

Maurizio Memo

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188
papers

5,921
citations

43
h-index

67
g-index

198
ext. papers

6,703
ext. citations

4.7
avg, IF

5.67
L-index

#	Paper	IF	Citations
188	Disease-specific phenotypes in dopamine neurons from human iPS-based models of genetic and sporadic Parkinson's disease. <i>EMBO Molecular Medicine</i> , 2012 , 4, 380-95	12	431
187	Cannabis sativa: A comprehensive ethnopharmacological review of a medicinal plant with a long history. <i>Journal of Ethnopharmacology</i> , 2018 , 227, 300-315	5	226
186	Activation of cell-cycle-associated proteins in neuronal death: a mandatory or dispensable path?. <i>Trends in Neurosciences</i> , 2001 , 24, 25-31	13.3	201
185	Nuclear factor-kappaB/Rel proteins: a point of convergence of signalling pathways relevant in neuronal function and dysfunction. <i>Biochemical Pharmacology</i> , 1999 , 57, 1-7	6	166
184	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	3.1	145
183	Impaired adult neurogenesis associated with short-term memory defects in NF-kappaB p50-deficient mice. <i>Journal of Neuroscience</i> , 2008 , 28, 3911-9	6.6	117
182	Interleukin-1beta and glutamate activate the NF-kappaB/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, 15002-7	5.4	117
181	Metabotropic glutamate receptor mRNA expression in rat spinal cord. <i>NeuroReport</i> , 1997 , 8, 2695-9	1.7	101
180	Possible role of NF-kappaB and p53 in the glutamate-induced pro-apoptotic neuronal pathway. <i>Cell Death and Differentiation</i> , 1999 , 6, 22-7	12.7	100
179	Distinct developmental patterns of expression of rat alpha 1, alpha 5, gamma 2S, and gamma 2L gamma-aminobutyric acid receptor subunit mRNAs in vivo and in vitro. <i>Journal of Neurochemistry</i> , 1992 , 59, 62-72	6	91
178	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, 246-54	3.5	90
177	Zebrafish Larvae as a Behavioral Model in Neuropharmacology. <i>Biomedicines</i> , 2019 , 7,	4.8	89
176	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, 683-9	6	86
175	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, 456-64	7.5	82
174	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, 987-94	5.6	80
173	mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. <i>Neuroscience Research</i> , 1997 , 28, 49-57	2.9	79
172	Identification and characterization of a kappa B/Rel binding site in the regulatory region of the amyloid precursor protein gene. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26774-7	5.4	78

171	D2 dopamine receptors associated with inhibition of dopamine release from rat neostriatum are independent of cyclic AMP. <i>Neuroscience Letters</i> , 1986 , 71, 192-6	3.3	76
170	p53 at the crossroads between cancer and neurodegeneration. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 1727-33	7.8	71
169	Cannabidiol: Recent advances and new insights for neuropsychiatric disorders treatment. <i>Life Sciences</i> , 2019 , 224, 120-127	6.8	68
168	Cannabimimetic plants: are they new cannabinoidergic modulators?. <i>Planta</i> , 2019 , 249, 1681-1694	4.7	67
167	Why do centenarians escape or postpone cancer? The role of IGF-1, inflammation and p53. <i>Cancer Immunology, Immunotherapy</i> , 2009 , 58, 1909-17	7.4	66
166	Dopamine D2, D3, and D4 receptor mRNA levels in rat brain and pituitary during aging. <i>Neurobiology of Aging</i> , 1994 , 15, 713-9	5.6	66
165	Activation of multiple metabotropic glutamate receptor subtypes prevents NMDA-induced excitotoxicity in rat hippocampal slices. <i>European Journal of Neuroscience</i> , 1996 , 8, 1516-21	3.5	64
164	Glutathionylation of the pro-apoptotic protein p53 in Alzheimer's disease brain: implications for AD pathogenesis. <i>Neurochemical Research</i> , 2009 , 34, 727-33	4.6	62
163	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, 117-22	3.7	58
162	Nutrition and AGE-ing: Focusing on Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 7039816	6.7	56
161	Identification of beta-adrenergic receptor binding sites in rat brain microvessels, using [125I]iodohydroxybenzylpindolol. <i>Journal of Neurochemistry</i> , 1981 , 36, 1383-8	6	56
160	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	5.3	56
159	Mitochondria-targeted antioxidant effects of S(-) and R(+) pramipexole. <i>BMC Pharmacology</i> , 2010 , 10, 2		54
158	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, 81-5	7.8	54
157	Epidermal growth factor induces the functional expression of dopamine receptors in the GH3 cell line. <i>Endocrinology</i> , 1991 , 128, 13-20	4.8	54
156	Selective impairment of p53-mediated cell death in fibroblasts from sporadic Alzheimer's disease patients. <i>Journal of Cell Science</i> , 2002 , 115, 3131-8	5.3	52
155	GNMB/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	4.2	51
154	Identification of a mutant-like conformation of p53 in fibroblasts from sporadic Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2006 , 27, 1193-201	5.6	49

153	Conformational altered p53 as an early marker of oxidative stress in Alzheimer's disease. <i>PLoS ONE</i> , 2012 , 7, e29789	3.7	48
152	Characterization of tau proteins in human neuroblastoma SH-SY5Y cell line. <i>Neuroscience Letters</i> , 1997 , 235, 149-53	3.3	47
151	Zeolite Clinoptilolite: Therapeutic Virtues of an Ancient Mineral. <i>Molecules</i> , 2019 , 24,	4.8	46
150	Physiological levels of amyloid peptides stimulate the angiogenic response through FGF-2. <i>FASEB Journal</i> , 2004 , 18, 1943-5	0.9	44
149	Characterization of dopamine receptors associated with aldosterone secretion in rat adrenal glomerulosa. <i>Endocrinology</i> , 1986 , 119, 2227-32	4.8	44
148	Nuclear factor κ -dependent neurite remodeling is mediated by Notch pathway. <i>Journal of Neuroscience</i> , 2011 , 31, 11697-705	6.6	43
147	Lewy-body dementia and responsiveness to cholinesterase inhibitors: a paradigm for heterogeneity of Alzheimer's disease?. <i>Trends in Pharmacological Sciences</i> , 1996 , 17, 155-60	13.2	43
146	Identification and characterization of postsynaptic D1- and D2-dopamine receptors in the cardiovascular system. <i>Journal of Cardiovascular Pharmacology</i> , 1988 , 11, 643-50	3.1	43
145	Unfolded p53: a potential biomarker for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2007 , 12, 93-9	4.3	42
144	TRAIL is expressed in the brain cells of Alzheimer's disease patients. <i>NeuroReport</i> , 2004 , 15, 579-81	1.7	39
143	Hearing loss and cognitive decline in older adults: questions and answers. <i>Aging Clinical and Experimental Research</i> , 2014 , 26, 567-73	4.8	38
142	Various Ca ²⁺ entry blockers prevent glutamate-induced neurotoxicity. <i>European Journal of Pharmacology</i> , 1991 , 209, 169-73	5.3	38
141	Follow-up after gastrectomy for cancer: the Charter Scaligero Consensus Conference. <i>Gastric Cancer</i> , 2016 , 19, 15-20	7.6	36
140	Using iPS Cells toward the Understanding of Parkinson's Disease. <i>Journal of Clinical Medicine</i> , 2015 , 4, 548-66	5.1	36
139	Pergolide protects SH-SY5Y cells against neurodegeneration induced by H ₂ O ₂ . <i>European Journal of Pharmacology</i> , 2002 , 434, 17-20	5.3	36
138	Alzheimer's disease linking neurodegeneration with neurodevelopment. <i>Functional Neurology</i> , 2003 , 18, 145-8	2.2	36
137	Homeodomain interacting protein kinase 2: a target for Alzheimer's beta amyloid leading to misfolded p53 and inappropriate cell survival. <i>PLoS ONE</i> , 2010 , 5, e10171	3.7	35
136	Targeting Notch pathway induces growth inhibition and differentiation of neuroblastoma cells. <i>Neuro-Oncology</i> , 2010 , 12, 1231-43	1	35

135	TorsinA negatively controls neurite outgrowth of SH-SY5Y human neuronal cell line. <i>Brain Research</i> , 2004 , 1012, 75-81	3.7	34
134	Repeated administration of (-)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	5.3	33
133	Gamma-oryzanol Prevents LPS-induced Brain Inflammation and Cognitive Impairment in Adult Mice. <i>Nutrients</i> , 2019 , 11,	6.7	32
132	Cardiac disease modeling using induced pluripotent stem cell-derived human cardiomyocytes. <i>World Journal of Stem Cells</i> , 2015 , 7, 329-42	5.6	32
131	Lipid rafts are primary mediators of amyloid oxidative attack on plasma membrane. <i>Journal of Molecular Medicine</i> , 2010 , 88, 597-608	5.5	32
130	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, 2489-96	3.5	31
129	Clinical potentials of human pluripotent stem cells. <i>Cell Biology and Toxicology</i> , 2017 , 33, 351-360	7.4	30
128	Cortical Structure Alterations and Social Behavior Impairment in p50-Deficient Mice. <i>Cerebral Cortex</i> , 2016 , 26, 2832-49	5.1	30
127	Acute scopolamine treatment decreases dopamine metabolism in rat hippocampus and frontal cortex. <i>European Journal of Pharmacology</i> , 1988 , 149, 367-70	5.3	30
126	Blockade of the tumor necrosis factor-related apoptosis inducing ligand death receptor DR5 prevents beta-amyloid neurotoxicity. <i>Neuropsychopharmacology</i> , 2007 , 32, 872-80	8.7	29
125	High Prevalence of Radiological Vertebral Fractures in Women on Thyroid-Stimulating Hormone-Suppressive Therapy for Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 956-964	5.6	28
124	Generation of reactive oxygen species by beta amyloid fibrils and oligomers involves different intra/extracellular pathways. <i>Amino Acids</i> , 2010 , 38, 1101-6	3.5	28
123	Contribution of NF-kappaB and p53 in the glutamate-induced apoptosis. <i>International Journal of Developmental Neuroscience</i> , 2000 , 18, 447-54	2.7	28
122	p53 is dispensable for apoptosis but controls neurogenesis of mouse dentate gyrus cells following gamma-irradiation. <i>Molecular Brain Research</i> , 2001 , 93, 81-9		28
121	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. II. Dorsal hippocampus. <i>Neuroscience Letters</i> , 1988 , 87, 253-8	3.3	28
120	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of L. <i>Biomolecules</i> , 2021 , 11,	5.9	28
119	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2020 , 116, 1147-1160	9.9	27
118	Cannabinoids in health and disease: pharmacological potential in metabolic syndrome and neuroinflammation. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018 , 36,	1.3	26

117	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	4.9	26
116	Unfolded p53 in blood as a predictive signature signature of the transition from mild cognitive impairment to Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 20, 97-104	4.3	26
115	Protective Effects of (var. Ginpent) against Lipopolysaccharide-Induced Inflammation and Motor Alteration in Mice. <i>Molecules</i> , 2021 , 26,	4.8	26
114	Involvement of DNA damage and repair systems in neurodegenerative process. <i>Toxicology Letters</i> , 2003 , 139, 99-105	4.4	25
113	"RaMassays": Synergistic Enhancement of Plasmon-Free Raman Scattering and Mass Spectrometry for Multimodal Analysis of Small Molecules. <i>Scientific Reports</i> , 2016 , 6, 34521	4.9	24
112	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015 , 29, 285-300	7.9	24
111	Comparison of Extracellular and Intracellular Blood Compartments Highlights Redox Alterations in Alzheimer's and Mild Cognitive Impairment Patients. <i>Current Alzheimer Research</i> , 2017 , 14, 112-122	3	24
110	Antisecretive 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	5.6	23
109	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, 903-10	6.8	23
108	Zebrafish Embryo as an In Vivo Model for Behavioral and Pharmacological Characterization of Methylxanthine Drugs. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	22
107	Conformationally altered p53: a putative peripheral marker for Alzheimer's disease. <i>Neurodegenerative Diseases</i> , 2008 , 5, 209-11	2.3	22
106	Neuroprotective effect of thyrotropin-releasing hormone against excitatory amino acid-induced cell death in hippocampal slices. <i>European Journal of Pharmacology</i> , 1999 , 370, 133-7	5.3	22
105	Stimulation of dopamine D-2 receptors increases potassium permeability in mammotrophs. <i>European Journal of Pharmacology</i> , 1987 , 139, 361-2	5.3	22
104	The role of chirality in a set of key intermediates of pharmaceutical interest, 3-aryl-substituted- β -butyrolactones, evidenced by chiral HPLC separation and by chiroptical spectroscopies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 41-51	3.5	21
103	Notch activation induces neurite remodeling and functional modifications in SH-SY5Y neuronal cells. <i>Developmental Neurobiology</i> , 2009 , 69, 378-91	3.2	21
102	Inhibition of glutamate-induced neurotoxicity by a tau antisense oligonucleotide in primary culture of rat cerebellar granule cells. <i>European Journal of Neuroscience</i> , 1995 , 7, 1603-13	3.5	21
101	Functional characterization of epithelial ovarian cancer histotypes by drug target based protein signaling activation mapping: implications for personalized cancer therapy. <i>Proteomics</i> , 2015 , 15, 365-73	4.8	20
100	Notch signalling in adult neurons: a potential target for microtubule stabilization. <i>Therapeutic Advances in Neurological Disorders</i> , 2013 , 6, 375-85	6.6	20

99	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	4.9	20
98	A Tau antisense oligonucleotide decreases neurone sensitivity to excitotoxic injury. <i>NeuroReport</i> , 1993 , 4, 823-6	1.7	20
97	Impact of COVID-19 on Alzheimer's Disease Risk: Viewpoint for Research Action. <i>Healthcare (Switzerland)</i> , 2020 , 8,	3.4	20
96	Edryzanol Improves Cognitive Function and Modulates Hippocampal Proteome in Mice. <i>Nutrients</i> , 2019 , 11,	6.7	19
95	Opposing regulation of amyloid precursor protein by ionotropic and metabotropic glutamate receptors. <i>NeuroReport</i> , 1995 , 6, 1317-21	1.7	19
94	Behavioral abnormalities in the Fmr1-KO2 mouse model of fragile X syndrome: The relevance of early life phases. <i>Autism Research</i> , 2017 , 10, 1584-1596	5.1	18
93	Potential Role of Microtubule Stabilizing Agents in Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	18
92	Alzheimer's disease: new diagnostic and therapeutic tools. <i>Immunity and Ageing</i> , 2008 , 5, 7	9.7	18
91	Evidence for the presence of D1 and D2 dopamine receptors in the rat adrenal cortex. <i>European Journal of Pharmacology</i> , 1985 , 109, 315-6	5.3	18
90	Palbociclib inhibits proliferation of human adrenocortical tumor cells. <i>Endocrine</i> , 2018 , 59, 213-217	4	17
89	Induction of two DNA mismatch repair proteins, MSH2 and MSH6, in differentiated human neuroblastoma SH-SY5Y cells exposed to doxorubicin. <i>Journal of Neurochemistry</i> , 1999 , 72, 974-9	6	17
88	Rat pituitary cells selectively express mRNA encoding the short isoform of the $\gamma 2$ GABAA receptor subunit. <i>Molecular Brain Research</i> , 1992 , 13, 145-50		17
87	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. I. Frontal cortex. <i>Neuroscience Letters</i> , 1988 , 87, 247-52	3.3	17
86	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, 123-33	4.2	16
85	DMT1 Expression and Iron Levels at the Crossroads Between Aging and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019 , 13, 575	5.1	15
84	Zyxin is a novel target for β amyloid peptide: characterization of its role in Alzheimer's pathogenesis. <i>Journal of Neurochemistry</i> , 2013 , 125, 790-9	6	15
83	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, 1260-6	6	15
82	Preservation of DNA integrity and neuronal degeneration. <i>Brain Research Reviews</i> , 2005 , 48, 347-51		15

81	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	7.8	15
80	Ferrous Iron Up-regulation in Fibroblasts of Patients with Beta Propeller Protein-Associated Neurodegeneration (BPAN). <i>Frontiers in Genetics</i> , 2017 , 8, 18	4.5	14
79	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, 162-72		14
78	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	3.6	14
77	Wireless Point-of-Care Platform With Screen-Printed Sensors for Biomarkers Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 2448-2455	5.2	13
76	Differential expression of fetal and mature tau isoforms in primary cultures of rat cerebellar granule cells during differentiation in vitro. <i>Molecular Brain Research</i> , 1995 , 34, 38-44		13
75	Striatal adenylate cyclase-inhibiting dopamine D2 receptors are not affected by the aging process. <i>Neuroscience Letters</i> , 1987 , 75, 38-42	3.3	13
74	Insight into the LFA-1/SARS-CoV-2 Orf7a Complex by Protein-Protein Docking, Molecular Dynamics, and MM-GBSA Calculations. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 2780-2787	6.1	13
73	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1726-1739	5.7	12
72	Melanocortin 4 receptor stimulation improves social deficits in mice through oxytocin pathway. <i>Neuropharmacology</i> , 2018 , 133, 366-374	5.5	12
71	Activation of dopamine D2 receptors linked to voltage-sensitive potassium channels reduces forskolin-induced cyclic AMP formation in rat pituitary cells. <i>Journal of Neurochemistry</i> , 1992 , 59, 1829-35	6	12
70	Identification of D-2 dopaminergic receptors in bovine adrenal cortex. <i>Life Sciences</i> , 1985 , 37, 2539-48	6.8	12
69	Dopamine receptor agonists for protection and repair in Parkinson's disease. <i>Current Topics in Medicinal Chemistry</i> , 2008 , 8, 1089-99	3	12
68	In vitro antitumor activity of progesterone in human adrenocortical carcinoma. <i>Endocrine</i> , 2019 , 63, 592-601	4	12
67	Wild type but not mutant APP is involved in protective adaptive responses against oxidants. <i>Amino Acids</i> , 2010 , 39, 271-83	3.5	11
66	Dihydroergotamine decreases blood pressure in spontaneously hypertensive rats by interacting with peripheral dopamine receptors. <i>Life Sciences</i> , 1985 , 36, 1515-22	6.8	11
65	Critical Review on the Chemical Aspects of Cannabidiol (CBD) and Harmonization of Computational Bioactivity Data. <i>Current Medicinal Chemistry</i> , 2021 , 28, 213-237	4.3	11
64	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> , 2021 , 1-6	2.3	11

63	Specific profile of ultrasonic communication in a mouse model of neurodevelopmental disorders. <i>Scientific Reports</i> , 2019 , 9, 15912	4.9	11
62	Redox Homeostasis and Natural Dietary Compounds: Focusing on Antioxidants of Rice (L). <i>Nutrients</i> , 2018 , 10,	6.7	11
61	Methylxanthines induce structural and functional alterations of the cardiac system in zebrafish embryos. <i>BMC Pharmacology & Toxicology</i> , 2017 , 18, 72	2.6	10
60	Priming of cultured neurons with sabeluzole results in long-lasting inhibition of neurotoxin-induced tau expression and cell death. <i>Synapse</i> , 1997 , 26, 95-103	2.4	10
59	Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons. <i>Neuroscience Letters</i> , 1998 , 243, 77-80	3.3	10
58	Pramipexole prevents neurotoxicity induced by oligomers of beta-amyloid. <i>European Journal of Pharmacology</i> , 2007 , 569, 194-6	5.3	10
57	Evidence for the presence of both D-1 and D-2 dopamine receptors in human esophagus. <i>Life Sciences</i> , 1990 , 47, 447-55	6.8	10
56	Management of Severe Cushing Syndrome Induced by Adrenocortical Carcinoma with Abiraterone Acetate: A Case Report. <i>AACE Clinical Case Reports</i> , 2016 , 2, e337-e341	0.7	10
55	Enantiomeric 4-Acylamino-6-alkyloxy-2 Alkylthiopyrimidines As Potential A3 Adenosine Receptor Antagonists: HPLC Chiral Resolution and Absolute Configuration Assignment by a Full Set of Chiroptical Spectroscopy. <i>Chirality</i> , 2016 , 28, 434-40	2.1	10
54	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. <i>Natural Product Research</i> , 2021 , 35, 1648-1653	2.3	10
53	Long-lasting induction of Notch2 in the hippocampus of kainate-treated adult mice. <i>NeuroReport</i> , 2003 , 14, 917-21	1.7	9
52	Differential effect of acute reserpine administration on D-1 and D-2 dopaminergic receptor density and function in rat striatum. <i>Neurochemistry International</i> , 1989 , 14, 61-4	4.4	9
51	Pharmacological and molecular basis for dopamine D-2 receptor diversity. <i>Molecular Neurobiology</i> , 1990 , 4, 181-96	6.2	9
50	The pleiotropic role of p53 in functional/dysfunctional neurons: focus on pathogenesis and diagnosis of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 160	9	9
49	Targeting fibroblast growth factor receptor in breast cancer: a promise or a pitfall?. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 665-78	6.4	8
48	A mechanism additional to cyclic AMP accumulation for vasoactive intestinal peptide-induced prolactin release. <i>Neuroendocrinology</i> , 1990 , 51, 481-6	5.6	8
47	Repeated administration of lisuride down-regulates dopamine D-2 receptor function in mesostriatal and in mesolimbocortical rat brain regions. <i>European Journal of Pharmacology</i> , 1990 , 176, 85-90	5.3	8
46	A Conformation Variant of p53 Combined with Machine Learning Identifies Alzheimer Disease in Preclinical and Prodromal Stages. <i>Journal of Personalized Medicine</i> , 2020 , 11,	3.6	8

45	Evidence on selective binding to G-quadruplex DNA of isoflavones from by mass spectrometry and molecular docking. <i>Natural Product Research</i> , 2021 , 35, 2583-2587	2.3	7
44	Kinase-driven metabolic signalling as a predictor of response to carboplatin-paclitaxel adjuvant treatment in advanced ovarian cancers. <i>British Journal of Cancer</i> , 2017 , 117, 494-502	8.7	7
43	Computational and functional analysis of biopharmaceutical drugs in zebrafish: Erythropoietin as a test model. <i>Pharmacological Research</i> , 2015 , 102, 12-21	10.2	7
42	Synthesis via A3 Coupling Reaction of Anthracene-Propargylamine as a New Scaffold for the Interaction with DNA. <i>ChemistrySelect</i> , 2019 , 4, 13138-13142	1.8	7
41	TorsinA, microtubules and cell polarity. <i>Functional Neurology</i> , 2003 , 18, 7-10	2.2	7
40	Investigation of the molecular reactivity of bioactive oxiranylmethoxy anthraquinones. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900030	4.3	6
39	Cytotoxic Effect of Trabectedin In Human Adrenocortical Carcinoma Cell Lines and Primary Cells. <i>Cancers</i> , 2020 , 12,	6.6	6
38	Mitochondrial dysfunction and increased sensitivity to excitotoxicity in mice deficient in DNA mismatch repair. <i>Journal of Neurochemistry</i> , 2006 , 98, 223-33	6	6
37	Long-lasting induction of Notch2 in the hippocampus of kainate-treated adult mice. <i>NeuroReport</i> , 2003 , 14, 917-921	1.7	6
36	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,	5.2	6
35	2-(3,4-Dihydroxyphenyl)-4-(2-(4-nitrophenyl)hydrazono)-4H-chromene-3,5,7-triol. <i>MolBank</i> , 2020 , 2020, M1144	0.5	5
34	In vitro cytotoxicity of cabazitaxel in adrenocortical carcinoma cell lines and human adrenocortical carcinoma primary cell cultures. <i>Molecular and Cellular Endocrinology</i> , 2019 , 498, 110585	4.4	5
33	Antisense strategy unravels tau proteins as molecular risk factors for glutamate-induced neurodegeneration. <i>Cellular and Molecular Neurobiology</i> , 1994 , 14, 569-78	4.6	5
32	Angiotensin II differentially affects cyclic AMP formation in intact adrenal glomerulosa cells and in purified membrane preparations. <i>Regulatory Peptides</i> , 1989 , 24, 167-78		5
31	Favorable prognostic role of tropomodulins in neuroblastoma. <i>Oncotarget</i> , 2018 , 9, 27092-27103	3.3	5
30	Cytoskeletal protection: acting on notch to prevent neuronal dysfunction. <i>Neurodegenerative Diseases</i> , 2014 , 13, 93-5	2.3	4
29	N-methyl-D-aspartate neurotoxicity in hippocampal slices: protection by aniracetam. <i>European Journal of Pharmacology</i> , 1995 , 275, 311-4	5.3	4
28	Brain Structural and Functional Alterations in Mice Prenatally Exposed to LPS Are Only Partially Rescued by Anti-Inflammatory Treatment. <i>Brain Sciences</i> , 2020 , 10,	3.4	4

27	Adrenocortical Carcinoma Xenograft in Zebrafish Embryos as a Model To Study the In Vivo Cytotoxicity of Abiraterone Acetate. <i>Endocrinology</i> , 2019 , 160, 2620-2629	4.8	4
26	Automatic classification of mice vocalizations using Machine Learning techniques and Convolutional Neural Networks. <i>PLoS ONE</i> , 2021 , 16, e0244636	3.7	4
25	Ultrasonic vocalizations in mice: relevance for ethologic and neurodevelopmental disorders studies. <i>Neural Regeneration Research</i> , 2021 , 16, 1158-1167	4.5	4
24	A Perspective on Natural and Nature-Inspired Small Molecules Targeting Phosphodiesterase 9 (PDE9): Chances and Challenges against Neurodegeneration. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
23	Photoactivated semi-synthetic derivative of osajin selectively interacts with G-quadruplex DNA. <i>Natural Product Research</i> , 2020 , 1-6	2.3	3
22	Dopaminergic agonists: possible neurorescue drugs endowed with independent and synergistic multisites of action. <i>Neurochemical Research</i> , 2007 , 32, 1726-9	4.6	3
21	Combinatorial library generation, molecular docking and molecular dynamics simulations for enhancing the isoflavone scaffold in phosphodiesterase inhibition. <i>New Journal of Chemistry</i> , 2020 , 44, 19472-19488	3.6	3
20	Multi-target Natural and Nature-Inspired Compounds against Neurodegeneration: A Focus on Dual Cholinesterase and Phosphodiesterase Inhibitors. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5044	2.6	3
19	Prosocial Effects of Nonpsychotropic in Mice. <i>Cannabis and Cannabinoid Research</i> , 2021 ,	4.6	3
18	Parallelism of Chemicostuctural Properties between Filgrastim Originator and Three of Its Biosimilar Drugs. <i>Journal of Chemistry</i> , 2019 , 2019, 1-15	2.3	2
17	Abiraterone acetate exerts a cytotoxic effect in human prostate cancer cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019 , 392, 729-742	3.4	2
16	Enhanced G-quadruplex selectivity of flavonoid glycoside rutin over quercetin. <i>Natural Product Research</i> , 2020 , 1-5	2.3	2
15	Docetaxel plus androgen deprivation withdrawal may restore sensitivity to luteinizing hormone-releasing hormone analog therapy in castration-resistant prostate cancer patients. <i>Endocrine</i> , 2016 , 54, 830-833	4	2
14	Molecular mechanisms of glutamate-induced neurodegeneration. <i>International Review of Psychiatry</i> , 1995 , 7, 339-348	3.6	2
13	Cytotoxic Effect of Progesterone, Tamoxifen and Their Combination in Experimental Cell Models of Human Adrenocortical Cancer. <i>Frontiers in Endocrinology</i> , 2021 , 12, 669426	5.7	2
12	Paradigm shift in heart failure treatment: are cardiologists ready to use gliflozins?. <i>Heart Failure Reviews</i> , 2021 , 1	5	2
11	Tolerance to hypoactivity and sensitization to hyperactivity after chronic treatment with a presynaptic dose of lisuride in rats. <i>European Journal of Pharmacology</i> , 1992 , 216, 81-6	5.3	1
10	Differential up-regulation of D-1 and D-2 dopamine receptor function in mesostriatal areas but not in cortical-limbic brain regions of rats chronically treated with fluspiride and SCH 23390. <i>Drug Development Research</i> , 1987 , 11, 243-249	5.1	1

9	Amiloride effects on abiraterone antiproliferative activity in prostate cancer cells in vitro and on clinical management of abiraterone induced mineralocorticoid excess syndrome.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 175-175	2.2	1
8	Cisplatin Cytotoxicity in Human Testicular Germ Cell Tumor Cell Lines Is Enhanced by the CDK4/6 Inhibitor Palbociclib. <i>Clinical Genitourinary Cancer</i> , 2021 , 19, 316-324	3.3	1
7	Combining Electrospray Mass Spectrometry (ESI-MS) and Computational Techniques in the Assessment of G-Quadruplex Ligands: A Hybrid Approach to Optimize Hit Discovery. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13174-13190	8.3	1
6	Exploring SARS-CoV-2 Delta variant spike protein receptor-binding domain (RBD) as a target for tanshinones and antimalarials.. <i>Natural Product Research</i> , 2022 , 1-6	2.3	1
5	9,10-Bis[(4-(2-hydroxyethyl)piperazine-1-yl)prop-2-yne-1-yl]anthracene: Synthesis and G-quadruplex Selectivity. <i>MolBank</i> , 2020 , 2020, M1138	0.5	0
4	Intracellular Pathways Involved in DNA Damage and Repair to Neuronal Apoptosis 2006 , 335-346		
3	Lack of vasoactive intestinal peptide-releasing property in prolactin cells from ovariectomized rats: contribution of post-transductional impairments. <i>European Journal of Endocrinology</i> , 1994 , 130, 361-5	6.5	
2	Impaired DNA Repair Systems: Generation of Mitochondrial Dysfunction and Increased Sensitivity to Excitotoxicity 2008 , 17-21		
1	Compensatory Mechanisms At Dopamine D-2 Receptors 1994 , 101-110		