

Simone Guarnieri

List of Publications by Year in descending order

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66
papers

1,814
citations

279701

23
h-index

289141

40
g-index

70
all docs

70
docs citations

70
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	The Oxidative Balance Orchestrates the Main Keystones of the Functional Activity of Cardiomyocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-33.	1.9	5
2	Trop-2, Na ⁺ /K ⁺ ATPase, CD9, PKC ζ , cofilin assemble a membrane signaling super-complex that drives colorectal cancer growth and invasion. <i>Oncogene</i> , 2022, 41, 1795-1808.	2.6	15
3	The Beneficial Effect of Carvacrol in HL-1 Cardiomyocytes Treated with LPS-G: Anti-Inflammatory Pathway Investigations. <i>Antioxidants</i> , 2022, 11, 386.	2.2	11
4	Mice lacking growth-associated protein 43 develop cardiac remodeling and hypertrophy. <i>Histochemistry and Cell Biology</i> , 2022, , 1.	0.8	3
5	Peptides Regulating Proliferative Activity and Inflammatory Pathways in the Monocyte/Macrophage THP-1 Cell Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3607.	1.8	5
6	A Protective Strategy to Counteract the Oxidative Stress Induced by Simulated Microgravity on H9C2 Cardiomyocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	7
7	Antioxidant Ascorbic Acid Modulates NLRP3 Inflammasome in LPS-G Treated Oral Stem Cells through NF κ B/Caspase-1/IL-1 β Pathway. <i>Antioxidants</i> , 2021, 10, 797.	2.2	17
8	Telomerase/myocardin expressing mesenchymal cells induce survival and cardiovascular markers in cardiac stromal cells undergoing ischaemia/reperfusion. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5381-5390.	1.6	9
9	The Effect of Liposomal Curcumin as an Anti-Inflammatory Strategy on Lipopolysaccharide e from <i>Porphyromonas gingivalis</i> Treated Endothelial Committed Neural Crest Derived Stem Cells: Morphological and Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7534.	1.8	16
10	Role of ascorbic acid in the regulation of epigenetic processes induced by <i>Porphyromonas gingivalis</i> in endothelial-committed oral stem cells. <i>Histochemistry and Cell Biology</i> , 2021, 156, 423-436.	0.8	5
11	Ascorbic Acid: A New Player of Epigenetic Regulation in LPS-gingivalis Treated Human Periodontal Ligament Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	32
12	Telomerase and myocardin co-expressing mesenchymal cells increase survival and induce cardiac and vascular markers in cardiac stromal cells undergoing simulated ischemia/reperfusion. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
13	A Novel Role of Ascorbic Acid in Anti-Inflammatory Pathway and ROS Generation in HEMA Treated Dental Pulp Stem Cells. <i>Materials</i> , 2020, 13, 130.	1.3	36
14	The antiplatelet agent revacept prevents the increase of systemic thromboxane A2 biosynthesis and neointima hyperplasia. <i>Scientific Reports</i> , 2020, 10, 21420.	1.6	4
15	Transplantation of telomerase/myocardin-co-expressing mesenchymal cells in the mouse promotes myocardial revascularization and tissue repair. <i>Vascular Pharmacology</i> , 2020, 135, 106807.	1.0	13
16	Antioxidant Strategy to Prevent Simulated Microgravity-Induced Effects on Bone Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3638.	1.8	21
17	Moringin Pretreatment Inhibits the Expression of Genes Involved in Mitophagy in the Stem Cell of the Human Periodontal Ligament. <i>Molecules</i> , 2019, 24, 3217.	1.7	20
18	The Antibiofilm Effect of a Medical Device Containing TIAB on Microorganisms Associated with Surgical Site Infection. <i>Molecules</i> , 2019, 24, 2280.	1.7	23

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19	Physiological Responses of Jurkat Lymphocytes to Simulated Microgravity Conditions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1892.	1.8	12
20	Mesenchymal Stem Cells from Nucleus Pulposus and Neural Differentiation Potential: a Continuous Challenge. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 111-124.	1.1	13
21	Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib. <i>Acta Neuropathologica</i> , 2018, 135, 779-798.	3.9	20
22	Endothelial committed oral stem cells as modelling in the relationship between periodontal and cardiovascular disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 6734-6747.	2.0	43
23	Assembly and Functional Analysis of an S/MAR Based Episome with the Cystic Fibrosis Transmembrane Conductance Regulator Gene. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1220.	1.8	8
24	Cardiomyocytes Derived from Human Cardiopoietic Amniotic Fluids. <i>Scientific Reports</i> , 2018, 8, 12028.	1.6	18
25	Superoxide Anion Production and Bioenergetic Profile in Young and Elderly Human Primary Myoblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	7
26	Bone natural autofluorescence and confocal laser scanning microscopy: Preliminary results of a novel useful tool to distinguish between forensic and ancient human skeletal remains. <i>Forensic Science International</i> , 2017, 272, 87-96.	1.3	15
27	Transient increases in intracellular calcium and reactive oxygen species levels in TCam-2 cells exposed to microgravity. <i>Scientific Reports</i> , 2017, 7, 15648.	1.6	24
28	Mechanisms of endothelial cell dysfunction in cystic fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3243-3253.	1.8	45
29	Extremely Low-Frequency Electromagnetic Fields Affect Myogenic Processes in C2C12 Myoblasts: Role of Gap-Junction-Mediated Intercellular Communication. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	1
30	Evidence for Altered Ca ²⁺ Handling in Growth Associated Protein 43-Knockout Skeletal Muscle. <i>Frontiers in Physiology</i> , 2016, 7, 493.	1.3	13
31	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.	1.7	14
32	Nuclear translocation of PKC ζ isoenzyme is involved in neurogenic commitment of human neural crest-derived periodontal ligament stem cells. <i>Cellular Signalling</i> , 2016, 28, 1631-1641.	1.7	40
33	Responses of peripheral blood mononuclear cells to moderate exercise and hypoxia. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 1188-1199.	1.3	16
34	Altered Kv2.1 functioning promotes increased excitability in hippocampal neurons of an Alzheimer's disease mouse model. <i>Cell Death and Disease</i> , 2016, 7, e2100-e2100.	2.7	75
35	RCCS Bioreactor-Based Modelled Microgravity Induces Significant Changes on In Vitro 3D Neuroglial Cell Cultures. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	30
36	Calcitonin-Induced Effects on Amniotic Fluid-Derived Mesenchymal Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 259-273.	1.1	8

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37	New insights in <i>Staphylococcus pseudintermedius</i> pathogenicity: antibiotic-resistant biofilm formation by a human wound-associated strain. <i>BMC Microbiology</i> , 2015, 15, 109.	1.3	47
38	Human Mesenchymal Stem Cells Reendothelialize Porcine Heart Valve Scaffolds: Novel Perspectives in Heart Valve Tissue Engineering. <i>BioResearch Open Access</i> , 2015, 4, 288-297.	2.6	17
39	New Insights into the Relationship between mIGF-1-Induced Hypertrophy and Ca ²⁺ Handling in Differentiated Satellite Cells. <i>PLoS ONE</i> , 2014, 9, e107753.	1.1	5
40	Specific association of growth-associated protein 43 with calcium release units in skeletal muscles of lower vertebrates. <i>European Journal of Histochemistry</i> , 2014, 58, 2453.	0.6	8
41	Hearing, vestibular reactivity and postural stability after 21-day period at high altitude. <i>Sport Sciences for Health</i> , 2014, 10, 119.	0.4	3
42	Grape seed extract triggers apoptosis in Caco-2 human colon cancer cells through reactive oxygen species and calcium increase: extracellular signal-regulated kinase involvement. <i>British Journal of Nutrition</i> , 2013, 110, 797-809.	1.2	22
43	Growth Associated Protein 43 Is Expressed in Skeletal Muscle Fibers and Is Localized in Proximity of Mitochondria and Calcium Release Units. <i>PLoS ONE</i> , 2013, 8, e53267.	1.1	24
44	Morphological and Metabolic Changes in the Nigro-Striatal Pathway of Synthetic Proteasome Inhibitor (PSI)-Treated Rats: A MRI and MRS Study. <i>PLoS ONE</i> , 2013, 8, e56501.	1.1	16
45	Dysfunctional CFTR Alters the Bactericidal Activity of Human Macrophages against <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e19970.	1.1	128
46	Extracellular DNA in <i>Helicobacter pylori</i> biofilm: a backstairs rumour. <i>Journal of Applied Microbiology</i> , 2011, 110, 490-498.	1.4	79
47	Adhesion to and biofilm formation on IB3-1 bronchial cells by <i>Stenotrophomonas maltophilia</i> isolates from cystic fibrosis patients. <i>BMC Microbiology</i> , 2010, 10, 102.	1.3	106
48	Effects of Acute and Chronic Low Frequency Electromagnetic Field Exposure on PC12 Cells during Neuronal Differentiation. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 947-958.	1.1	64
49	Peripheral Blood Lymphocytes: A Model for Monitoring Physiological Adaptation to High Altitude. <i>High Altitude Medicine and Biology</i> , 2010, 11, 333-342.	0.5	21
50	Extracellular guanosine and GTP promote expression of differentiation markers and induce S ₂ phase cell cycle arrest in human SH-SY5Y neuroblastoma cells. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 135-147.	0.7	48
51	Insights into nuclear localization and dynamic association of CD38 in Raji and K562 cells. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1294-1308.	1.2	8
52	CD38 is constitutively expressed in the nucleus of human hematopoietic cells. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 905-912.	1.2	46
53	IgIII (270-280)-fragment-like H2N-DDSDEEN-COOH peptide modulates N-CAM expression via Ca ²⁺ -dependent ERK signaling during <i>in vitro</i> neurogenesis. <i>Peptides</i> , 2008, 29, 1486-1497.	1.2	4
54	Signal transduction events induced by extracellular guanosine 5'-triphosphate in excitable cells. <i>Purinergic Signalling</i> , 2006, 2, 633-636.	1.1	13

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55	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) regulates endothelial nitric oxide synthase (eNOS) activity and its localization within the human vein endothelial cells (HUVEC) in culture. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 782-794.	1.2	32
56	Defective One- or Two-electron Reduction of the Anticancer Anthracycline Epirubicin in Human Heart. <i>Journal of Biological Chemistry</i> , 2006, 281, 10990-11001.	1.6	88
57	Cooperation in signal transduction of extracellular guanosine 5' triphosphate and nerve growth factor in neuronal differentiation of PC12 cells. <i>Neuroscience</i> , 2004, 128, 697-712.	1.1	25
58	Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) Sequentially Upregulates Nitric Oxide and Prostanoid Production in Primary Human Endothelial Cells. <i>Circulation Research</i> , 2003, 92, 732-740.	2.0	119
59	N-CAM expression and localization in PC12 cells modulated by extracellular peptides. <i>Peptides</i> , 2002, 23, 2151-2161.	1.2	9
60	Differential expression of aquaporin 8 in human colonic epithelial cells and colorectal tumors. <i>BMC Physiology</i> , 2001, 1, 1.	3.6	84
61	Calcium-mediated transductive systems and functionally active gap junctions in astrocyte-like GL15 cells. <i>BMC Physiology</i> , 2001, 1, 4.	3.6	9
62	New Structural Analogues of Tubulozole Induce Apoptosis, [Ca ²⁺] _i Modifications and Cytoskeletal Disorganization in Glial (GL15) and Neuronal-like (PC12) Cell Lines. <i>Archiv Der Pharmazie</i> , 2000, 333, 373-380.	2.1	4
63	Calcium and Fos Involvement in Brain-Derived Ca ²⁺ -Binding Protein (S100)-Dependent Apoptosis in Rat Pheochromocytoma Cells. <i>Experimental Physiology</i> , 2000, 85, 243-253.	0.9	9
64	The Role of the Pleckstrin Homology Domain in Membrane Targeting and Activation of Phospholipase C β 1. <i>Journal of Biological Chemistry</i> , 2000, 275, 14873-14881.	1.6	59
65	Extracellular guanosine 5' triphosphate enhances nerve growth factor-induced neurite outgrowth via increases in intracellular calcium. <i>Neuroscience</i> , 2000, 96, 817-824.	1.1	58
66	Rapid desensitization of PC12 cells stimulated with high concentrations of extracellular S100. <i>Neuroscience</i> , 1999, 89, 991-997.	1.1	15