

Maria Angela Sortino

List of Publications by Year in descending order

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54
papers

2,383
citations

186265

28
h-index

214800

47
g-index

55
all docs

55
docs citations

55
times ranked

3467
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased Astrocytic CCL2 Accounts for BAF-312 Effect on PBMCs Transendothelial Migration Through a Blood Brain Barrier in Vitro Model. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 427-436.	4.1	7
2	Sphingosine-1-phosphate and Sphingosine-1-phosphate receptors in the cardiovascular system: pharmacology and clinical implications. <i>Advances in Pharmacology</i> , 2022, , 95-139.	2.0	3
3	Microglial polarization differentially affects neuronal vulnerability to the β -amyloid protein: Modulation by melatonin. <i>Biochemical Pharmacology</i> , 2022, 202, 115151.	4.4	4
4	Inverse correlation between the expression of AMPK/SIRT1 and NAMPT in psoriatic skin: A pilot study. <i>Advances in Medical Sciences</i> , 2022, 67, 262-268.	2.1	4
5	Protective effect of the sphingosine-1 phosphate receptor agonist siponimod on disrupted blood brain barrier function. <i>Biochemical Pharmacology</i> , 2021, 186, 114465.	4.4	20
6	SIRT1-Dependent Upregulation of BDNF in Human Microglia Challenged with $A\beta$: An Early but Transient Response Rescued by Melatonin. <i>Biomedicines</i> , 2021, 9, 466.	3.2	16
7	Reciprocal Interplay Between Astrocytes and CD4+ Cells Affects Blood-Brain Barrier and Neuronal Function in Response to β Amyloid. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 120.	2.9	12
8	SIRT1 Mediates Melatonin's Effects on Microglial Activation in Hypoxia: In Vitro and In Vivo Evidence. <i>Biomolecules</i> , 2020, 10, 364.	4.0	24
9	The Treatment of Impaired Wound Healing in Diabetes: Looking among Old Drugs. <i>Pharmaceuticals</i> , 2020, 13, 60.	3.8	180
10	β -amyloid and Oxidative Stress: Perspectives in Drug Development. <i>Current Pharmaceutical Design</i> , 2020, 25, 4771-4781.	1.9	37
11	The Ambiguous Role of Microglia in $A\beta$ Toxicity: Chances for Therapeutic Intervention. <i>Current Neuropharmacology</i> , 2020, 18, 446-455.	2.9	16
12	Early compensatory responses against neuronal injury: A new therapeutic window of opportunity for Alzheimer's Disease?. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 5-13.	3.9	43
13	Astrocytes Modify Migration of PBMCs Induced by β -Amyloid in a Blood-Brain Barrier in vitro Model. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 337.	3.7	15
14	Rescue of Noradrenergic System as a Novel Pharmacological Strategy in the Treatment of Chronic Pain: Focus on Microglia Activation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1024.	3.5	28
15	Carnosine Prevents $A\beta$ -Induced Oxidative Stress and Inflammation in Microglial Cells: A Key Role of TGF- β 1. <i>Cells</i> , 2019, 8, 64.	4.1	87
16	Astrocyte-Derived Paracrine Signals: Relevance for Neurogenic Niche Regulation and Blood-Brain Barrier Integrity. <i>Frontiers in Pharmacology</i> , 2019, 10, 1346.	3.5	55
17	Gene expression, proteome and calcium signaling alterations in immortalized hippocampal astrocytes from an Alzheimer's disease mouse model. <i>Cell Death and Disease</i> , 2019, 10, 24.	6.3	30
18	Neurobiological links between depression and AD: The role of TGF- β 1 signaling as a new pharmacological target. <i>Pharmacological Research</i> , 2018, 130, 374-384.	7.1	126

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19	Metabotropic Glutamate Receptors in Glial Cells: A New Potential Target for Neuroprotection?. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 414.	2.9	79
20	The contribution of microglia to early synaptic compensatory responses that precede β -amyloid-induced neuronal death. <i>Scientific Reports</i> , 2018, 8, 7297.	3.3	22
21	Purinergic P2Y1 Receptors Control Rapid Expression of Plasma Membrane Processes in Hippocampal Astrocytes. <i>Molecular Neurobiology</i> , 2017, 54, 4081-4093.	4.0	7
22	Astrocytes contribute to $A\beta$ -induced blood-brain barrier damage through activation of endothelial MMP-9. <i>Journal of Neurochemistry</i> , 2017, 142, 464-477.	3.9	60
23	Estrogen and Alzheimer's disease: Still an attractive topic despite disappointment from early clinical results. <i>European Journal of Pharmacology</i> , 2017, 817, 51-58.	3.5	74
24	Polycystic Ovary Syndrome: Insights into the Therapeutic Approach with Inositols. <i>Frontiers in Pharmacology</i> , 2017, 8, 341.	3.5	35
25	Shedding of Microvesicles from Microglia Contributes to the Effects Induced by Metabotropic Glutamate Receptor 5 Activation on Neuronal Death. <i>Frontiers in Pharmacology</i> , 2017, 8, 812.	3.5	22
26	Fluoxetine Prevents $A\beta$ -Induced Toxicity via a Paracrine Signaling Mediated by Transforming-Growth-Factor- β 1. <i>Frontiers in Pharmacology</i> , 2016, 7, 389.	3.5	42
27	Early β -Amyloid-induced Synaptic Dysfunction Is Counteracted by Estrogen in Organotypic Hippocampal Cultures. <i>Current Alzheimer Research</i> , 2016, 13, 631-640.	1.4	10
28	Glial metabotropic glutamate receptor-4 increases maturation and survival of oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2015, 8, 462.	3.7	18
29	High mobility group box 1 contributes to wound healing induced by inhibition of dipeptidylpeptidase 4 in cultured keratinocytes. <i>Frontiers in Pharmacology</i> , 2015, 6, 126.	3.5	26
30	Identification of 5-Methoxyflavone as a Novel DNA Polymerase-Beta Inhibitor and Neuroprotective Agent against Beta-Amyloid Toxicity. <i>Journal of Natural Products</i> , 2015, 78, 2704-2711.	3.0	21
31	Linagliptin: A thorough Characterization beyond Its Clinical Efficacy. <i>Frontiers in Endocrinology</i> , 2013, 4, 16.	3.5	22
32	Dual Effect of 17β -Estradiol on NMDA-Induced Neuronal Death: Involvement of Metabotropic Glutamate Receptor 1. <i>Endocrinology</i> , 2012, 153, 5940-5948.	2.8	9
33	Estrogen Receptors and Type 1 Metabotropic Glutamate Receptors Are Interdependent in Protecting Cortical Neurons against β -Amyloid Toxicity. <i>Molecular Pharmacology</i> , 2012, 81, 12-20.	2.3	31
34	Estrogen activates matrix metalloproteinases-2 and -9 to increase beta amyloid degradation. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 423-429.	2.2	68
35	Dysfunction of TGF- β 1 signaling in Alzheimer's disease: perspectives for neuroprotection. <i>Cell and Tissue Research</i> , 2012, 347, 291-301.	2.9	96
36	Distinct effects of pramipexole on the proliferation of adult mouse sub-ventricular zone-derived cells and the appearance of a neuronal phenotype. <i>Neuropharmacology</i> , 2011, 60, 892-900.	4.1	23

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37	Targeting Group II Metabotropic Glutamate (mGlu) Receptors for the Treatment of Psychosis Associated with Alzheimer's Disease: Selective Activation of mGlu2 Receptors Amplifies β -Amyloid Toxicity in Cultured Neurons, Whereas Dual Activation of mGlu2 and mGlu3 Receptors Is Neuroprotective. <i>Molecular Pharmacology</i> , 2011, 79, 618-626.	2.3	111
38	Alzheimer's disease: brain expression of a metabolic disorder?. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 537-544.	7.1	39
39	Differential involvement of estrogen receptor α and estrogen receptor β in the healing promoting effect of estrogen in human keratinocytes. <i>Journal of Endocrinology</i> , 2009, 200, 189-197.	2.6	45
40	Enhanced expression of ER α in astrocytes modifies the response of cortical neurons to β -amyloid toxicity. <i>Neurobiology of Disease</i> , 2009, 33, 415-421.	4.4	21
41	Integrins mediate β -amyloid-induced cell cycle activation and neuronal death. <i>Journal of Neuroscience Research</i> , 2008, 86, 350-355.	2.9	36
42	TGF- β 1 targets the GSK-3 β / β -catenin pathway via ERK activation in the transition of human lung fibroblasts into myofibroblasts. <i>Pharmacological Research</i> , 2008, 57, 274-282.	7.1	180
43	DNA Polymerase-beta Is Expressed Early in Neurons of Alzheimer's Disease Brain and Is Loaded into DNA Replication Forks in Neurons Challenged with beta-Amyloid. <i>Journal of Neuroscience</i> , 2006, 26, 10949-10957.	3.6	76
44	Nicergoline, a drug used for age-dependent cognitive impairment, protects cultured neurons against β -amyloid toxicity. <i>Brain Research</i> , 2005, 1047, 30-37.	2.2	29
45	A major role for astrocytes in the neuroprotective effect of estrogen. <i>Drug Development Research</i> , 2005, 66, 126-135.	2.9	6
46	17 β -estradiol rescues spinal motoneurons from AMPA-induced toxicity: A role for glial cells. <i>Neurobiology of Disease</i> , 2005, 20, 461-470.	4.4	47
47	β -Amyloid-Activated Cell Cycle in SH-SY5Y Neuroblastoma Cells: Correlation with the MAP Kinase Pathway. <i>Journal of Molecular Neuroscience</i> , 2004, 22, 231-236.	2.3	27
48	Effects of phenformin on the proliferation of human tumor cell lines. <i>Life Sciences</i> , 2003, 74, 643-650.	4.3	35
49	Differential Expression of Estrogen Receptors Alpha and Beta in the Spinal Cord during Postnatal Development: Localization in Glial Cells. <i>Neuroendocrinology</i> , 2003, 77, 334-340.	2.5	59
50	Erratic expression of DNA polymerases by β -amyloid causes neuronal death. <i>FASEB Journal</i> , 2002, 16, 2006-2008.	0.5	55
51	β -Amyloid-Induced Synthesis of the Ganglioside Gd3 Is a Requisite for Cell Cycle Reactivation and Apoptosis in Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 3963-3968.	3.6	89
52	Normal Human Lung Fibroblasts Differently Modulate Interleukin-10 and Interleukin-12 Production by Monocytes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 592-599.	2.9	36
53	Different Expression of TNF- α Receptors and Prostaglandin E ₂ Production in Normal and Fibrotic Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 22, 628-634.	2.9	89
54	Neuroprotective effects of nicergoline in immortalized neurons. <i>European Journal of Pharmacology</i> , 1999, 368, 285-290.	3.5	17