

# Maurizio Sabbatini

## List of Publications by Year in descending order

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93  
papers

1,880  
citations

257450

24  
h-index

330143

37  
g-index

99  
all docs

99  
docs citations

99  
times ranked

2448  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro mechanical compression induces apoptosis and regulates cytokines release in hypertrophic scars. <i>Wound Repair and Regeneration</i> , 2003, 11, 331-336.	3.0	136
2	The hippocampus in spontaneously hypertensive rats: an animal model of vascular dementia?. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 547-559.	4.6	103
3	Astrocyte changes in aging cerebral cortex and hippocampus: A quantitative immunohistochemical study. , 1998, 43, 29-33.		92
4	The hippocampus in spontaneously hypertensive rats: a quantitative microanatomical study. <i>Neuroscience</i> , 2000, 100, 251-258.	2.3	91
5	Glial fibrillary acidic protein immunoreactive astrocytes in developing rat hippocampus. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 481-490.	4.6	74
6	Effect of Calcium Antagonists on Glomerular Arterioles in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2000, 35, 775-779.	2.7	68
7	Increased Expression of Glial Fibrillary Acidic Protein in the Brain of Spontaneously Hypertensive Rats. <i>Clinical and Experimental Hypertension</i> , 2004, 26, 335-350.	1.3	49
8	Hypertensive brain damage: comparative evaluation of protective effect of treatment with dihydropyridine derivatives in spontaneously hypertensive rats. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 2085-2105.	4.6	47
9	Age-related changes of glial fibrillary acidic protein immunoreactive astrocytes in the rat cerebellar cortex. <i>Mechanisms of Ageing and Development</i> , 1999, 108, 165-172.	4.6	42
10	Vascular and neuronal hypertensive brain damage: protective effect of treatment with nicardipine. <i>Journal of Hypertension</i> , 1996, 14, S29-S35.	0.5	39
11	Microanatomical changes of intracerebral arteries in spontaneously hypertensive rats: a model of cerebrovascular disease of the elderly. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1257-1268.	4.6	39
12	Near infrared low-level laser therapy and cell proliferation: The emerging role of redox sensitive signal transduction pathways. <i>Journal of Biophotonics</i> , 2018, 11, e201800025.	2.3	37
13	Age-related changes of dopamine receptors in the rat hippocampus: a light microscope autoradiography study. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 2071-2083.	4.6	36
14	Neurotrophins and Neurotrophin Receptors in Human Pulmonary Arteries. <i>Journal of Vascular Research</i> , 2000, 37, 355-363.	1.4	33
15	Effect of in vitro mechanical compression on Epilysin (matrix metalloproteinase-28) expression in hypertrophic scars. <i>Wound Repair and Regeneration</i> , 2005, 13, 255-261.	3.0	31
16	Dopamine receptor subtypes in the native human heart. <i>Heart and Vessels</i> , 2010, 25, 432-437.	1.2	31
17	Effect of growth factors on nuclear and mitochondrial ADP-ribosylation processes during astroglial cell development and aging in culture. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 511-520.	4.6	30
18	Analysis of Nerve Supply Pattern in Human Lymphatic Vessels of Young and Old Men. <i>Lymphatic Research and Biology</i> , 2012, 10, 189-197.	1.1	30

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19	The pattern of c-Fos immunoreactivity in the hindbrain of the rat following stomach distension. <i>Experimental Brain Research</i> , 2004, 157, 315-23.	1.5	29
20	Effect of long term treatment with the dihydropyridine-type calcium channel blocker darodipine (PY) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 78, 27-37.	4.6	26
21	Nicardipine and Treatment of Cerebrovascular Diseases with Particular Reference to Hypertension-Related Disorders. <i>Clinical and Experimental Hypertension</i> , 1995, 17, 719-750.	1.3	25
22	Dopamine receptor immunohistochemistry in the rat choroid plexus. <i>Autonomic and Autacoid Pharmacology</i> , 2000, 20, 325-332.	0.6	25
23	The Cerebral Cortex of Spontaneously Hypertensive Rats: A Quantitative Microanatomical Study. <i>Clinical and Experimental Hypertension</i> , 2004, 26, 287-303.	1.3	25
24	Activation of caspase-8 triggers anoikis in human neuroblastoma cells. <i>Neuroscience Research</i> , 2006, 56, 145-153.	1.9	25
25	Calbindin D-28k immunoreactivity in the rat cerebellar cortex: age-related changes. <i>Neuroscience Letters</i> , 1994, 178, 131-134.	2.1	24
26	Cell behaviour on phospholipids-coated surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 611-617.	3.6	23
27	3D Bioprinting of Gelatin-Xanthan Gum Composite Hydrogels for Growth of Human Skin Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 539.	4.1	22
28	Effects and differentiation activity of IGF-I, IGF-II, insulin and preptin on human primary bone cells. <i>Growth Factors</i> , 2013, 31, 57-65.	1.7	21
29	A study of the mechanical properties of ePTFE suture used as artificial mitral chordae. <i>Journal of Cardiac Surgery</i> , 2016, 31, 498-502.	0.7	21
30	Forebrain white matter in spontaneously hypertensive rats: a quantitative image analysis study. <i>Neuroscience Letters</i> , 1999, 265, 5-8.	2.1	20
31	Influence of treatment with Ca <sup>2+</sup> antagonists on cerebral vasculature of spontaneously hypertensive rats. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 795-809.	4.6	18
32	NEUROPROTECTIVE EFFECT OF TREATMENT WITH CALCIUM ANTAGONISTS ON HYPERTENSIVE RETINA. <i>Clinical and Experimental Hypertension</i> , 2002, 24, 727-740.	1.3	18
33	QUANTITATIVE IMAGE ANALYSIS OF CHOROID AND RETINAL VASCULATURE IN SHR: A MODEL OF CEREBROVASCULAR HYPERTENSIVE CHANGES?. <i>Clinical and Experimental Hypertension</i> , 2002, 24, 741-752.	1.3	17
34	Quantitative Image Analysis Study of the Cerebral Vasodilatory Activity of Nicardipine in Spontaneously Hypertensive Rats. <i>Clinical and Experimental Hypertension</i> , 1994, 16, 359-371.	1.3	16
35	Peripheral nerve vascular changes in spontaneously hypertensive rats. <i>Neuroscience Letters</i> , 1996, 217, 85-88.	2.1	16
36	NETosis in Wound Healing: When Enough Is Enough. <i>Cells</i> , 2021, 10, 494.	4.1	16

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37	Effects of Dihydropyridine-Type Ca <sup>2+</sup> Antagonists on the Renal Arterial Tree in Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 39, 39-48.	1.9	15
38	Effect of Treatment With Lercanidipine on Heart of Cohen-Rosenthal Diabetic Hypertensive Rats. <i>Hypertension</i> , 2003, 41, 1330-1335.	2.7	15
39	Intrinsic innervation and dopaminergic markers after experimental denervation in rat thymus. <i>European Journal of Histochemistry</i> , 2010, 54, 17.	1.5	15
40	Influence of neonatal treatment with the pyrethroid insecticide cypermethrin on the development of dopamine receptors in the rat kidney. <i>Mechanisms of Ageing and Development</i> , 1998, 103, 165-178.	4.6	14
41	Neuro-immune modulation of the thymus microenvironment (Review). <i>International Journal of Molecular Medicine</i> , 2014, 33, 1392-1400.	4.0	14
42	EFFECT OF ANTIHYPERTENSIVE TREATMENT ON PERIPHERAL NERVE VASCULATURE IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Hypertension</i> , 2001, 23, 157-166.	1.3	13
43	NEURONAL POPULATIONS OF RAT CEREBRAL CORTEX AND HIPPOCAMPUS EXPRESSED A HIGHER DENSITY OF L-TYPE Ca <sup>2+</sup> CHANNEL THAN CORRESPONDING CEREBRAL VESSELS. <i>Clinical and Experimental Hypertension</i> , 2002, 24, 715-726.	1.3	13
44	Cardiovascular effects and c-Fos expression in the rat hindbrain in response to innocuous stomach distension. <i>Brain Research Bulletin</i> , 2006, 69, 140-146.	3.0	13
45	Analysis of Nerve Supply Pattern in Thoracic Duct in Young and Elderly Men. <i>Lymphatic Research and Biology</i> , 2012, 10, 46-52.	1.1	13
46	EFFECT OF NICARDIPINE TREATMENT ON THE EXPRESSION OF NEUROFILAMENT 200 KDa IMMUNOREACTIVITY IN THE BRAIN OF SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Hypertension</i> , 2001, 23, 127-141.	1.3	12
47	Adhesion and differentiation of neuronal cells on Zn-doped bioactive glasses. <i>Journal of Biomaterials Applications</i> , 2014, 28, 708-718.	2.4	12
48	Prospective analysis of pain and pain management in an emergency department. <i>Acta Biomedica</i> , 2017, 88, 19-30.	0.3	12
49	Fluoroapatite glass-ceramic coating on alumina: Surface behavior with biological fluids. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 66A, 615-621.	4.0	11
50	Fibroblast apoptosis and caspase-8 activation in aseptic loosening. <i>Biomaterials</i> , 2003, 24, 3941-3946.	11.4	11
51	Effect of Different Dihydropyridine-type Ca <sup>2+</sup> Antagonists on Left Ventricle Hypertrophy and Coronary Changes in Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 544-552.	1.9	11
52	Neuropeptides of human thymus in normal and pathological conditions. <i>Peptides</i> , 2011, 32, 920-928.	2.4	11
53	Effect of retinoic acid and vitamin D3 on osteoblast differentiation and activity in aging. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 65-78.	2.7	11
54	A Randomized Trial to Assess the Contribution of a Novel Thorax Support Vest (Corset) in Preventing Mechanical Complications of Median Sternotomy. <i>Cardiology and Therapy</i> , 2017, 6, 41-51.	2.6	11

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55	Influence of age on L-type Ca <sup>2+</sup> channels in the pulmonary artery and vein of spontaneously hypertensive rats. <i>Mechanisms of Ageing and Development</i> , 2000, 120, 33-44.	4.6	10
56	Changes of retinal neurons and glial fibrillary acid protein immunoreactive astrocytes in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2001, 19, 1861-1869.	0.5	10
57	Dopamine D2-like receptors in the rat kidney: Effect of denervation. <i>European Journal of Pharmacology</i> , 1997, 334, 233-240.	3.5	9
58	PROTECTIVE EFFECT OF TREATMENT WITH NICARDIPINE ON CEREBROVASCULAR TREE OF SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Hypertension</i> , 2001, 23, 143-155.	1.3	9
59	Effect of 17- $\beta$ estradiol and epidermal growth factor on DNA and RNA labeling in astroglial cells during development, maturation and differentiation in culture. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1059-1072.	4.6	8
60	Alveolar bone regeneration in post-extraction socket: A review of materials to postpone dental implant. <i>Bio-Medical Materials and Engineering</i> , 2011, 21, 63-74.	0.6	8
61	Epiregulin induces human SK-N-BE cell differentiation through ERK1/2 signaling pathway. <i>Growth Factors</i> , 2013, 31, 90-97.	1.7	8
62	Simulated microgravity induces nuclear translocation of Bax and BCL-2 in glial cultured C6 cells. <i>Heliyon</i> , 2019, 5, e01798.	3.2	8
63	Muscarinic Cholinergic Receptors and Acetylcholinesterase Activity in Umbilical Artery and Vein in Pregnancy-Induced Hypertension (Pre-Eclampsia). <i>Clinical and Experimental Hypertension</i> , 1997, 19, 1205-1217.	1.3	7
64	Postnatal development of dopamine D1-like and D2-like receptors in the rat kidney: a radioligand binding study. <i>Mechanisms of Ageing and Development</i> , 1997, 95, 1-11.	4.6	7
65	Muscarinic cholinergic receptor subtypes expression by human placenta. <i>Neuroscience Letters</i> , 1997, 221, 208-212.	2.1	7
66	Overstressed Mechanical Stretching Activates Survival and Apoptotic Signals in Fibroblasts. <i>Cells Tissues Organs</i> , 2010, 192, 167-176.	2.3	7
67	Surface oxidation of UHMWPE for orthopedic use increases apoptosis and necrosis in human granulocytes. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 241-245.	3.6	6
68	Effects of Erythropoietin on Adipose Tissue. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e338.	0.6	6
69	Erythropoietin stimulation of human adipose tissue for therapeutic refilling releases protective cytokines. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141667127.	5.5	6
70	Translation, cross-cultural adaptation, reliability, and validation of the Italian version of the American Orthopaedic Foot and Ankle Society - MetaTarsoPhalangeal-InterPhalangeal Scale (AOFAS-MTP-IP) for the hallux. <i>Acta Biomedica</i> , 2019, 90, 118-126.	0.3	6
71	Verteporfin-Loaded Mesoporous Silica Nanoparticles™ Topical Applications Inhibit Mouse Melanoma Lymphangiogenesis and Micrometastasis In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13443.	4.1	6
72	Effect of lesions of the nucleus basalis magnocellularis and of treatment with posatirelin on cholinergic neurotransmission enzymes in the rat cerebral cortex. <i>Mechanisms of Ageing and Development</i> , 1998, 104, 183-194.	4.6	5

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73	NADPH-diaphorase histochemistry in the rat cerebral cortex and hippocampus: effect of electrolytic lesions of the nucleus basalis magnocellularis. <i>Mechanisms of Ageing and Development</i> , 1999, 107, 147-157.	4.6	5
74	Postnatal development of dopamine receptor expression in rat peripheral blood lymphocytes. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 491-498.	4.6	5
75	Signals of Apoptotic Pathways in Several Types of Meningioma. <i>Pathology and Oncology Research</i> , 2011, 17, 51-59.	1.9	5
76	Manipulating the healing response. , 2016, , 101-116.		5
77	Effect of treatment with the dihydropyridine-type calcium antagonist darodipine (PY 108-068) on the expression of neurofilament protein immunoreactivity in the cerebellar cortex of aged rats. <i>Mechanisms of Ageing and Development</i> , 1994, 75, 169-177.	4.6	4
78	Morphometric Quantification of Apoptotic Stages in Cell Culture. <i>Cells Tissues Organs</i> , 2004, 178, 139-145.	2.3	4
79	GABAA receptors expression pattern in rat brain following low pressure distension of the stomach. <i>Neuroscience</i> , 2008, 152, 449-458.	2.3	4
80	Different apoptosis modalities in periprosthetic membranes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 175-184.	4.0	4
81	PROTECTIVE EFFECT OF NICARDIPINE TREATMENT ON CEREBROVASCULAR MICRO ANATOMICAL CHANGES IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S331-S332.	1.9	3
82	Muscarinic thioligands with cyclopentane nucleus. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 2193-2199.	3.0	3
83	Use of Frozen Sections for the Pharmacological Characterization of Compounds Active on Neurotransmitter Receptors. <i>Clinical and Experimental Hypertension</i> , 1997, 19, 1023-1046.	1.3	3
84	Fourier Transform Infrared Spectroscopy Application to Vascular Biology: Comparative Analysis of Human Internal Mammary Artery and Saphenous Vein Wall. <i>Cells Tissues Organs</i> , 2003, 175, 186-191.	2.3	3
85	Pharmaco-epidemiological description of the population of the Marche Region (central Italy) treated with the antipsychotic drug olanzapine. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2013, 49, 42-9.	0.4	3
86	OCCUPANCY BY ORAL ADMINISTRATION OF NICARDIPINE OF L-TYPE CALCIUM CHANNELS IN RAT BRAIN. <i>Clinical and Experimental Hypertension</i> , 2001, 23, 117-125.	1.3	2
87	Translation, cross-cultural adaptation, reliability, and validation of the italian version of the Foot and Ankle Disability Index (FADI). <i>Acta Biomedica</i> , 2020, 91, 160-166.	0.3	2
88	PHARMACOLOGICAL CHARACTERIZATION AND AUTORADIOGRAPHIC LOCALIZATION OF DIHYDROPYRIDINE-TYPE CALCIUM CHANNELS IN THE KIDNEY OF SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S232-S233.	1.9	1
89	INFLUENCE OF LONG-TERM TREATMENT WITH THE DIHYDROPYRIDINE-TYPE CALCIUM ANTAGONIST NICARDIPINE ON RENAL MICROANATOMICAL CHANGES IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S333-S334.	1.9	0
90	Sulphatides in the Brain of Spontaneously Hypertensive Rats. <i>Clinical and Experimental Hypertension</i> , 1999, 21, 263-274.	1.3	0

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91	Ultrastructural Analysis of Nanoparticles and Ions Released in Periprosthetic Membranes. Journal of Applied Biomaterials and Functional Materials, 2014, 12, 210-217.	1.6	0
92	Politetrafluorene suture used as artificial mitral chord: mechanical properties and surgical implications. Journal of Cardiovascular Surgery, 2017, 58, 895-903.	0.6	0
93	Processing Adipose Tissue to Make it More Stable When Used for Refilling: A Morphologic and Immunohistochemistry Evaluation. Inquiry (United States), 2021, 58, 004695802110610.	0.9	0