

Maurizio Memo

List of Publications by Year
in descending order

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195
papers

7,552
citations

50276

46
h-index

74163

75
g-index

198
all docs

198
docs citations

198
times ranked

10003
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease-specific phenotypes in dopamine neurons from human iPSC-based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012, 4, 380-395.	6.9	501
2	Cannabis sativa: A comprehensive ethnopharmacological review of a medicinal plant with a long history. <i>Journal of Ethnopharmacology</i> , 2018, 227, 300-315.	4.1	378
3	Activation of cell-cycle-associated proteins in neuronal death: a mandatory or dispensable path?. <i>Trends in Neurosciences</i> , 2001, 24, 25-31.	8.6	217
4	Zebrafish Larvae as a Behavioral Model in Neuropharmacology. <i>Biomedicines</i> , 2019, 7, 23.	3.2	207
5	Nuclear factor- κ B/Rel proteins. <i>Biochemical Pharmacology</i> , 1999, 57, 1-7.	4.4	174
6	Redox proteomics identification of 4-hydroxynonenal-modified brain proteins in Alzheimer's disease: Role of lipid peroxidation in Alzheimer's disease pathogenesis. <i>Proteomics - Clinical Applications</i> , 2009, 3, 682-693.	1.6	172
7	Interleukin-1 β and Glutamate Activate the NF- κ B/Rel Binding Site from the Regulatory Region of the Amyloid Precursor Protein Gene in Primary Neuronal Cultures. <i>Journal of Biological Chemistry</i> , 1996, 271, 15002-15007.	3.4	137
8	Impaired Adult Neurogenesis Associated with Short-Term Memory Defects in NF- κ B p50-Deficient Mice. <i>Journal of Neuroscience</i> , 2008, 28, 3911-3919.	3.6	126
9	Metabotropic glutamate receptor mRNA expression in rat spinal cord. <i>NeuroReport</i> , 1997, 8, 2695-2699.	1.2	109
10	Possible role of NF- κ B and p53 in the glutamate-induced pro-apoptotic neuronal pathway. <i>Cell Death and Differentiation</i> , 1999, 6, 22-27.	11.2	108
11	Elevated levels of pro-apoptotic p53 and its oxidative modification by the lipid peroxidation product, HNE, in brain from subjects with amnesic mild cognitive impairment and Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 987-994.	3.6	98
12	Induction of tumour-suppressor phosphoprotein p53 in the apoptosis of cultured rat cerebellar neurones triggered by excitatory amino acids. <i>European Journal of Neuroscience</i> , 1998, 10, 246-254.	2.6	97
13	Loss of phospholipid asymmetry and elevated brain apoptotic protein levels in subjects with amnesic mild cognitive impairment and Alzheimer disease. <i>Neurobiology of Disease</i> , 2008, 29, 456-464.	4.4	97
14	Attenuation of Excitatory Amino Acid Toxicity by Metabotropic Glutamate Receptor Agonists and Aniracetam in Primary Cultures of Cerebellar Granule Cells. <i>Journal of Neurochemistry</i> , 1993, 61, 683-689.	3.9	96
15	Cannabidiol: Recent advances and new insights for neuropsychiatric disorders treatment. <i>Life Sciences</i> , 2019, 224, 120-127.	4.3	95
16	Distinct Developmental Patterns of Expression of Rat α 1, α 5, α 2S, and α 2L-Aminobutyric Acid Receptor Subunit mRNAs In Vivo and In Vitro. <i>Journal of Neurochemistry</i> , 1992, 59, 62-72.	3.9	93
17	Zeolite Clinoptilolite: Therapeutic Virtues of an Ancient Mineral. <i>Molecules</i> , 2019, 24, 1517.	3.8	92
18	mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. <i>Neuroscience Research</i> , 1997, 28, 49-57.	1.9	90

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19	Identification and Characterization of a β /Rel Binding Site in the Regulatory Region of the Amyloid Precursor Protein Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 26774-26777.	3.4	88
20	p53 at the crossroads between cancer and neurodegeneration. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1727-1733.	2.9	84
21	Cannabimimetic plants: are they new cannabinoidergic modulators?. <i>Planta</i> , 2019, 249, 1681-1694.	3.2	81
22	D2 dopamine receptors associated with inhibition of dopamine release from rat neostriatum are independent of cyclic AMP. <i>Neuroscience Letters</i> , 1986, 71, 192-196.	2.1	79
23	Why do centenarians escape or postpone cancer? The role of IGF-1, inflammation and p53. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1909-1917.	4.2	79
24	Glutathionylation of the Pro-apoptotic Protein p53 in Alzheimer's Disease Brain: Implications for AD Pathogenesis. <i>Neurochemical Research</i> , 2009, 34, 727-733.	3.3	72
25	Nutrition and AGE-ing: Focusing on Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	71
26	Selective impairment of p53-mediated cell death in fibroblasts from sporadic Alzheimer's disease patients. <i>Journal of Cell Science</i> , 2002, 115, 3131-3138.	2.0	70
27	Dopamine D2, D3, and D4 receptor mRNA levels in rat brain and pituitary during aging. <i>Neurobiology of Aging</i> , 1994, 15, 713-719.	3.1	68
28	Activation of Multiple Metabotropic Glutamate Receptor Subtypes Prevents NMDA-induced Excitotoxicity in Rat Hippocampal Slices. <i>European Journal of Neuroscience</i> , 1996, 8, 1516-1521.	2.6	68
29	Effects of oxidative and nitrosative stress in brain on p53 proapoptotic protein in amnesic mild cognitive impairment and Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2008, 45, 81-85.	2.9	62
30	Identification of α -Adrenergic Receptor Binding Sites in Rat Brain Micro vessels, Using [125I]Iodohydroxybenzylpindolol. <i>Journal of Neurochemistry</i> , 1981, 36, 1383-1388.	3.9	61
31	Epidermal Growth Factor Induces the Functional Expression of Dopamine Receptors in the GH3 Cell Line*. <i>Endocrinology</i> , 1991, 128, 13-20.	2.8	61
32	GPNMB/OA protein increases the invasiveness of human metastatic prostate cancer cell lines DU145 and PC3 through MMP-2 and MMP-9 activity. <i>Experimental Cell Research</i> , 2014, 323, 100-111.	2.6	61
33	Conformational Altered p53 as an Early Marker of Oxidative Stress in Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e29789.	2.5	59
34	Repeated reserpine administration up-regulates the transduction mechanisms of D1 receptors without changing the density of [3H]SCH 23390 binding. <i>Brain Research</i> , 1989, 483, 117-122.	2.2	58
35	Hearing loss and cognitive decline in older adults: questions and answers. <i>Aging Clinical and Experimental Research</i> , 2014, 26, 567-573.	2.9	58
36	Identification of a mutant-like conformation of p53 in fibroblasts from sporadic Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2006, 27, 1193-1201.	3.1	57

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37	Mitochondria-targeted antioxidant effects of S(-) and R(+) pramipexole. BMC Pharmacology, 2010, 10, 2.	0.4	56
38	Clinical potentials of human pluripotent stem cells. Cell Biology and Toxicology, 2017, 33, 351-360.	5.3	55
39	Selective impairment of p53-mediated cell death in fibroblasts from sporadic Alzheimer's disease patients. Journal of Cell Science, 2002, 115, 3131-8.	2.0	55
40	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanollic Phyto-Extracts of Artemisia annua L. Biomolecules, 2021, 11, 975.	4.0	54
41	Follow-up after gastrectomy for cancer: the Charter Scaligero Consensus Conference. Gastric Cancer, 2016, 19, 15-20.	5.3	51
42	Homeodomain Interacting Protein Kinase 2: A Target for Alzheimer's Beta Amyloid Leading to Misfolded p53 and Inappropriate Cell Survival. PLoS ONE, 2010, 5, e10171.	2.5	50
43	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. Cardiovascular Research, 2020, 116, 1147-1160.	3.8	50
44	Characterization of Dopamine Receptors Associated with Aldosterone Secretion in Rat Adrenal Glomerulosa*. Endocrinology, 1986, 119, 2227-2232.	2.8	48
45	Characterization of tau proteins in human neuroblastoma SH-SY5Y cell line. Neuroscience Letters, 1997, 235, 149-153.	2.1	48
46	Physiological levels of amyloid peptides stimulate the angiogenic response through FGFâ€². FASEB Journal, 2004, 18, 1943-1945.	0.5	48
47	Unfolded p53: A Potential Biomarker for Alzheimer's Disease. Journal of Alzheimer's Disease, 2007, 12, 93-99.	2.6	48
48	Gamma-oryzanol Prevents LPS-induced Brain Inflammation and Cognitive Impairment in Adult Mice. Nutrients, 2019, 11, 728.	4.1	48
49	Lewy-body dementia and responsiveness to cholinesterase inhibitors: a paradigm for heterogeneity of Alzheimer's disease?. Trends in Pharmacological Sciences, 1996, 17, 155-160.	8.7	47
50	Nuclear Factor Î²B-Dependent Neurite Remodeling Is Mediated by Notch Pathway. Journal of Neuroscience, 2011, 31, 11697-11705.	3.6	47
51	Using iPS Cells toward the Understanding of Parkinsonâ€™s Disease. Journal of Clinical Medicine, 2015, 4, 548-566.	2.4	47
52	Identification and Characterization of Postsynaptic D1- and D2-Dopamine Receptors in the Cardiovascular System. Journal of Cardiovascular Pharmacology, 1988, 11, 643-650.	1.9	45
53	TRAIL is expressed in the brain cells of Alzheimerâ€™s disease patients. NeuroReport, 2004, 15, 579-581.	1.2	45
54	Protective Effects of Gynostemma pentaphyllum (var. Ginpent) against Lipopolysaccharide-Induced Inflammation and Motor Alteration in Mice. Molecules, 2021, 26, 570.	3.8	45

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55	Targeting Notch pathway induces growth inhibition and differentiation of neuroblastoma cells. <i>Neuro-Oncology</i> , 2010, 12, 1231-1243.	1.2	44
56	Pergolide protects SH-SY5Y cells against neurodegeneration induced by H ₂ O ₂ . <i>European Journal of Pharmacology</i> , 2002, 434, 17-20.	3.5	43
57	TorsinA negatively controls neurite outgrowth of SH-SY5Y human neuronal cell line. <i>Brain Research</i> , 2004, 1012, 75-81.	2.2	43
58	Down-regulation of coxsy, the gene associated with NBIA-VI, reduces Bmp signaling, perturbs dorso-ventral patterning and alters neuronal development in zebrafish. <i>Scientific Reports</i> , 2016, 6, 37660.	3.3	42
59	Various Ca ²⁺ entry blockers prevent glutamate-induced neurotoxicity. <i>European Journal of Pharmacology</i> , 1991, 209, 169-173.	3.5	41
60	Lipid rafts are primary mediators of amyloid oxidative attack on plasma membrane. <i>Journal of Molecular Medicine</i> , 2010, 88, 597-608.	3.9	41
61	Cannabinoids in health and disease: pharmacological potential in metabolic syndrome and neuroinflammation. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 36, .	0.7	40
62	Repeated administration of (âˆ“) sulpiride and SCH 23390 differentially up-regulate D-1 and D-2 dopamine receptor function in rat mesostriatal areas but not in cortical-limbic brain regions. <i>European Journal of Pharmacology</i> , 1987, 138, 45-51.	3.5	39
63	High Prevalence of Radiological Vertebral Fractures in Women on Thyroid-Stimulating Hormoneâ€™Suppressive Therapy for Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 956-964.	3.6	39
64	Insight into the LFA-1/SARS-CoV-2 Orf7a Complex by Proteinâ€™Protein Docking, Molecular Dynamics, and MM-GBSA Calculations. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 2780-2787.	5.4	39
65	Alzheimer's disease linking neurodegeneration with neurodevelopment. <i>Functional Neurology</i> , 2003, 18, 145-8.	1.3	38
66	Generation of reactive oxygen species by beta amyloid fibrils and oligomers involves different intra/extracellular pathways. <i>Amino Acids</i> , 2010, 38, 1101-1106.	2.7	37
67	Acute scopolamine treatment decreases dopamine metabolism in rat hippocampus and frontal cortex. <i>European Journal of Pharmacology</i> , 1988, 149, 367-370.	3.5	36
68	Blockade of the Tumor Necrosis Factor-Related Apoptosis Inducing Ligand Death Receptor DR5 Prevents Î²-Amyloid Neurotoxicity. <i>Neuropsychopharmacology</i> , 2007, 32, 872-880.	5.4	36
69	Behavioral abnormalities in the Fmr1â€™KO mouse model of fragile X syndrome: The relevance of early life phases. <i>Autism Research</i> , 2017, 10, 1584-1596.	3.8	36
70	Cardiac disease modeling using induced pluripotent stem cell-derived human cardiomyocytes. <i>World Journal of Stem Cells</i> , 2015, 7, 329.	2.8	35
71	Impact of COVID-19 on Alzheimerâ€™s Disease Risk: Viewpoint for Research Action. <i>Healthcare (Switzerland)</i> , 2020, 8, 286.	2.0	35
72	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1726-1739.	3.5	35

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73	Reversal of glutamate excitotoxicity by activation of PKC-associated metabotropic glutamate receptors in cerebellar granule cells relies on NR2C subunit expression. <i>European Journal of Neuroscience</i> , 1999, 11, 2489-2496.	2.6	34
74	Zebrafish Embryo as an In Vivo Model for Behavioral and Pharmacological Characterization of Methylxanthine Drugs. <i>International Journal of Molecular Sciences</i> , 2017, 18, 596.	4.1	34
75	Comparison of Extracellular and Intracellular Blood Compartments Highlights Redox Alterations in Alzheimer's and Mild Cognitive Impairment Patients. <i>Current Alzheimer Research</i> , 2016, 14, 112-122.	1.4	33
76	Cortical Structure Alterations and Social Behavior Impairment in p50-Deficient Mice. <i>Cerebral Cortex</i> , 2016, 26, 2832-2849.	2.9	33
77	Importance and Difficulties in the Use of Chiroptical Methods to Assign the Absolute Configuration of Natural Products: The Case of Phytotoxic Pyrones and Furanones Produced by <i>Diplodia corticola</i> . <i>Journal of Natural Products</i> , 2017, 80, 2406-2415.	3.0	33
78	Conformationally Altered p53: A Putative Peripheral Marker for Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2008, 5, 209-211.	1.4	32
79	Contribution of NF- κ B and p53 in the glutamate-induced apoptosis. <i>International Journal of Developmental Neuroscience</i> , 2000, 18, 447-454.	1.6	31
80	Unfolded p53 in Blood as a Predictive Signature of the Transition from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 97-104.	2.6	31
81	Antisecretory and Antitumor Activity of Abiraterone Acetate in Human Adrenocortical Cancer: A Preclinical Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4594-4602.	3.6	31
82	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbic cortical areas. II. Dorsal hippocampus. <i>Neuroscience Letters</i> , 1988, 87, 253-258.	2.1	30
83	Dietary zeolite supplementation reduces oxidative damage and plaque generation in the brain of an Alzheimer's disease mouse model. <i>Life Sciences</i> , 2013, 92, 903-910.	4.3	30
84	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015, 29, 285-300.	4.6	30
85	p53 is dispensable for apoptosis but controls neurogenesis of mouse dentate gyrus cells following 13 Irradiation. <i>Molecular Brain Research</i> , 2001, 93, 81-89.	2.3	29
86	Involvement of DNA damage and repair systems in neurodegenerative process. <i>Toxicology Letters</i> , 2003, 139, 99-105.	0.8	29
87	Enhanced Synergistic Enhancement of Plasmon-Free Raman Scattering and Mass Spectrometry for Multimodal Analysis of Small Molecules. <i>Scientific Reports</i> , 2016, 6, 34521.	3.3	29
88	DMT1 Expression and Iron Levels at the Crossroads Between Aging and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 575.	2.8	29
89	Notch signalling in adult neurons: a potential target for microtubule stabilization. <i>Therapeutic Advances in Neurological Disorders</i> , 2013, 6, 375-385.	3.5	28
90	The role of chirality in a set of key intermediates of pharmaceutical interest, 3-aryl-substituted- 13 -butyrolactones, evidenced by chiral HPLC separation and by chiroptical spectroscopies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 41-51.	2.8	28

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91	Potential Role of Microtubule Stabilizing Agents in Neurodevelopmental Disorders. International Journal of Molecular Sciences, 2017, 18, 1627.	4.1	28
92	Palbociclib inhibits proliferation of human adrenocortical tumor cells. Endocrine, 2018, 59, 213-217.	2.3	28
93	Î³-Oryzanol Improves Cognitive Function and Modulates Hippocampal Proteome in Mice. Nutrients, 2019, 11, 753.	4.1	26
94	The pleiotropic role of p53 in functional/dysfunctional neurons: focus on pathogenesis and diagnosis of Alzheimer's disease. Alzheimer's Research and Therapy, 2020, 12, 160.	6.2	26
95	Neuroprotective effect of thyrotropin-releasing hormone against excitatory amino acid-induced cell death in hippocampal slices. European Journal of Pharmacology, 1999, 370, 133-137.	3.5	25
96	Specific profile of ultrasonic communication in a mouse model of neurodevelopmental disorders. Scientific Reports, 2019, 9, 15912.	3.3	25
97	Evidence for the presence of D1 and D2 dopamine receptors in the rat adrenal cortex. European Journal of Pharmacology, 1985, 109, 315-316.	3.5	23
98	Induction of Two DNA Mismatch Repair Proteins, MSH2 and MSH6, in Differentiated Human Neuroblastoma SH-SY5Y Cells. Journal of Neurochemistry, 2008, 72, 974-979.	3.9	23
99	Stimulation of dopamine D-2 receptors increases potassium permeability in mammothrophs. European Journal of Pharmacology, 1987, 139, 361-362.	3.5	22
100	Inhibition of Glutamate-induced Neurotoxicity by a Tau Antisense Oligonucleotide in Primary Culture of Rat Cerebellar Granule Cells. European Journal of Neuroscience, 1995, 7, 1603-1613.	2.6	22
101	Alzheimer's disease: new diagnostic and therapeutic tools. Immunity and Ageing, 2008, 5, 7.	4.2	22
102	Notch activation induces neurite remodeling and functional modifications in SH-SY5Y neuronal cells. Developmental Neurobiology, 2009, 69, 378-391.	3.0	22
103	Functional characterization of epithelial ovarian cancer histotypes by drug target based protein signaling activation mapping: Implications for personalized cancer therapy. Proteomics, 2015, 15, 365-373.	2.2	22
104	Redox Homeostasis and Natural Dietary Compounds: Focusing on Antioxidants of Rice (Oryza sativa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.1	22
105	In vitro antitumor activity of progesterone in human adrenocortical carcinoma. Endocrine, 2019, 63, 592-601.	2.3	21
106	A Tau antisense oligonucleotide decreases neurone sensitivity to excitotoxic injury. NeuroReport, 1993, 4, 823-826.	1.2	20
107	Opposing regulation of amyloid precursor protein by ionotropic and metabotropic glutamate receptors. NeuroReport, 1995, 6, 1317-1321.	1.2	20
108	Zyxin is a novel target for beta-amyloid peptide: characterization of its role in Alzheimer's pathogenesis. Journal of Neurochemistry, 2013, 125, 790-799.	3.9	20

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109	Ferrous Iron Up-regulation in Fibroblasts of Patients with Beta Propeller Protein-Associated Neurodegeneration (BPAN). <i>Frontiers in Genetics</i> , 2017, 8, 18.	2.3	20
110	Protein nitration profile of CD3+ lymphocytes from Alzheimer disease patients: Novel hints on immunosenescence and biomarker detection. <i>Free Radical Biology and Medicine</i> , 2018, 129, 430-439.	2.9	20
111	A computational approach to drug repurposing against SARS-CoV-2 RNA dependent RNA polymerase (RdRp). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-8.	3.5	20
112	Ultrasonic vocalizations in mice: relevance for ethologic and neurodevelopmental disorders studies. <i>Neural Regeneration Research</i> , 2021, 16, 1158.	3.0	20
113	Epithelial Cells of Different Organs Exhibit Distinct Patterns of p53-Dependent and p53-Independent Apoptosis Following DNA Insult. <i>Experimental Cell Research</i> , 1999, 252, 123-133.	2.6	19
114	Computational and experimental insights on the interaction of artemisinin, dihydroartemisinin and chloroquine with SARS-CoV-2 spike protein receptor-binding domain (RBD). <i>Natural Product Research</i> , 2022, 36, 5358-5363.	1.8	19
115	A Conformation Variant of p53 Combined with Machine Learning Identifies Alzheimer Disease in Preclinical and Prodromal Stages. <i>Journal of Personalized Medicine</i> , 2021, 11, 14.	2.5	19
116	Nerve Growth Factor Restores p53 Function in Pituitary Tumor Cell Lines via trkA-Mediated Activation of Phosphatidylinositol 3-Kinase. <i>Molecular Endocrinology</i> , 2004, 18, 162-172.	3.7	18
117	Preservation of DNA integrity and neuronal degeneration. <i>Brain Research Reviews</i> , 2005, 48, 347-351.	9.0	18
118	Wireless Point-of-Care Platform With Screen-Printed Sensors for Biomarkers Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017, 66, 2448-2455.	4.7	18
119	Melanocortin 4 receptor stimulation improves social deficits in mice through oxytocin pathway. <i>Neuropharmacology</i> , 2018, 133, 366-374.	4.1	18
120	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. I. Frontal cortex. <i>Neuroscience Letters</i> , 1988, 87, 247-252.	2.1	17
121	Rat pituitary cells selectively express mRNA encoding the short isoform of the γ 2 GABAA receptor subunit. <i>Molecular Brain Research</i> , 1992, 13, 145-150.	2.3	17
122	Antisense Strategy Unravels a Dopamine Receptor Distinct from the D2 Subtype, Uncoupled with Adenylyl Cyclase, Inhibiting Prolactin Release from Rat Pituitary Cells. <i>Journal of Neurochemistry</i> , 1994, 62, 1260-1266.	3.9	17
123	Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons. <i>Neuroscience Letters</i> , 1998, 243, 77-80.	2.1	16
124	Cytotoxic Effect of Trabectedin In Human Adrenocortical Carcinoma Cell Lines and Primary Cells. <i>Cancers</i> , 2020, 12, 928.	3.7	16
125	A Drug Repurposing Approach for Antimalarials Interfering with SARS-CoV-2 Spike Protein Receptor Binding Domain (RBD) and Human Angiotensin-Converting Enzyme 2 (ACE2). <i>Pharmaceuticals</i> , 2021, 14, 954.	3.8	16
126	Automatic classification of mice vocalizations using Machine Learning techniques and Convolutional Neural Networks. <i>PLoS ONE</i> , 2021, 16, e0244636.	2.5	16

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127	Identification of D-2 dopaminergic receptors in bovine adrenal cortex. Life Sciences, 1985, 37, 2539-2548.	4.3	15
128	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. Natural Product Research, 2021, 35, 1648-1653.	1.8	15
129	Cytotoxic Effect of Progesterone, Tamoxifen and Their Combination in Experimental Cell Models of Human Adrenocortical Cancer. Frontiers in Endocrinology, 2021, 12, 669426.	3.5	15
130	Caffeine Inhibits Direct and Indirect Angiogenesis in Zebrafish Embryos. International Journal of Molecular Sciences, 2021, 22, 4856.	4.1	15
131	Critical Review on the Chemical Aspects of Cannabidiol (CBD) and Harmonization of Computational Bioactivity Data. Current Medicinal Chemistry, 2020, 28, 213-237.	2.4	15
132	Activation of Dopamine D2 Receptors Linked to Voltage-Sensitive Potassium Channels Reduces Forskolin-Induced Cyclic AMP Formation in Rat Pituitary Cells. Journal of Neurochemistry, 1992, 59, 1829-1835.	3.9	14
133	Differential expression of fetal and mature tau isoforms in primary cultures of rat cerebellar granule cells during differentiation in vitro. Molecular Brain Research, 1995, 34, 38-44.	2.3	14
134	Methylxanthines induce structural and functional alterations of the cardiac system in zebrafish embryos. BMC Pharmacology & Toxicology, 2017, 18, 72.	2.4	14
135	Striatal adenylate cyclase-inhibiting dopamine D2 receptors are not affected by the aging process. Neuroscience Letters, 1987, 75, 38-42.	2.1	13
136	Enantiomeric 4-acylamino-6-alkoxy-2-alkylthiopyrimidines As Potential A_{2A} Adenosine Receptor Antagonists: HPLC Chiral Resolution and Absolute Configuration Assignment by a Full Set of Chiroptical Spectroscopy. Chirality, 2016, 28, 434-440.	2.6	13
137	In vitro cytotoxicity of cabazitaxel in adrenocortical carcinoma cell lines and human adrenocortical carcinoma primary cell cultures. Molecular and Cellular Endocrinology, 2019, 498, 110585.	3.2	13
138	Dopamine Receptor Agonists for Protection and Repair in Parkinsons Disease. Current Topics in Medicinal Chemistry, 2008, 8, 1089-1099.	2.1	13
139	Dihydroergotoxine decreases blood pressure in spontaneously hypertensive rats by interacting with peripheral dopamine receptors. Life Sciences, 1985, 36, 1515-1522.	4.3	12
140	Pramipexole prevents neurotoxicity induced by oligomers of beta-amyloid. European Journal of Pharmacology, 2007, 569, 194-196.	3.5	12
141	Evidence on selective binding to G-quadruplex DNA of isoflavones from <i>Maclura pomifera</i> by mass spectrometry and molecular docking. Natural Product Research, 2021, 35, 2583-2587.	1.8	12
142	A Perspective on Natural and Nature-Inspired Small Molecules Targeting Phosphodiesterase 9 (PDE9): Chances and Challenges against Neurodegeneration. Pharmaceuticals, 2021, 14, 58.	3.8	12
143	Repeated administration of lisuride down-regulates dopamine D-2 receptor function in mesostriatal and in mesolimbocortical rat brain regions. European Journal of Pharmacology, 1990, 176, 85-90.	3.5	11
144	Priming of cultured neurons with sabeluzole results in long-lasting inhibition of neurotoxin-induced tau expression and cell death. , 1997, 26, 95-103.		11

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145	Wild type but not mutant APP is involved in protective adaptive responses against oxidants. Amino Acids, 2010, 39, 271-283.	2.7	11
146	Adrenocortical Carcinoma Xenograft in Zebrafish Embryos as a Model To Study the In Vivo Cytotoxicity of Abiraterone Acetate. Endocrinology, 2019, 160, 2620-2629.	2.8	11
147	Management of Severe Cushing Syndrome Induced by Adrenocortical Carcinoma with Abiraterone Acetate: A Case Report. AACE Clinical Case Reports, 2016, 2, e337-e341.	1.1	11
148	Evidence for the presence of both D-1 and D-2 dopamine receptors in human esophagus. Life Sciences, 1990, 47, 447-455.	4.3	10
149	Long-lasting induction of Notch2 in the hippocampus of kainate-treated adult mice. NeuroReport, 2003, 14, 917-921.	1.2	10
150	Kinase-driven metabolic signalling as a predictor of response to carboplatin+paclitaxel adjuvant treatment in advanced ovarian cancers. British Journal of Cancer, 2017, 117, 494-502.	6.4	10
151	Synthesis via A3 Coupling Reaction of Anthracene+Propargylamine as a New Scaffold for the Interaction with DNA. ChemistrySelect, 2019, 4, 13138-13142.	1.5	10
152	Multi-target Natural and Nature-Inspired Compounds against Neurodegeneration: A Focus on Dual Cholinesterase and Phosphodiesterase Inhibitors. Applied Sciences (Switzerland), 2021, 11, 5044.	2.5	10
153	Prosocial Effects of Nonpsychotropic Cannabis sativa in Mice. Cannabis and Cannabinoid Research, 2022, 7, 170-178.	2.9	10
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