Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response. <i>Langmuir</i> , 2016, 32, 1241-1249.	1.6	42
24	In Vitro Analysis of the Anti-Inflammatory Effect of Inhomogeneous Static Magnetic Field-Exposure on Human Macrophages and Lymphocytes. <i>PLoS ONE</i> , 2013, 8, e72374.	1.1	40
25	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
26	The neuroligins and the synaptic pathway in Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 37-51.	2.9	40
27	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
28	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
29	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
30	Novel Therapeutic Delivery of Nanocurcumin in Central Nervous System Related Disorders. <i>Nanomaterials</i> , 2021, 11, 2.	1.9	39
31	Clinical isolates of the modern Mycobacterium tuberculosis lineage 4 evade host defense in human macrophages through eluding IL-1 β -induced autophagy. <i>Cell Death and Disease</i> , 2018, 9, 624.	2.7	37
32	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
33	Oleuropein-Laded Ufasomes Improve the Nutraceutical Efficacy. <i>Nanomaterials</i> , 2021, 11, 105.	1.9	29
34	Photodynamic Therapy-Induced Apoptosis of HeLa Cells. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 617-626.	1.8	28
35	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
36	Design and Characterization of Glyceryl Monooleate-Nanostructures Containing Doxorubicin Hydrochloride. <i>Pharmaceutics</i> , 2020, 12, 1017.	2.0	27

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37	Hybrid polymeric-protein nano-carriers (HPPNC) for targeted delivery of TGF β 2 inhibitors to hepatocellular carcinoma cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 120.	1.7	26
38	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
39	Rose Bengal Acetate photodynamic therapy-induced autophagy. <i>Cancer Biology and Therapy</i> , 2010, 10, 1048-1055.	1.5	24
40	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
41	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
42	Morphofunctional study of 12- <i>O</i> -tetradecanoyl-13- β -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
43	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
44	Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. <i>Biomedical Microdevices</i> , 2013, 15, 299-309.	1.4	22
45	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
46	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
47	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
48	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
49	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
50	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
51	Biocatalytic Synthesis of Phospholipids and Their Application as Coating Agents for CaCO ₃ Nano-crystals: Characterization and Intracellular Localization Analysis. <i>ChemistrySelect</i> , 2016, 1, 6507-6514.	0.7	15
52	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
53	Synthesis and <i>in vitro</i> Cytotoxicity of Glycans-Capped Silver Nanoparticles. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 10.	1.2	14
54	High ordered biomineralization induced by carbon nanoparticles in the sea urchin <i>Paracentrotus lividus</i> . <i>Nanotechnology</i> , 2012, 23, 495104.	1.3	14

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55	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
56	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
57	Silver and carbon nanoparticles toxicity in sea urchin <i>Paracentrotus lividus</i> embryos. <i>BioNanoMaterials</i> , 2013, 14, .	1.4	13
58	Cytotoxicity of \hat{I}^2 -D-glucose coated silver nanoparticles on human lymphocytes. <i>AIP Conference Proceedings</i> , 2014, , .	0.3	13
59	Fabrication and characterization of ALK1fc-loaded fluoro-magnetic nanoparticles for inhibiting TGF \hat{I}^2 1 in hepatocellular carcinoma. <i>RSC Advances</i> , 2016, 6, 48834-48842.	1.7	13
60	Current Nanocarrier Strategies Improve Vitamin B12 Pharmacokinetics, Ameliorate Patients's Lives, and Reduce Costs. <i>Nanomaterials</i> , 2021, 11, 743.	1.9	13
61	Oleylethanolamide Reduces Hepatic Oxidative Stress and Endoplasmic Reticulum Stress in High-Fat Diet-Fed Rats. <i>Antioxidants</i> , 2021, 10, 1289.	2.2	13
62	Synthesis of calcium carbonate nanocrystals and their potential application as vessels for drug delivery. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	12
63	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
64	Stem cell-based therapy treating glioblastoma multiforme. <i>Hematology/ Oncology and Stem Cell Therapy</i> , 2021, 14, 1-15.	0.6	10
65	Microscopies at the Nanoscale for Nano-Scale Drug Delivery Systems. <i>Current Drug Targets</i> , 2015, 16, 1512-1530.	1.0	10
66	Environmental Nanoremediation and Electron Microscopies. , 2017, , 115-136.		9
67	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
68	<i>In Vitro</i> and <i>In Vivo</i> clearance of Rose Bengal Acetate-PhotoDynamic Therapy-induced autophagic and apoptotic cells. <i>Experimental Biology and Medicine</i> , 2013, 238, 765-778.	1.1	8
69	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
70	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
71	Glycans coated silver nanoparticles induces autophagy and necrosis in HeLa cells. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	6
72	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

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73	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
74	Conventional Nanosized Drug Delivery Systems for Cancer Applications. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1295, 3-27.	0.8	6
75	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
76	Magnetostatic Field System for Uniform Cell Cultures Exposure. <i>PLoS ONE</i> , 2013, 8, e72341.	1.1	5
77	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
78	Cytotoxicity of 125 I-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
79	Powerful Properties of Ozonated Extra Virgin Olive Oil. , 0, , .		3
80	Early Development of Sea Urchin <i>P. lividus</i> Under Static (6 mT) and Pulsed Magnetic Fields (15 and 72 T) $\frac{10^{-10} \text{ T}}{10^{-10} \text{ T}}$ / $\frac{10^{-10} \text{ T}}{10^{-10} \text{ T}}$ Overlock 10 T	0.2	3
81	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
82	Nanonutraceuticals Delivery. <i>Nanomaterials</i> , 2021, 11, 2031.	1.9	2
83	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
84	Isolated Corneal Epithelial Stem Cells Derived from Limbal Biopsies: Use of Lectin as a Marker for Identifying Transient Amplifying Cells. , 2012, , 125-138.		1
85	Morphological and Biochemical Profiles of the Gonadal Cycle in the Sea Urchin <i>Paracentrotus lividus</i> : Wild Type vs. Bred. , 0, , .		0
86	15 th Eurasia Conference on Chemical Sciences (EuAsC ₂ S-15) â€“ 5 th â€“ 8 th September 2018, Rome, Italy. <i>Pure and Applied Chemistry</i> , 2019, 91, 1549-1552.	0.9	0
87	The dialogue between died and viable cells: in vitro and in vivo bystander effects and ¹ H-NMR-based metabolic profiling of soluble factors. <i>Pure and Applied Chemistry</i> , 2020, 92, 399-411.	0.9	0
88	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
89	Deregulated Activity and Localization of Glycogen Synthase Kinase 3 β In Chronic Myeloid Leukemia Progenitors: Role In Leukemia Maintenance and Targeted Therapy.. <i>Blood</i> , 2010, 116, 1216-1216.	0.6	0
90	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