Margherita Maioli

List of Publications by Year
in descending order

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70 papers	2,371 citations	159585 30 h-index	214800 47 g-index
70 all docs	70 docs citations	70 times ranked	2769 citing authors

#	Article	IF	Citations
1	A New Nonenzymatic Method and Device to Obtain a Fat Tissue Derivative Highly Enriched in Pericyte-Like Elements by Mild Mechanical Forces from Human Lipoaspirates. Cell Transplantation, 2013, 22, 2063-2077.	2.5	259
2	Hyaluronan Mixed Esters of Butyric and Retinoic Acid Drive Cardiac and Endothelial Fate in Term Placenta Human Mesenchymal Stem Cells and Enhance Cardiac Repair in Infarcted Rat Hearts. Journal of Biological Chemistry, 2007, 282, 14243-14252.	3.4	152
3	Fibroblast Proliferation and Migration in Wound Healing by Phytochemicals: Evidence for a Novel Synergic Outcome. International Journal of Medical Sciences, 2020, 17, 1030-1042.	2.5	94
4	Subclinical hypothyroidism, lipid metabolism and cardiovascular disease. European Journal of Internal Medicine, 2017, 38, 17-24.	2.2	92
5	Opioid Peptide Gene Expression Primes Cardiogenesis in Embryonal Pluripotent Stem Cells. Circulation Research, 2000, 87, 189-194.	4.5	87
6	Turning on stem cell cardiogenesis with extremely low frequency magnetic fields. FASEB Journal, 2005, 19, 155-157.	0.5	81
7	Butyric and Retinoic Mixed Ester of Hyaluronan. Journal of Biological Chemistry, 2004, 279, 23574-23579.	3.4	72
8	Ferritin as a reporter gene for in vivo tracking of stem cells by 1.5-T cardiac MRI in a rat model of myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2238-H2250.	3.2	71
9	Radioelectric Asymmetric Conveyed Fields and Human Adipose-Derived Stem Cells Obtained with a Nonenzymatic Method and Device: A Novel Approach to Multipotency. Cell Transplantation, 2014, 23, 1489-1500.	2.5	70
10	Dynorphin B Is an Agonist of Nuclear Opioid Receptors Coupling Nuclear Protein Kinase C Activation to the Transcription of Cardiogenic Genes in GTR1 Embryonic Stem Cells. Circulation Research, 2003, 92, 623-629.	4.5	68
11	Radiofrequency Energy Loop Primes Cardiac, Neuronal, and Skeletal Muscle Differentiation in Mouse Embryonic Stem Cells: A New Tool for Improving Tissue Regeneration. Cell Transplantation, 2012, 21, 1225-1233.	2.5	66
12	Radio Electric Conveyed Fields Directly Reprogram Human Dermal Skin Fibroblasts toward Cardiac, Neuronal, and Skeletal Muscle-Like Lineages. Cell Transplantation, 2013, 22, 1227-1235.	2.5	66
13	Hyaluronan Mixed Esters of Butyric and Retinoic Acid Affording Myocardial Survival and Repair without Stem Cell Transplantation. Journal of Biological Chemistry, 2010, 285, 9949-9961.	3.4	58
14	Melatonin and Vitamin D Interfere with the Adipogenic Fate of Adipose-Derived Stem Cells. International Journal of Molecular Sciences, 2017, 18, 981.	4.1	55
15	Protein Kinase C Signaling Transduces Endorphin-Primed Cardiogenesis in GTR1 Embryonic Stem Cells. Circulation Research, 2003, 92, 617-622.	4.5	54
16	Nuclear Opioid Receptors Activate Opioid Peptide Gene Transcription in Isolated Myocardial Nuclei. Journal of Biological Chemistry, 1998, 273, 13383-13386.	3.4	46
17	Total Phenols from Grape Leaves Counteract Cell Proliferation and Modulate Apoptosis-Related Gene Expression in MCF-7 and HepG2 Human Cancer Cell Lines. Molecules, 2019, 24, 612.	3.8	43
18	Neurological morphofunctional differentiation induced by REAC technology in PC12. A neuro protective model for Parkinsonâ€™s disease. Scientific Reports, 2015, 5, 10439.	3.3	41

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19	Thyroid Hormones, Metabolic Syndrome and Its Components. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2017, 17, 56-62.	1.2	37
20	Regenerative treatment using a radioelectric asymmetric conveyor as a novel tool in antiaging medicine: an in vitro beta-galactosidase study. Clinical Interventions in Aging, 2012, 7, 191.	2.9	36
21	Anti-senescence efficacy of radio-electric asymmetric conveyer technology. Age, 2014, 36, 9-20.	3.0	36
22	REAC technology and hyaluron synthase 2, an interesting network to slow down stem cell senescence. Scientific Reports, 2016, 6, 28682.	3.3	36
23	Hyaluronan Esters Drive Smad Gene Expression and Signaling Enhancing Cardiogenesis in Mouse Embryonic and Human Mesenchymal Stem Cells. PLoS ONE, 2010, 5, e15151.	2.5	36
24	Elf-pulsed magnetic fields modulate opioid peptide gene expression in myocardial cells. Cardiovascular Research, 2000, 45, 1054-1064.	3.8	35
25	MiR200 and miR302: Two Big Families Influencing Stem Cell Behavior. Molecules, 2018, 23, 282.	3.8	35
26	Nanomaterials in Skin Regeneration and Rejuvenation. International Journal of Molecular Sciences, 2021, 22, 7095.	4.1	35
27	Osteogenesis from Dental Pulp Derived Stem Cells: A Novel Conditioned Medium Including Melatonin within a Mixture of Hyaluronic, Butyric, and Retinoic Acids. Stem Cells International, 2016, 2016, 1-8.	2.5	34
28	Antimicrobial Effect of Thymus capitatus and Citrus limon var. pompia as Raw Extracts and Nanovesicles. Pharmaceutics, 2019, 11, 234.	4.5	34
29	Synthesis of magnolol and honokiol derivatives and their effect against hepatocarcinoma cells. PLoS ONE, 2018, 13, e0192178.	2.5	32
30	Amniotic fluid stem cells morph into a cardiovascular lineage: analysis of a chemically induced cardiac and vascular commitment. Drug Design, Development and Therapy, 2013, 7, 1063.	4.3	31
31	Advances in stem cell therapy for amyotrophic lateral sclerosis. Expert Opinion on Biological Therapy, 2018, 18, 865-881.	3.1	30
32	Effects of regenerative radioelectric asymmetric conveyer treatment on human normal and osteoarthritic chondrocytes exposed to IL-1β. A biochemical and morphological study. Clinical Interventions in Aging, 2013, 8, 309.	2.9	28
33	Comparison of Oxidative Stress Effects on Senescence Patterning of Human Adult and Perinatal Tissue-Derived Stem Cells in Short and Long-term Cultures. International Journal of Medical Sciences, 2018, 15, 1486-1501.	2.5	28
34	Myrtus Polyphenols, from Antioxidants to Anti-Inflammatory Molecules: Exploring a Network Involving Cytochromes P450 and Vitamin D. Molecules, 2019, 24, 1515.	3.8	28
35	Direct-to-Consumer Nutrigenetics Testing: An Overview. Nutrients, 2020, 12, 566.	4.1	27
36	Melatonin and Vitamin D Orchestrate Adipose Derived Stem Cell Fate by Modulating Epigenetic Regulatory Genes. International Journal of Medical Sciences, 2018, 15, 1631-1639.	2.5	23

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37	Subclinical hypothyroidism and cardiovascular risk factors. Minerva Medica, 2020, 110, 530-545.	0.9	22
38	Lessons from human umbilical cord: gender differences in stem cells from Whartonâ€™s jelly. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2019, 234, 143-148.	1.1	18
39	Organ-specific antibodies in LADA patients for the prediction of insulin dependence. Endocrine Research, 2016, 41, 207-212.	1.2	17
40	Orchestrating stem cell fate: Novel tools for regenerative medicine. World Journal of Stem Cells, 2019, 11, 464-475.	2.8	17
41	Allelic variant in CTLA4 is associated with thyroid failure and faster Î² â€cell exhaustion in latent autoimmune diabetes in adults CTLA4 ç‰ä½å̈Ÿºå›å̃å¼‚ä¸Žæˆäººè¿Ÿå‘åž‹è‡ªèº«å…ç–«æ€§ç³–å°¿ç—…æ‚£è€…çš„ç”²çŠ¶è…ºåŠŸèƒ½è	1.8	16
42	Extracts from Myrtle Liqueur Processing Waste Modulate Stem Cells Pluripotency under Stressing Conditions. BioMed Research International, 2019, 2019, 1-12.	1.9	16
43	Role of miRNA-145, 148, and 185 and Stem Cells in Prostate Cancer. International Journal of Molecular Sciences, 2022, 23, 1626.	4.1	16
44	Mechanical Stimulation of Fibroblasts by Extracorporeal Shock Waves: Modulation of Cell Activation and Proliferation Through a Transient Proinflammatory Milieu. Cell Transplantation, 2020, 29, 096368972091617.	2.5	15
45	Epigenetics, Stem Cells, and Autophagy: Exploring a Path Involving miRNA. International Journal of Molecular Sciences, 2019, 20, 5091.	4.1	14
46	Tuning Adipogenic Differentiation in ADSCs by Metformin and Vitamin D: Involvement of miRNAs. International Journal of Molecular Sciences, 2020, 21, 6181.	4.1	11
47	Unravelling Cellular Mechanisms of Stem Cell Senescence: An Aid from Natural Bioactive Molecules. Biology, 2020, 9, 57.	2.8	11
48	Metformin and Vitamin D Modulate Inflammation and Autophagy during Adipose-Derived Stem Cell Differentiation. International Journal of Molecular Sciences, 2021, 22, 6686.	4.1	11
49	Smart Nanofibers with Natural Extracts Prevent Senescence Patterning in a Dynamic Cell Culture Model of Human Skin. Cells, 2020, 9, 2530.	4.1	10
50	Heparin inhibits phorbol ester-induced ornithine decarboxylase gene expression in endothelial cells. FEBS Letters, 1998, 423, 98-104.	2.8	9
51	Cytochalasin B Modulates Nanomechanical Patterning and Fate in Human Adipose-Derived Stem Cells. Cells, 2022, 11, 1629.	4.1	9
52	Heparin down-regulates the phorbol ester-induced protein kinase C gene expression in human endothelial cells: enzyme-mediated autoregulation of protein kinase C-Î± and -Î´ genes1. FEBS Letters, 1999, 449, 135-140.	2.8	8
53	Creating prodynorphin-expressing stem cells alerted for a high-throughput of cardiogenic commitment. Regenerative Medicine, 2007, 2, 193-202.	1.7	8
54	Activation and function of murine Cyclin T2A and Cyclin T2B during skeletal muscle differentiation. Journal of Cellular Biochemistry, 2013, 114, 728-734.	2.6	8

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55	Physical stimulation by REAC and BMP4/WNT-1 inhibitor synergistically enhance cardiogenic commitment in iPSCs. PLoS ONE, 2019, 14, e0211188.	2.5	8
56	REAC Non-invasive Neurobiological Stimulation for Mitigating the Impact of Internalizing Disorders in Autism Spectrum Disorder. Advances in Neurodevelopmental Disorders, 2021, 5, 446.	1.1	8
57	Behavioral Changes in Stem-Cell Potency by HepG2-Exhausted Medium. Cells, 2020, 9, 1890.	4.1	7
58	Effect of rhTSH on Lipids. Journal of Clinical Medicine, 2020, 9, 515.	2.4	7
59	Natural Compounds and PCL Nanofibers: A Novel Tool to Counteract Stem Cell Senescence. Cells, 2021, 10, 1415.	4.1	7
60	Role of Nano-miRNAs in Diagnostics and Therapeutics. International Journal of Molecular Sciences, 2022, 23, 6836.	4.1	7
61	Physical reparative treatment in reptiles. BMC Veterinary Research, 2013, 9, 39.	1.9	6
62	Radio Electric Asymmetric Conveyer (REAC) technology to obviate loss of T cell responsiveness under simulated microgravity. PLoS ONE, 2018, 13, e0200128.	2.5	5
63	Melatonin finely tunes proliferation and senescence in hematopoietic stem cells. European Journal of Cell Biology, 2022, 101, 151251.	3.6	5
64	miRNAs as Molecular Biomarkers for Prostate Cancer. Journal of Molecular Diagnostics, 2022, 24, 1171-1180.	2.8	5
65	Identifying a Role of Red and White Wine Extracts in Counteracting Skin Aging: Effects of Antioxidants on Fibroblast Behavior. Antioxidants, 2021, 10, 227.	5.1	4
66	Metformin and vitamin D modulate adipose-derived stem cell differentiation towards the beige phenotype. Adipocyte, 2022, 11, 356-365.	2.8	4
67	Intracrine Endorphinergic Systems in Modulation of Myocardial Differentiation. International Journal of Molecular Sciences, 2019, 20, 5175.	4.1	2
68	Adipose-Derived Stem Cell Features and MCF-7. Cells, 2021, 10, 1754.	4.1	2
69	Environmental Influences on Stem Cell Behavior. Stem Cells International, 2018, 2018, 1-2.	2.5	1
70	Myrtle-Functionalized Nanofibers Modulate Vaginal Cell Population Behavior While Counteracting Microbial Proliferation. Plants, 2022, 11, 1577.	3.5	1