

Simone Guarnieri

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Dysfunctional CFTR Alters the Bactericidal Activity of Human Macrophages against <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e19970. | 1.1 | 128 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Differential expression of aquaporin 8 in human colonic epithelial cells and colorectal tumors. <i>BMC Physiology</i> , 2001, 1, 1. | 3.6 | 84 |
| 6 | Extracellular DNA in <i>Helicobacter pylori</i> biofilm: a backstairs rumour. <i>Journal of Applied Microbiology</i> , 2011, 110, 490-498. | 1.4 | 79 |
| 7 | 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 |
| 8 | 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 |
| 9 | The Role of the Pleckstrin Homology Domain in Membrane Targeting and Activation of Phospholipase C α 1. <i>Journal of Biological Chemistry</i> , 2000, 275, 14873-14881. | 1.6 | 59 |
| 10 | 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 |
| 11 | Extracellular guanosine and GTP promote expression of differentiation markers and induce S-phase cell cycle arrest in human SH-SY5Y neuroblastoma cells. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 135-147. | 0.7 | 48 |
| 12 | 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 |
| 13 | CD38 is constitutively expressed in the nucleus of human hematopoietic cells. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 905-912. | 1.2 | 46 |
| 14 | 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 |
| 15 | 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 |
| 16 | Nuclear translocation of PKC δ 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | RCCS Bioreactor-Based Modelled Microgravity Induces Significant Changes on <i>In Vitro</i> 3D Neuroglial Cell Cultures. <i>BioMed Research International</i> , 2015, 2015, 1-14. | 0.9 | 30 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Antioxidant Strategy to Prevent Simulated Microgravity-Induced Effects on Bone Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3638. | 1.8 | 21 |
| 28 | Paragangliomas arise through an autonomous vasculo-angio-neurogenic program inhibited by imatinib. <i>Acta Neuropathologica</i> , 2018, 135, 779-798. | 3.9 | 20 |
| 29 | 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 |
| 30 | Cardiomyocytes Derived from Human Cardiopoietic Amniotic Fluids. <i>Scientific Reports</i> , 2018, 8, 12028. | 1.6 | 18 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Rapid desensitization of PC12 cells stimulated with high concentrations of extracellular S100. <i>Neuroscience</i> , 1999, 89, 991-997. | 1.1 | 15 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Signal transduction events induced by extracellular guanosine 5 α -triphosphate in excitable cells. <i>Purinergic Signalling</i> , 2006, 2, 633-636. | 1.1 | 13 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Physiological Responses of Jurkat Lymphocytes to Simulated Microgravity Conditions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1892. | 1.8 | 12 |
| 45 | 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 |
| 46 | 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 |
| 47 | Calcium-mediated transductive systems and functionally active gap junctions in astrocyte-like GL15 cells. <i>BMC Physiology</i> , 2001, 1, 4. | 3.6 | 9 |
| 48 | N-CAM expression and localization in PC12 cells modulated by extracellular peptides. <i>Peptides</i> , 2002, 23, 2151-2161. | 1.2 | 9 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | Calcitonin-Induced Effects on Amniotic Fluid-Derived Mesenchymal Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 259-273. | 1.1 | 8 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | IgIII (270-280)-fragment-like H ₂ N-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 |
| 62 | The antiplatelet agent revacept prevents the increase of systemic thromboxane A ₂ biosynthesis and neointima hyperplasia. <i>Scientific Reports</i> , 2020, 10, 21420. | 1.6 | 4 |
| 63 | 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 |
| 64 | Mice lacking growth-associated protein 43 develop cardiac remodeling and hypertrophy. <i>Histochemistry and Cell Biology</i> , 2022, , 1. | 0.8 | 3 |
| 65 | 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 |
| 66 | 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 |