

# Rasoul Ghasemi

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,185  
citations

471371

17  
h-index

395590

33  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycogen synthase kinase-3 beta (GSK-3 $\beta$ ) signaling: Implications for Parkinson's disease. <i>Pharmacological Research</i> , 2015, 97, 16-26.	3.1	226
2	Insulin in the Brain: Sources, Localization and Functions. <i>Molecular Neurobiology</i> , 2013, 47, 145-171.	1.9	218
3	Agmatine prevents LPS-induced spatial memory impairment and hippocampal apoptosis. <i>European Journal of Pharmacology</i> , 2010, 634, 84-88.	1.7	94
4	Brain Insulin Dysregulation: Implication for Neurological and Neuropsychiatric Disorders. <i>Molecular Neurobiology</i> , 2013, 47, 1045-1065.	1.9	93
5	Insulin protects against A $\beta$ -induced spatial memory impairment, hippocampal apoptosis and MAPKs signaling disruption. <i>Neuropharmacology</i> , 2014, 85, 113-120.	2.0	61
6	Repeated intra-hippocampal injection of beta-amyloid 25 $\mu$ g $\times$ 35 induces a reproducible impairment of learning and memory: Considering caspase-3 and MAPKs activity. <i>European Journal of Pharmacology</i> , 2014, 726, 33-40.	1.7	53
7	Thyroid hormones: Possible roles in epilepsy pathology. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 31, 155-164.	0.9	44
8	Integrated sphingosine-1 phosphate signaling in the central nervous system: From physiological equilibrium to pathological damage. <i>Pharmacological Research</i> , 2016, 104, 156-164.	3.1	37
9	Agmatine protects against intracerebroventricular streptozotocin-induced water maze memory deficit, hippocampal apoptosis and Akt/GSK3 $\beta$ signaling disruption. <i>European Journal of Pharmacology</i> , 2014, 736, 107-114.	1.7	36
10	Effect of Chronic Restraint Stress on HPA Axis Activity and Expression of BDNF and Trkb in the Hippocampus of Pregnant Rats: Possible Contribution in Depression during Pregnancy and Postpartum Period. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 131-7.	0.3	35
11	CEPO-Fc (An EPO Derivative) Protects Hippocampus Against A $\beta$ -induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of A $\beta$ Toxicity. <i>Neuroscience</i> , 2018, 388, 405-417.	1.1	27
12	The Interplay of Akt and ERK in A $\beta$ Toxicity and Insulin-Mediated Protection in Primary Hippocampal Cell Culture. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 325-334.	1.1	26
13	The neuroprotective effect of agmatine against amyloid $\beta$ -induced apoptosis in primary cultured hippocampal cells involving ERK, Akt/GSK-3 $\beta$ , and TNF- $\alpha$ . <i>Molecular Biology Reports</i> , 2019, 46, 489-496.	1.0	25
14	Agmatine Protects Against 6-OHDA-Induced Apoptosis, and ERK and Akt/GSK Disruption in SH-SY5Y Cells. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 829-838.	1.7	24
15	A Molecular Approach to Epilepsy Management: from Current Therapeutic Methods to Preconditioning Efforts. <i>Molecular Neurobiology</i> , 2015, 52, 492-513.	1.9	22
16	Crosstalk Between Insulin and Toll-like Receptor Signaling Pathways in the Central Nervous system. <i>Molecular Neurobiology</i> , 2014, 50, 797-810.	1.9	20
17	To be or not to be: PP2A as a dual player in CNS functions, its role in neurodegeneration, and its interaction with brain insulin signaling. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2277-2297.	2.4	19
18	Antibacterial properties of fluorinated diamond-like carbon films deposited by direct and remote plasma. <i>Materials Letters</i> , 2017, 188, 84-87.	1.3	17

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19	Kindling-induced learning deficiency and possible cellular and molecular involved mechanisms. <i>Neurological Sciences</i> , 2013, 34, 883-890.	0.9	15
20	Time-course study of high fat diet induced alterations in spatial memory, hippocampal JNK, P38, ERK and Akt activity. <i>Metabolic Brain Disease</i> , 2019, 34, 659-673.	1.4	14
21	Effect of carbamylated erythropoietin Fc fusion protein (CEPO-Fc) on learning and memory impairment and hippocampal apoptosis induced by intracerebroventricular administration of streptozotocin in rats. <i>Behavioural Brain Research</i> , 2020, 384, 112554.	1.2	13
22	CEPO (carbamylated erythropoietin)-Fc protects hippocampal cells in culture against beta amyloid-induced apoptosis: considering Akt/GSK-3 $\beta$ and ERK signaling pathways. <i>Molecular Biology Reports</i> , 2020, 47, 2097-2108.	1.0	11
23	Investigating the role of P38, JNK and ERK in LPS induced hippocampal insulin resistance and spatial memory impairment: effects of insulin treatment. <i>EXCLI Journal</i> , 2018, 17, 825-839.	0.5	11
24	Neurosteroids; potential underpinning roles in maintaining homeostasis. <i>General and Comparative Endocrinology</i> , 2016, 225, 242-250.	0.8	9
25	The relation between pregnancy and stress in rats: considering corticosterone level, hippocampal caspase-3 and MAPK activation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 158, 199-203.	0.5	6
26	Imipramine alleviates memory impairment and hippocampal apoptosis in STZ-induced sporadic Alzheimer's rat model: Possible contribution of MAPKs and insulin signaling. <i>Behavioural Brain Research</i> , 2021, 408, 113260.	1.2	6
27	The chemical chaperon 4-phenyl butyric acid restored high-fat diet- induced hippocampal insulin content and insulin receptor level reduction along with spatial learning and memory deficits in male rats. <i>Physiology and Behavior</i> , 2021, 231, 113312.	1.0	5
28	Roles and Interaction of the MAPK Signaling Cascade in A $\beta$ <sub>25-35</sub> -Induced Neurotoxicity Using an Isolated Primary Hippocampal Cell Culture System. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1497-1507.	1.7	4
29	Intrahippocampal Insulin Injection Does Not Prevent Against Scopolamine-Induced Spatial Memory Impairment and ERK Alteration. <i>Basic and Clinical Neuroscience</i> , 2019, 10, 23-36.	0.3	3
30	Humanin Does Not Protect Against STZ-Induced Spatial Memory Impairment. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 290-298.	1.1	2
31	Potential role of exosome in post-stroke reorganization and/or neurodegeneration. <i>EXCLI Journal</i> , 2020, 19, 1590-1606.	0.5	2
32	P1-002: A model of Alzheimer's disease by intra-CA1 injection of beta-amyloid 25-35 in rats. , 2013, 9, P154-P154.		1
33	Hippocampal D1-like but not D2-like dopamine receptors modulate the phosphorylation of ERK in food deprivation-induced reinstatement of morphine in extinguished rats. <i>NeuroReport</i> , 2021, 32, 332-338.	0.6	1
34	Primary Spinal Cord Neurons Better Attach to Non-Coated Surfaces Than to Poly(D-lysine)-Coated Surfaces. <i>Archives of Neuroscience</i> , 2020, 7, .	0.1	1
35	P2-065: TIME COURSE STUDY OF JNK ACTIVATION IN RESPONSE TO H <sub>2</sub> O <sub>2</sub> INDUCED OXIDATIVE STRESS. , 2014, 10, P493-P493.		0
36	P3-412: INSULIN PROTECTS AGAINST BETA AMYLOID INDUCED HIPPOCAMPAL CELL DEATH. , 2014, 10, P781-P781.		0

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37	Effect of carbamylated erythropoietin FC fusion protein (CEPOâ€¦FC) on learning and memory impairment and hippocampal apoptosis induced by intracerebroventricular administration of streptozotocin in rats. <i>Alzheimer's and Dementia</i> , 2020, 16, e044420.	0.4	0