

Marialucia Gallorini

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

926
citations

471509

17
h-index

526287

27
g-index

52
all docs

52
docs citations

52
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the Nrf2-regulated antioxidant cell response inhibits HEMA-induced oxidative stress and supports cell viability. <i>Biomaterials</i> , 2015, 56, 114-128.	11.4	84
2	Cytotoxicity and apoptosis induction by e-cigarette fluids in human gingival fibroblasts. <i>Clinical Oral Investigations</i> , 2016, 20, 477-483.	3.0	68
3	Alginate/Hydroxyapatite-Based Nanocomposite Scaffolds for Bone Tissue Engineering Improve Dental Pulp Biomineralization and Differentiation. <i>Stem Cells International</i> , 2018, 2018, 1-13.	2.5	54
4	Synthesis, biological evaluation, and docking study of indole aryl sulfonamides as aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111815.	5.5	42
5	PPAR- β agonist GL516 reduces oxidative stress and apoptosis occurrence in a rat astrocyte cell line. <i>Neurochemistry International</i> , 2019, 126, 239-245.	3.8	36
6	Extracellular vesicles from rat-bone-marrow mesenchymal stromal/stem cells improve tendon repair in rat Achilles tendon injury model in dose-dependent manner: A pilot study. <i>PLoS ONE</i> , 2020, 15, e0229914.	2.5	35
7	RNA-seq reveals distinctive RNA profiles of small extracellular vesicles from different human liver cancer cell lines. <i>Oncotarget</i> , 2017, 8, 82920-82939.	1.8	31
8	Design, synthesis and biological evaluation of imidazole and triazole-based carbamates as novel aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113115.	5.5	28
9	Effects of dichloroacetate as single agent or in combination with GW6471 and metformin in paraganglioma cells. <i>Scientific Reports</i> , 2018, 8, 13610.	3.3	26
10	Combined ascorbic acid and T3 produce better healing compared to bone marrow mesenchymal stem cells in an Achilles tendon injury rat model: a proof of concept study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 54.	2.3	26
11	Chitlac-coated Thermosets Enhance Osteogenesis and Angiogenesis in a Co-culture of Dental Pulp Stem Cells and Endothelial Cells. <i>Nanomaterials</i> , 2019, 9, 928.	4.1	25
12	Fisetin as a Senotherapeutic Agent: Biopharmaceutical Properties and Crosstalk between Cell Senescence and Neuroprotection. <i>Molecules</i> , 2022, 27, 738.	3.8	25
13	Nitric oxide-mediated cytotoxic effect induced by zoledronic acid treatment on human gingival fibroblasts. <i>Clinical Oral Investigations</i> , 2015, 19, 1269-1277.	3.0	19
14	Modifications in Human Oral Fibroblast Ultrastructure, Collagen Production, and Lysosomal Compartment in Response to Electronic Cigarette Fluids. <i>Journal of Periodontology</i> , 2017, 88, 673-680.	3.4	19
15	Discovery of N-{3-[(ethanimidoylamino)methyl]benzyl}-l-prolinamide dihydrochloride: A new potent and selective inhibitor of the inducible nitric oxide synthase as a promising agent for the therapy of malignant glioma. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 53-64.	5.5	19
16	The Up-Regulation of Oxidative Stress as a Potential Mechanism of Novel MAO-B Inhibitors for Glioblastoma Treatment. <i>Molecules</i> , 2019, 24, 2005.	3.8	19
17	Functions of transcription factors NF- κ B and Nrf2 in the inhibition of LPS-stimulated cytokine release by the resin monomer HEMA. <i>Dental Materials</i> , 2018, 34, 1661-1678.	3.5	18
18	Zoledronic acid at subtoxic dose extends osteoblastic stage span of primary human osteoblasts. <i>Clinical Oral Investigations</i> , 2015, 19, 601-611.	3.0	17

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19	Distinguished properties of cells isolated from the dentin-pulp interface. <i>Annals of Anatomy</i> , 2021, 234, 151628.	1.9	17
20	Biological Responses of Human Gingival Fibroblasts (HGFs) in an Innovative Co-Culture Model with <i>Streptococcus mitis</i> to Thermosets Coated with a Silver Polysaccharide Antimicrobial System. <i>PLoS ONE</i> , 2014, 9, e96520.	2.5	17
21	Nrf2-mediated cytoprotective effect of four different hyaluronic acids by molecular weight in human tenocytes. <i>Journal of Drug Targeting</i> , 2020, 28, 212-224.	4.4	16
22	Dual Carbonic Anhydrase IX/XII Inhibitors and Carbon Monoxide Releasing Molecules Modulate LPS-Mediated Inflammation in Mouse Macrophages. <i>Antioxidants</i> , 2021, 10, 56.	5.1	16
23	Design, Synthesis and Biological Evaluation of Aromatase Inhibitors Based on Sulfonates and Sulfonamides of Resveratrol. <i>Pharmaceuticals</i> , 2021, 14, 984.	3.8	16
24	Hyaluronic acid increases tendon derived cell viability and proliferation in vitro: comparative study of two different hyaluronic acid preparations by molecular weight. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 208.	0.3	16
25	Modulatory Properties of Food and Nutraceutical Components Targeting NLRP3 Inflammasome Activation. <i>Nutrients</i> , 2022, 14, 490.	4.1	16
26	Targeting iNOS As a Valuable Strategy for the Therapy of Glioma. <i>ChemMedChem</i> , 2020, 15, 339-344.	3.2	15
27	Adhesion of human gingival fibroblasts/ <i>Streptococcus mitis</i> co-culture on the nanocomposite system Chitlac-nAg. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 88.	3.6	14
28	Synthesis, structure-activity relationships and molecular docking studies of phenyldiazenyl sulfonamides as aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113737.	5.5	14
29	Combined supplementation of ascorbic acid and thyroid hormone T3 affects tenocyte proliferation. The effect of ascorbic acid in the production of nitric oxide. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 11.	0.3	14
30	Redox Control of IL-6-Mediated Dental Pulp Stem-Cell Differentiation on Alginate/Hydroxyapatite Biocomposites for Bone Ingrowth. <i>Nanomaterials</i> , 2019, 9, 1656.	4.1	13
31	Synthesis, Cytotoxicity and Anti-Proliferative Activity against AGS Cells of New 3(2H)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker. <i>Pharmaceuticals</i> , 2021, 14, 183.	3.8	13
32	The Selective Acetamidine-Based iNOS Inhibitor CM544 Reduces Glioma Cell Proliferation by Enhancing PARP-1 Cleavage In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 495.	4.1	12
33	HEMA-induced oxidative stress inhibits NF- κ B nuclear translocation and TNF release from LTA- and LPS-stimulated immunocompetent cells. <i>Dental Materials</i> , 2021, 37, 175-190.	3.5	12
34	Dual Acting Carbon Monoxide Releasing Molecules and Carbonic Anhydrase Inhibitors Differentially Modulate Inflammation in Human Tenocytes. <i>Biomedicines</i> , 2021, 9, 141.	3.2	10
35	The Open Cell Form of 3D-Printed Titanium Improves Osteoconductive Properties and Adhesion Behavior of Dental Pulp Stem Cells. <i>Materials</i> , 2021, 14, 5308.	2.9	10
36	Negative Modulation of the Angiogenic Cascade Induced by Allosteric Kinesin Eg5 Inhibitors in a Gastric Adenocarcinoma In Vitro Model. <i>Molecules</i> , 2022, 27, 957.	3.8	10

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37	Involvement of mitochondrial signalling pathway in HGFs/S. mitis coculture response to TEGDMA treatment. Journal of Biomedical Materials Research - Part A, 2014, 102, 3931-3938.	4.0	9
38	Cell-protection mechanism through autophagy in HGFs/S. mitis co-culture treated with Chitlac-nAg. Journal of Materials Science: Materials in Medicine, 2016, 27, 186.	3.6	9
39	Antiglioma Activity of Aryl and Amido-Aryl Acetamide Derivatives Targeting iNOS: Synthesis and Biological Evaluation. ACS Medicinal Chemistry Letters, 2020, 11, 1470-1475.	2.8	9
40	New azolyl-derivatives as multitargeting agents against breast cancer and fungal infections: synthesis, biological evaluation and docking study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1631-1644.	5.2	9
41	Graphene-Oxide-Enriched Biomaterials: A Focus on Osteo and Chondroinductive Properties and Immunomodulation. Materials, 2022, 15, 2229.	2.9	8
42	Flavin-containing enzymes as a source of reactive oxygen species in HEMA-induced apoptosis. Dental Materials, 2017, 33, e255-e271.	3.5	7
43	Conjugation with Methylsulfonylmethane Improves Hyaluronic Acid Anti-Inflammatory Activity in a Hydrogen Peroxide-Exposed Tenocyte Culture In Vitro Model. International Journal of Molecular Sciences, 2020, 21, 7956.	4.1	7
44	Selective Inhibitors of the Inducible Nitric Oxide Synthase as Modulators of Cell Responses in LPS-Stimulated Human Monocytes. Molecules, 2021, 26, 4419.	3.8	6
45	A Novel Class of Dual-Acting DCH-CORMs Counteracts Oxidative Stress-Induced Inflammation in Human Primary Tenocytes. Antioxidants, 2021, 10, 1828.	5.1	5
46	Understanding collagen interactions and their targeted regulation by novel drugs. Expert Opinion on Drug Discovery, 2021, 16, 1239-1260.	5.0	4
47	The Extracellular Matrix, Growth Factors and Morphogens in Biomaterial Design and Tissue Engineering. Pancreatic Islet Biology, 2018, , 3-26.	0.3	3
48	Cyclin-Dependent Kinase Modulators and Cancer Therapy. BioDrugs, 2012, 26, 377-391.	4.6	3
49	Anti-Migratory Effects of 4- β -Geranyloxyferulic Acid on LPS-Stimulated U937 and HCT116 Cells via MMP-9 Down-Regulation: Involvement of ROS/ERK Signaling Pathway. Antioxidants, 2020, 9, 470.	5.1	2
50	Relevance of Cellular Redox Homeostasis for Vital Functions of Human Dental Pulp Cells. Antioxidants, 2022, 11, 23.	5.1	2
51	Inhibitors of the Inducible Nitric Oxide Synthase as Antiglioma Agents. Proceedings (mdpi), 2019, 22, .	0.2	1
52	Influence of HEMA on LPS- and LTA-stimulated IL-6 release from human dental pulp cells. Dental Materials, 2022, , .	3.5	0