## Stefano Govoni

List of Publications by Year in descending order

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276 papers

11,052 citations

25034 57 h-index 49909 87 g-index

286 all docs

286 docs citations

286 times ranked

13182 citing authors

#	Article	IF	Citations
1	Immune response in COVID-19: addressing a pharmacological challenge by targeting pathways triggered by SARS-CoV-2. Signal Transduction and Targeted Therapy, 2020, 5, 84.	17.1	486
2	Wild-Type Huntingtin Protects from Apoptosis Upstream of Caspase-3. Journal of Neuroscience, 2000, 20, 3705-3713.	3.6	349
3	Microbiota and metabolic diseases. Endocrine, 2018, 61, 357-371.	2.3	280
4	Acetylcholinesterase inhibitors: novel activities of old molecules. Pharmacological Research, 2004, 50, 441-451.	7.1	253
5	The role of gut microbiota in obesity, diabetes mellitus, and effect of metformin: new insights into old diseases. Current Opinion in Pharmacology, 2019, 49, 1-5.	3.5	188
6	Increase of the RNA-binding protein HuD and posttranscriptional up-regulation of the GAP-43 gene during spatial memory. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1217-1222.	7.1	169
7	Secretory processing of amyloid precursor protein is inhibited by increase in cellular cholesterol content. Biochemical Journal, 1997, 322, 893-896.	3.7	162
8	Insulin regulates soluble amyloid precursor protein release via phosphatidyl inositol 3 kinaseâ€dependent pathway. FASEB Journal, 2000, 14, 1015-1022.	0.5	161
9	Gene dose of the ε4 allele of apolipoprotein E and disease progression in sporadic lateâ€onset alzheimer's disease. Annals of Neurology, 1995, 37, 596-604.	5.3	153
10	Autophagy Activation Clears ELAVL1/HuR-Mediated Accumulation of SQSTM1/p62 during Proteasomal Inhibition in Human Retinal Pigment Epithelial Cells. PLoS ONE, 2013, 8, e69563.	2.5	138
11	Targeting VEGF in eye neovascularization: What's new?. Pharmacological Research, 2016, 103, 253-269.	7.1	137
12	Dopamine Uptake is Differentially Regulated in Rat Striatum and Nucleus Accumbens. Journal of Neurochemistry, 1985, 45, 51-56.	3.9	132
13	Neuronal ELAV proteins enhance mRNA stability by a PKCÂ-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12065-12070.	7.1	132
14	Calcium Responses in Fibroblasts from Asymptomatic Members of Alzheimer's Disease Families. Neurobiology of Disease, 1998, 5, 37-45.	4.4	126
15	Association of the Estrogen Receptor α Gene Polymorphisms with Sporadic Alzheimer's Disease. Biochemical and Biophysical Research Communications, 1999, 265, 335-338.	2.1	122
16	Dopamine receptor sensitivity in brain and retina of rats during aging. Brain Research, 1977, 138, 565-570.	2.2	121
17	Cognition enhancers between treating and doping the mind. Pharmacological Research, 2008, 57, 196-213.	7.1	114
18	Members of the JAK/STAT proteins are expressed and regulated during development in the mammalian forebrain., 1998, 54, 320-330.		103

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19	Afferent fibers mediate the increase of met-enkephalin elicited in rat spinal cord by localized pain. Pain, 1984, 18, 25-31.	4.2	102
20	The PKCl²/HuR/VEGF pathway in diabetic retinopathy. Biochemical Pharmacology, 2010, 80, 1230-1237.	4.4	95
21	Soluble βamyloid <sub>1â€42</sub> : a critical player in producing behavioural and biochemical changes evoking depressiveâ€related state?. British Journal of Pharmacology, 2010, 159, 1704-1715.	5.4	95
22	High Affinity and Selectivity on 5-HT1A Receptor of 1-Aryl-4-[(1-tetralin)alkyl]piperazines. 2. Journal of Medicinal Chemistry, 1995, 38, 942-949.	6.4	92
23	In Vitro and ex Vivo Antihydroxyl Radical Activity of Green and Roasted Coffee. Journal of Agricultural and Food Chemistry, 2004, 52, 1700-1704.	5.2	92
24	Effect of energy shortage and oxidative stress on amyloid precursor protein metabolism in COS cells. Neuroscience Letters, 1997, 231, 113-117.	2.1	88
25	Molecular regulations of circadian rhythm and implications for physiology and diseases. Signal Transduction and Targeted Therapy, 2022, 7, 41.	17.1	88
26	Impairment of brain neurotransmitter receptors in aged rats. Mechanisms of Ageing and Development, 1980, 12, 39-46.	4.6	85
27	The role of anchoring protein rack1 in pkc activation in the ageing rat brain. Trends in Neurosciences, 1997, 20, 410-415.	8.6	84
28	The aging brain, a key target for the future: The protein kinase C involvement. Pharmacological Research, 2007, 55, 560-569.	7.1	84
29	p53 at the crossroads between cancer and neurodegeneration. Free Radical Biology and Medicine, 2012, 52, 1727-1733.	2.9	84
30	Nanosystems based on siRNA silencing HuR expression counteract diabetic retinopathy in rat. Pharmacological Research, 2016, 111, 713-720.	7.1	84
31	Effects of hormone therapy on brain morphology of healthy postmenopausal women. Menopause, 2006, 13, 584-591.	2.0	81
32	Protein Kinase C Anchoring Deficit in Postmortem Brains of Alzheimer's Disease Patients. Experimental Neurology, 1999, 159, 559-564.	4.1	79
33	Why do centenarians escape or postpone cancer? The role of IGF-1, inflammation and p53. Cancer Immunology, Immunotherapy, 2009, 58, 1909-1917.	4.2	79
34	Consequences of the 118A>G polymorphism in the OPRM1 gene: translation from bench to bedside?. Journal of Pain Research, 2013, 6, 331.	2.0	79
35	Protein kinase C activity, translocation, and conventional isoforms in aging rat brain. Neurobiology of Aging, 1995, 16, 137-148.	3.1	78
36	Age-related alteration of PKC, a key enzyme in memory processes. Molecular Neurobiology, 1998, 16, 49-62.	4.0	78

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37	Functional Impairment in Protein Kinase C by RACK1 (Receptor for Activated C Kinase 1) Deficiency in Aged Rat Brain Cortex. Journal of Neurochemistry, 1996, 67, 2471-2477.	3.9	77
38	Oxidative metabolism in cultured fibroblasts derived from sporadic Alzheimer's disease (AD) patients. Neuroscience Letters, 1997, 236, 13-16.	2.1	76
39	The complex world of post-transcriptional mechanisms: is their deregulation a common link for diseases? Focus on ELAV-like RNA-binding proteins. Cellular and Molecular Life Sciences, 2012, 69, 501-517.	5.4	75
40	Capillary electrophoresis studies on the aggregation process of $\hat{l}^2$ -amyloid 1-42 and 1-40 peptides. Electrophoresis, 2004, 25, 3186-3194.	2.4	73
41	Conformationally altered p53: a novel Alzheimer's disease marker?. Molecular Psychiatry, 2008, 13, 641-647.	7.9	73
42	Changes of ?-Endorphin and Met-Enkephalin Content in the Hypothalamus-Pituitary Axis Induced by Aging. Journal of Neurochemistry, 1983, 40, 20-24.	3.9	72
43	Calcium responses in human fibroblasts: A diagnostic molecular profile for Alzheimer's disease. Neurobiology of Aging, 1996, 17, 549-555.	3.1	70
44	Expression and activation of SH2/PTB-containing ShcA adaptor protein reflects the pattern of neurogenesis in the mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8185-8190.	7.1	70
45	Depression and antidepressants: molecular and cellular aspects. Cellular and Molecular Life Sciences, 2009, 66, 2985-3008.	5.4	70
46	Selective impairment of p53-mediated cell death in fibroblasts from sporadic Alzheimer's disease patients. Journal of Cell Science, 2002, 115, 3131-3138.	2.0	70
47	The Cycloxygenase-2 inhibitor SC58236 is neuroprotective in an in vivo model of focal ischemia in the rat. Neuroscience Letters, 2001, 303, 91-94.	2.1	69
48	Chronic lead treatment differentially affects dopamine synthesis in various rat brain areas. Toxicology, 1979, 12, 343-349.	4.2	68
49	Cancer and Alzheimer's disease inverse relationship: an age-associated diverging derailment of shared pathways. Molecular Psychiatry, 2021, 26, 280-295.	7.9	68
50	Neuronal control of brain microvessel function. Experientia, 1985, 41, 427-434.	1.2	66
51	Intrathecal Baclofen in Patients With Persistent Vegetative State: 2 Hypotheses. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1245-1249.	0.9	66
52	Secretion of enkephalin-like peptides from canine adrenal gland following splanchnic nerve stimulation. Neuropeptides, 1980, 1, 137-142.	2.2	64
53	Age-related reduced affinity in [3H]nitrendipine labeling of brain voltage-dependent calcium channels. Brain Research, 1985, 333, 374-377.	2.2	62
54	$\hat{l}^2$ -Amyloid precursor protein metabolism: focus on the functions and degradation of its intracellular domain. Pharmacological Research, 2010, 62, 308-317.	7.1	62

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55	Genetic variability at COMT but not at OPRM1 and UGT2B7 loci modulates morphine analgesic response in acute postoperative pain. European Journal of Clinical Pharmacology, 2013, 69, 1651-1658.	1.9	62
56	Defective phorbol ester-stimulated secretion of $\hat{l}^2$ -amyloid precursor protein from Alzheimer's disease fibroblasts. Neuroscience Letters, 1995, 201, 1-4.	2.1	60
57	Phosphorylation of APP TFâ€AICD domains and interaction with adaptor proteins: signal transduction and/or transcriptional role – relevance for Alzheimer pathology. Journal of Neurochemistry, 2010, 115, 1299-1308.	3.9	60
58	Post-Transcriptional Regulation of HSP70 Expression Following Oxidative Stress in SH-SY5Y Cells: The Potential Involvement of the RNA-Binding Protein HuR. Current Pharmaceutical Design, 2008, 14, 2651-2658.	1.9	59
59	Dual Effect of Beta-Amyloid on $\hat{l}\pm7$ and $\hat{l}\pm4\hat{l}^22$ Nicotinic Receptors Controlling the Release of Glutamate, Aspartate and GABA in Rat Hippocampus. PLoS ONE, 2012, 7, e29661.	2.5	59
60	Conformational Altered p53 as an Early Marker of Oxidative Stress in Alzheimer's Disease. PLoS ONE, 2012, 7, e29789.	2.5	59
61	Identification of a mutant-like conformation of p53 in fibroblasts from sporadic Alzheimer's disease patients. Neurobiology of Aging, 2006, 27, 1193-1201.	3.1	57
62	Human Genetic Variability Contributes to Postoperative Morphine Consumption. Journal of Pain, 2016, 17, 628-636.	1.4	57
63	Extrapyramidal symptoms and antidepressant drugs: neuropharmacological aspects of a frequent interaction in the elderly. Molecular Psychiatry, 2001, 6, 134-142.	7.9	56
64	The Role of Endogenous Neuroprotective Mechanisms in the Prevention of Retinal Ganglion Cells Degeneration. Frontiers in Neuroscience, 2018, 12, 834.	2.8	56
65	STAT signalling in the mature and aging brain. International Journal of Developmental Neuroscience, 2000, 18, 439-446.	1.6	55
66	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
67	Specific role for protein kinase $\hat{\text{Cl}}_{\pm}$ in the constitutive and regulated secretion of amyloid precursor protein in human skin fibroblasts. Neuroscience Letters, 1998, 240, 97-101.	2.1	54
68	In Vivo Dehydroepiandrosterone Restores Age-Associated Defects in the Protein Kinase C Signal Transduction Pathway and Related Functional Responses. Journal of Immunology, 2002, 168, 1753-1758.	0.8	54
69	Awakenings and Awareness Recovery in Disorders of Consciousness. CNS Drugs, 2010, 24, 625-638.	5.9	54
70	Short- and long-term effect of acetylcholinesterase inhibition on the expression and metabolism of the amyloid precursor protein. Molecular Psychiatry, 2001, 6, 520-528.	7.9	53
71	Modulation of Keap1/Nrf2/ARE Signaling Pathway by Curcuma- and Garlic-Derived Hybrids. Frontiers in Pharmacology, 2019, 10, 1597.	3.5	53
72	Regulation of phorbol ester binding and protein kinase C activity in aged rat brain. Neurobiology of Aging, 1990, 11, 563-566.	3.1	51

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73	High interleukin-10 production is associated with low antibody response to influenza vaccination in the elderly. Journal of Leukocyte Biology, 2006, 80, 376-382.	3.3	51
74	Autophagy Is Modulated in Human Neuroblastoma Cells Through Direct Exposition to Low Frequency Electromagnetic Fields. Journal of Cellular Physiology, 2014, 229, 1776-1786.	4.1	51
75	Increased Natural Killer Cell Cytotoxicity in Alzheimer's Disease May Involve Protein Kinase C Dysregulation. Neurobiology of Aging, 1998, 19, 191-199.	3.1	50
76	The pharmacology of amyloid precursor protein processing. Experimental Gerontology, 2003, 38, 145-157.	2.8	50
77	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
78	NGF and heart: Is there a role in heart disease?. Pharmacological Research, 2011, 63, 266-277.	7.1	50
79	In vivo characterization of the mechanisms that secrete enkephalin-like peptides stored in dog adrenal medulla. Neuropharmacology, 1981, 20, 639-645.	4.1	49
80	Rationalizing a pharmacological intervention on the amyloid precursor protein metabolism. Trends in Pharmacological Sciences, 1999, 20, 418-423.	8.7	49
81	Differential involvement of protein kinase C alpha and epsilon in the regulated secretion of soluble amyloid precursor protein. FEBS Journal, 2004, 271, 3068-3075.	0.2	48
82	Unfolded p53: A Potential Biomarker for Alzheimer's Disease. Journal of Alzheimer's Disease, 2007, 12, 93-99.	2.6	48
83	Senescence of the Brain: Focus on Cognitive Kinases. Current Pharmaceutical Design, 2010, 16, 660-671.	1.9	48
84	Apolipoprotein E $\hat{l}\mu4$ Allele in Alzheimer's Disease and Vascular Dementia. Dementia and Geriatric Cognitive Disorders, 1994, 5, 240-242.	1.5	47
85	Acute Î <sup>2</sup> -Amyloid Administration Disrupts the Cholinergic Control of Dopamine Release in the Nucleus Accumbens. Neuropsychopharmacology, 2008, 33, 1062-1070.	5.4	47
86	[3H]haloperidol and [3H]spiroperidol receptor binding after striatal injection of kainic acid. Neuroscience Letters, 1978, 8, 207-210.	2.1	46
87	PKCβII/HuR/VEGF: A new molecular cascade in retinal pericytes for the regulation of VEGF gene expression. Pharmacological Research, 2008, 57, 60-66.	7.1	46
88	The Expanding Universe of Neurotrophic Factors: Therapeutic Potential in Aging and Age-Associated Disorders. Current Pharmaceutical Design, 2010, 16, 698-717.	1.9	46
89	Effect of a new cognition enhancer, alpha-glycerylphosphorylcholine, on scopolamine-induced amnesia and brain acetylcholine. Pharmacology Biochemistry and Behavior, 1991, 39, 835-840.	2.9	45
90	Dehydroepiandrosterone and the relationship with aging and memory: a possible link with protein kinase C functional machinery. Brain Research Reviews, 2001, 37, 287-293.	9.0	45

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91	Protecting the retinal neurons from glaucoma: Lowering ocular pressure is not enough. Pharmacological Research, 2012, 66, 19-32.	7.1	45
92	The aging brain: Protein phosphorylation as a target of changes in neuronal function. Life Sciences, 1991, 48, 373-385.	4.3	44
93	Estrogen receptor $\langle i \rangle \hat{l} \pm \langle j \rangle$ and APOE $\langle i \rangle \hat{E} \rangle \langle j \rangle \langle j \rangle$ polymorphisms interact to increase risk for sporadic AD in Italian females. European Journal of Neurology, 2006, 13, 639-644.	3.3	44
94	Preâ€exposure of neuroblastoma cell line to pulsed electromagnetic field prevents H <sub>2</sub> O <sub>2</sub> â€induced ROS production by increasing MnSOD activity. Bioelectromagnetics, 2015, 36, 219-232.	1.6	44
95	Unfolded p53 in the pathogenesis of Alzheimer's disease: is HIPK2 the link?. Aging, 2010, 2, 545-554.	3.1	44
96	Neurotensin effect on dopamine release and calcium transport in rat striatum: interactions with diphenylalkylamine calcium antagonists. Naunyn-Schmiedeberg's Archives of Pharmacology, 1986, 332, 267-270.	3.0	43
97	Role of protein kinase $\hat{\text{Cl}}$ in the regulated secretion of the amyloid precursor protein. Molecular Psychiatry, 2003, 8, 209-216.	7.9	42
98	Apolipoprotein E epsilon 4 allele frequency in vascular dementia and Alzheimer's disease Stroke, 1994, 25, 1703-1704.	2.0	41
99	Activation of the JAK/STAT Pathway Leads to Proliferation of ST14A Central Nervous System Progenitor Cells. Journal of Biological Chemistry, 1996, 271, 23374-23379.	3.4	41
100	Expression of the JAK and STAT superfamilies in human meningiomas. Journal of Neurosurgery, 1999, 91, 440-446.	1.6	41
101	Ethanol administration in vivo alters calcium ions control in rat striatum. Brain Research, 1985, 332, 376-379.	2.2	40
102	Posttranscriptional regulation of SOD1 gene expression under oxidative stress: Potential role of ELAV proteins in sporadic ALS. Neurobiology of Disease, 2013, 60, 51-60.	4.4	40
103	New Ïf and 5-HT1AReceptor Ligands: ω-(Tetralin-1-yl)-n-alkylamine Derivatives. Journal of Medicinal Chemistry, 1996, 39, 176-182.	6.4	39
104	How and Why to Screen for CYP2D6 Interindividual Variability in Patients Under Pharmacological Treatments. Current Drug Metabolism, 2010, 11, 276-282.	1,2	39
105	Mixed 5-HT1A/D-2 activity of a new model of arylpiperazines: 1-aryl-4-[3-(1,2-dihydronaphthalen-4-yl)-n-propyl]piperazines. 1. Synthesis and structure-activity relationships. Journal of Medicinal Chemistry, 1994, 37, 99-104.	6.4	38
106	Soluble amyloid beta1-42 reduces dopamine levels in rat prefrontal cortex: Relationship to nitric oxide. Neuroscience, 2007, 147, 652-663.	2.3	37
107	Chronic alcohol intake modifies phorbol ester binding in selected rat brain areas. Alcohol, 1989, 6, 169-172.	1.7	36
108	Age-dependent increase in [3H]verapamil binding to rat cortical membranes. Neuroscience Letters, 1985, 61, 67-71.	2.1	35

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109	Influence of different anaesthetics on extracellular aminoacids in rat brain. Journal of Neuroscience Methods, 2000, 101, 165-169.	2.5	35
110	Targeting the microbiota in pharmacology of psychiatric disorders. Pharmacological Research, 2020, 157, 104856.	7.1	35
111	Modulation of rat skeletal muscle chloride channels by activators and inhibitors of protein kinase C. Pflugers Archiv European Journal of Physiology, 1991, 418, 500-503.	2.8	34
112	Dehydroepiandrosterone Sulfate Decreases the Interleukin-2-Mediated Overactivity of the Natural Killer Cell Compartment in Senile Dementia of the Alzheimer Type. Dementia and Geriatric Cognitive Disorders, 1999, 10, 21-27.	1.5	34
113	Cytoprotective Response Induced by Electromagnetic Stimulation on SH-SY5Y Human Neuroblastoma Cell Line. Tissue Engineering - Part A, 2011, 17, 2573-2582.	3.1	34
114	Inositol 1,4,5-trisphosphate receptor and ryanodine receptor in the aging brain of Wistar rats. Neurobiology of Aging, 1994, 15, 203-206.	3.1	33
115	Cognition stimulating drugs modulate protein kinase C activity in cerebral cortex and hippocampus of adult rats. Life Sciences, 1993, 53, 1821-1832.	4.3	32
116	Protein kinase C activation and anti-amnesic effect of acetyl-L-carnitine: in vitro and in vivo studies. European Journal of Pharmacology, 1994, 265, 1-7.	3.5	32
117	Antiradical Activity of Water Soluble Components in Common Diet Vegetables. Journal of Agricultural and Food Chemistry, 2002, 50, 1272-1277.	5.2	32
118	Activity of $\hat{l}_{\pm}$ -Secretase as the Common Final Effector of Protein Kinase C-Dependent and -Independent Modulation of Amyloid Precursor Protein Metabolism. Journal of Neurochemistry, 2002, 72, 2464-2470.	3.9	32
119	Conformationally Altered p53: A Putative Peripheral Marker for Alzheimer's Disease. Neurodegenerative Diseases, 2008, 5, 209-211.	1.4	32
120	Systematic Review and Metaâ€Analysis on Neuropsychological Effects of Longâ€Term Use of Opioids in Patients With Chronic Noncancer Pain. Pain Practice, 2019, 19, 328-343.	1.9	32
121	Characterization and Distribution of Protein Kinase C Isoforms in Human Skin Fibroblasts. Archives of Biochemistry and Biophysics, 1994, 314, 107-111.	3.0	31
122	Age-related decline in RACK-1 expression in human leukocytes is correlated to plasma levels of dehydroepiandrosterone. Journal of Leukocyte Biology, 2005, 77, 247-256.	3.3	31
123	Unfolded p53 in Blood as a Predictive Signature Signature of the Transition from Mild Cognitive Impairment to Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 20, 97-104.	2.6	31
124	β -Amyloid: A Disease Target or a Synaptic Regulator Affecting Age-Related Neurotransmitter Changes?. Current Pharmaceutical Design, 2010, 16, 672-683.	1.9	30
125	Influence of COMT Val158Met Polymorphism on Alzheimer's Disease and Mild Cognitive Impairment in Italian Patients. Journal of Alzheimer's Disease, 2012, 32, 919-926.	2.6	30
126	Conformational altered p53 affects neuronal function: relevance for the response to toxic insult and growth-associated protein 43 expression. Cell Death and Disease, 2013, 4, e484-e484.	6.3	30

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127	Induction of <i>VEGFA</i> mRNA translation by CoCl <sub>2</sub> mediated by HuR. RNA Biology, 2015, 12, 1121-1130.	3.1	30
128	Energy metabolism inhibition impairs amyloid precursor protein secretion from Alzheimer's fibroblasts. Neuroscience Letters, 1999, 263, 197-200.	2.1	29
129	Familial Migraine With Aura: Association Study With 5-HT1B/1D, 5-HT2C, and hSERT Polymorphisms. Headache, 2004, 44, 311-317.	3.9	29
130	Neuropeptides in human brainâ€"postmortem studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1985, 9, 91-95.	4.8	28
131	"Functional mapping of the promoter region of the GNB2L1 human gene coding for RACK1 scaffold protein― Gene, 2009, 430, 17-29.	2.2	28
132	The C1 domain-targeted isophthalate derivative HMI-1b11 promotes neurite outgrowth and GAP-43 expression through PKC1 $\pm$ activation in SH-SY5Y cells. Pharmacological Research, 2013, 73, 44-54.	7.1	28
133	Direct coupling of a G-protein to dihydropyridine binding sites. Biochemical and Biophysical Research Communications, 1988, 156, 1279-1286.	2.1	27
134	Sex after stroke: A CNS only dysfunction?. Pharmacological Research, 2006, 54, 11-18.	7.1	27
135	Overâ€expression of amyloid precursor protein in HEK cells alters p53 conformational state and protects against doxorubicin. Journal of Neurochemistry, 2007, 103, 322-333.	3.9	27
136	Maitotoxin-Induced Intracellular Calcium Rise in PC 12 Cells: Involvement of Dihydropyridine-Sensitive and ?-Conotoxin-Sensitive Calcium Channels and Phosphoinositide Breakdown. Journal of Neurochemistry, 1992, 59, 679-688.	3.9	26
137	PKC Activity in Rat C6 Glioma Cells: Changes Associated with Cell Cycle and Simvastatin Treatment. Biochemical and Biophysical Research Communications, 1994, 200, 1143-1149.	2.1	26
138	Characterization of the effect of ganstigmine (CHF2819) on amyloid precursor protein metabolism in SH-SY5Y neuroblastoma cells. Journal of Neural Transmission, 2003, 110, 935-947.	2.8	26
139	Emerging targets for the pharmacology of learning and memory. Pharmacological Research, 2004, 50, 111-122.	7.1	26
140	Autophagy Stimulus Promotes Early HuR Protein Activation and p62/SQSTM1 Protein Synthesis in ARPE-19 Cells by Triggering Erk1/2, p38 <sup>MAPK</sup> , and JNK Kinase Pathways. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	4.0	26
141	Bradykinin-induced amyloid precursor protein secretion: a protein kinase C-independent mechanism that is not altered in fibroblasts from patients with sporadic Alzheimer's disease. Biochemical Journal, 1998, 330, 1271-1275.	3.7	25
142	OXER1 and RACK1-associated pathway: a promising drug target for breast cancer progression. Oncogenesis, 2020, 9, 105.	4.9	25
143	Differential effects of caffeine on dihydroxyphenylacetic acid concentrations in various rat brain dopaminergic structures. Journal of Pharmacy and Pharmacology, 2011, 36, 458-460.	2.4	24
144	Amyloid- $\hat{l}^2$ and Synaptic Vesicle Dynamics: A Cacophonic Orchestra. Journal of Alzheimer's Disease, 2019, 72, 1-14.	2.6	24

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145	Pharmacogenetics and Pharmagenomics, Trends in Normal and Pathological Aging Studies: Focus on p53. Current Pharmaceutical Design, 2008, 14, 2665-2671.	1.9	23
146	Are Hsp70 protein expression and genetic polymorphism implicated in multiple sclerosis inflammation?. Journal of Neuroimmunology, 2014, 268, 84-88.	2.3	23
147	Chronic ethanol changes opiate receptor function in rat striatum. Brain Research, 1984, 293, 368-371.	2.2	22
148	Peripheral cells as an investigational tool for Alzheimer's disease. Life Sciences, 1996, 59, 461-468.	4.3	22
149	Menopause and estrogen deficiency as a risk factor in dementing illness: hypothesis on the biological basis. Maturitas, 1999, 31, 95-101.	2.4	22
150	Bladder instability: a re-appraisal of classical experimental approaches and development of new therapeutic strategies. Autonomic and Autacoid Pharmacology, 2001, 21, 219-229.	0.6	22
151	Alzheimer's disease: new diagnostic and therapeutic tools. Immunity and Ageing, 2008, 5, 7.	4.2	22
152	Localization of dopamine receptors in the rat cerebral cortex. Journal of Pharmacy and Pharmacology, 2011, 28, 244-245.	2.4	21
153	Pentraxins and Alzheimer's disease: At the interface between biomarkers and pharmacological targets. Ageing Research Reviews, 2012, 11, 189-198.	10.9	21
154	Insights into the definition of terms in European medical device regulation. Expert Review of Medical Devices, 2016, 13, 907-917.	2.8	21
155	Beta-amyloid short- and long-term synaptic entanglement. Pharmacological Research, 2019, 139, 243-260.	7.1	21
156	Cytosolic hippocampal PKC and aging. NeuroReport, 1998, 9, 725-729.	1.2	20
157	Specific Neuromodulatory Actions of Amyloid- $\hat{l}^2$ on Dopamine Release in Rat Nucleus Accumbens and Caudate Putamen. Journal of Alzheimer's Disease, 2010, 19, 1041-1053.	2.6	20
158	Zyxin is a novel target for betaâ€amyloid peptide: characterization of its role in Alzheimer's pathogenesis. Journal of Neurochemistry, 2013, 125, 790-799.	3.9	20
159	Nicotinic component of galantamine in the regulation of amyloid precursor protein processing. Chemico-Biological Interactions, 2007, 165, 138-145.	4.0	19
160	Discovery of Small Peptides Derived from Embryonic Lethal Abnormal Vision Proteins Structure Showing RNA-Stabilizing Properties. Journal of Medicinal Chemistry, 2009, 52, 5017-5019.	6.4	19
161	Effects of soluble $\tilde{A}\check{Z}\hat{A}^2$ -amyloid on the release of neurotransmitters from rat brain synaptosomes. Frontiers in Aging Neuroscience, 2014, 6, 166.	3.4	19
162	Clinical Pharmacokinetics of Morphine and Its Metabolites During Morphine Dose Titration for Chronic Cancer Pain. Therapeutic Drug Monitoring, 2014, 36, 335-344.	2.0	19

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163	Eye-Light on Age-Related Macular Degeneration: Targeting Nrf2-Pathway as a Novel Therapeutic Strategy for Retinal Pigment Epithelium. Frontiers in Pharmacology, 2020, 11, 844.	3.5	19
164	N-[ï‰-(Tetralin-1-yl)alkyl] Derivatives of 3,3-Dimethylpiperidine Are Highly Potent and Selective Ïf1 or Ïf2 Ligands. Journal of Medicinal Chemistry, 1998, 41, 3940-3947.	6.4	18
165	Dangerous Liaisons between Beta-Amyloid and Cholinergic Neurotransmission. Current Pharmaceutical Design, 2014, 20, 2525-2538.	1.9	18
166	Modulation of Rack-1/PKCβII Signalling By Soluble AβPPα in SH-SY5Y Cells. Current Alzheimer Research, 2013, 10, 697-705.	1.4	18
167	Specific inhibitory effect of amyloid- $\hat{l}^2$ on presynaptic muscarinic receptor subtypes modulating neurotransmitter release in the rat nucleus accumbens. Neuroscience, 2010, 167, 482-489.	2.3	17
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