Othman Ghribi

List of Publications by Year
in descending order

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85	4,065	94433	123424
papers	citations	37 h-index	61 g-index

92	92	92	5713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative stress in blood in Alzheimer's disease and mild cognitive impairment: A meta-analysis. Neurobiology of Disease, 2013, 59, 100-110.	4.4	260
2	Differential effects of 24-hydroxycholesterol and 27-hydroxycholesterol on Î²-amyloid precursor protein levels and processing in human neuroblastoma SH-SY5Y cells. Molecular Neurodegeneration, 2009, 4, 1.	10.8	163
3	Ovarian steroids and selective estrogen receptor modulators activity on rat brain NMDA and AMPA receptors. Brain Research Reviews, 2001, 37, 153-161.	9.0	144
4	High cholesterol content in neurons increases BACE, Î²-amyloid, and phosphorylated tau levels in rabbit hippocampus. Experimental Neurology, 2006, 200, 460-467.	4.1	144
5	Caffeine protects against oxidative stress and Alzheimer's disease-like pathology in rabbit hippocampus induced by cholesterol-enriched diet. Free Radical Biology and Medicine, 2010, 49, 1212-1220.	2.9	136
6	Leptin Reduces the Accumulation of AÎ² and Phosphorylated Tau Induced by 27-Hydroxycholesterol in Rabbit Organotypic Slices. Journal of Alzheimer's Disease, 2010, 19, 1007-1019.	2.6	120
7	Caffeine blocks disruption of blood brain barrier in a rabbit model of Alzheimer's disease. Journal of Neuroinflammation, 2008, 5, 12.	7.2	117
8	Caffeine Protects Against Disruptions of the Blood-Brain Barrier in Animal Models of Alzheimer's and Parkinson's Diseases. Journal of Alzheimer's Disease, 2010, 20, S127-S141.	2.6	106
9	Leptin attenuates BACE1 expression and amyloid-Î² genesis via the activation of SIRT1 signaling pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1587-1595.	3.8	103
10	GDNF Protects against Aluminum-Induced Apoptosis in Rabbits by Upregulating Bcl-2 and Bcl-XL and Inhibiting Mitochondrial Bax Translocation. Neurobiology of Disease, 2001, 8, 764-773.	4.4	97
11	Intracellular mechanisms underlying aluminum-induced apoptosis in rabbit brain. Journal of Inorganic Biochemistry, 2003, 97, 151-154.	3.5	94
12	Co-involvement of mitochondria and endoplasmic reticulum in regulation of apoptosis: changes in cytochrome c, Bcl-2 and Bax in the hippocampus of aluminum-treated rabbits. Brain Research, 2001, 903, 66-73.	2.2	89
13	Alteration of glutamate receptors in the striatum of dyskinetic 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated monkeys following dopamine agonist treatment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2002, 26, 127-138.	4.8	85
14	Lithium inhibits aluminumâ€induced apoptosis in rabbit hippocampus, by preventing cytochromeâ€ƒc translocation, Bclâ€2 decrease, Bax elevation and caspaseâ€3 activation. Journal of Neurochemistry, 2002, 82, 137-145.	3.9	84
15	The oxysterol 27â€hydroxycholesterol regulates Î±â€synuclein and tyrosine hydroxylase expression levels in human neuroblastoma cells through modulation of liver X receptors and estrogen receptorsâ€“relevance to Parkinsonâ€™s disease. Journal of Neurochemistry, 2011, 119, 1119-1136.	3.9	74
16	Lithium inhibits A?-induced stress in endoplasmic reticulum of rabbit hippocampus but does not prevent oxidative damage and tau phosphorylation. Journal of Neuroscience Research, 2003, 71, 853-862.	2.9	73
17	Silencing GADD153/CHOP Gene Expression Protects against Alzheimer's Disease-Like Pathology Induced by 27-Hydroxycholesterol in Rabbit Hippocampus. PLoS ONE, 2011, 6, e26420.	2.5	73
18	The oxysterol 27-hydroxycholesterol increases Î²-amyloid and oxidative stress in retinal pigment epithelial cells. BMC Ophthalmology, 2010, 10, 22.	1.4	71

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19	Hypercholesterolemia-induced AÎ² accumulation in rabbit brain is associated with alteration in IGF-1 signaling. Neurobiology of Disease, 2008, 32, 426-432.	4.4	68
20	Does the oxysterol 27-hydroxycholesterol underlie Alzheimer's diseaseâ€“Parkinson's disease overlap?. Experimental Gerontology, 2015, 68, 13-18.	2.8	65
21	Regulation of Î²-amyloid levels in the brain of cholesterol-fed rabbit, a model system for sporadic Alzheimerâ€™s disease. Mechanisms of Ageing and Development, 2008, 129, 649-655.	4.6	62
22	Gadd153 and NF-ÎºB Crosstalk Regulates 27-Hydroxycholesterol-Induced Increase in BACE1 and Î²-Amyloid Production in Human Neuroblastoma SH-SY5Y Cells. PLoS ONE, 2013, 8, e70773.	2.5	61
23	Potential Mechanisms Linking Cholesterol to Alzheimer's Disease-like Pathology in Rabbit Brain, Hippocampal Organotypic Slices, and Skeletal Muscle. Journal of Alzheimer's Disease, 2008, 15, 673-684.	2.6	60
24	Cholesterol-enriched diet causes age-related macular degeneration-like pathology in rabbit retina. BMC Ophthalmology, 2011, 11, 22.	1.4	60
25	Deferiprone Reduces Amyloid-Î² and Tau Phosphorylation Levels but not Reactive Oxygen Species Generation in Hippocampus of Rabbits Fed a Cholesterol-Enriched Diet. Journal of Alzheimer's Disease, 2012, 30, 167-182.	2.6	57
26	The cholesterol metabolite 27-hydroxycholesterol regulates p53 activity and increases cell proliferation via MDM2 in breast cancer cells. Molecular and Cellular Biochemistry, 2015, 410, 187-195.	3.1	50
27	Epigenetics of Inflammation, Maternal Infection, and Nutrition1â€“3. Journal of Nutrition, 2015, 145, 1109S-1115S.	2.9	49
28	MPP⁺Induces the Endoplasmic Reticulum Stress Response in Rabbit Brain Involving Activation of the ATF-6 and NF-ÎºB Signaling Pathways. Journal of Neuropathology and Experimental Neurology, 2003, 62, 1144-1153.	1.7	48
29	Aluminium and neuronal cell injury: inter-relationships between neurofilamentous arrays and apoptosis. Journal of Inorganic Biochemistry, 2001, 87, 15-19.	3.5	47
30	Endoplasmic reticulum stress-induced CHOP activation mediates the down-regulation of leptin in human neuroblastoma SH-SY5Y cells treated with the oxysterol 27-hydroxycholesterol. Cellular Signalling, 2012, 24, 484-492.	3.6	46
31	Leptin signaling and Alzheimer's disease. American Journal of Neurodegenerative Disease, 2012, 1, 245-65.	0.1	45
32	The Neuroprotective Effect of Fisetin in the MPTP Model of Parkinson's Disease. Journal of Parkinson's Disease, 2012, 2, 287-302.	2.8	43
33	Palmitate-induced Endoplasmic Reticulum stress and subsequent C/EBPÎ± Homologous Protein activation attenuates leptin and Insulin-like growth factor 1 expression in the brain. Cellular Signalling, 2016, 28, 1789-1805.	3.6	43
34	27-hydroxycholesterol: A novel player in molecular carcinogenesis of breast and prostate cancer. Chemistry and Physics of Lipids, 2017, 207, 108-126.	3.2	41
35	The endoplasmic reticulum is the main site for caspase-3 activation following aluminum-induced neurotoxicity in rabbit hippocampus. Neuroscience Letters, 2002, 324, 217-221.	2.1	40
36	Increased EID1 nuclear translocation impairs synaptic plasticity and memory function associated with pathogenesis of Alzheimer's disease. Neurobiology of Disease, 2012, 45, 902-912.	4.4	40

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37	Cholesterol-enriched diet disrupts the blood-testis barrier in rabbits. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E1125-E1130.	3.5	40
38	Aluminum Maltolate-Induced Toxicity in NT2 Cells Occurs Through Apoptosis and Includes Cytochrome c Release. NeuroToxicology, 2004, 25, 859-867.	3.0	37
39	Hippocampus of Ames dwarf mice is resistant to Î²â€amyloidâ€induced tau hyperphosphorylation and changes in apoptosisâ€regulatory protein levels. Hippocampus, 2008, 18, 239-244.	1.9	37
40	The cholesterol metabolite 27-hydroxycholesterol stimulates cell proliferation via ERÎ² in prostate cancer cells. Cancer Cell International, 2017, 17, 52.	4.1	37
41	Endolysosome Mechanisms Associated with Alzheimer's Disease-like Pathology in Rabbits Ingesting Cholesterol-Enriched Diet. Journal of Alzheimer's Disease, 2011, 22, 1289-1303.	2.6	35
42	27-hydroxycholesterol decreases cell proliferation in colon cancer cell lines. Biochimie, 2018, 153, 171-180.	2.6	35
43	AÎ²(1â€“42)-induced JNK and ERK activation in rabbit hippocampus is differentially regulated by lithium but is not involved in the phosphorylation of tau. Molecular Brain Research, 2003, 119, 201-206.	2.3	34
44	The Role of the Endoplasmic Reticulum in the Accumulation of β-Amyloid Peptide in Alzheimers Disease. Current Molecular Medicine, 2006, 6, 119-133.	1.3	34
45	Molecular interplay between leptin, insulin-like growth factor-1, and Î²-amyloid in organotypic slices from rabbit hippocampus. Molecular Neurodegeneration, 2011, 6, 41.	10.8	34
46	Î²â€Amyloid regulates leptin expression and tau phosphorylation through the mTORC1 signaling pathway. Journal of Neurochemistry, 2010, 115, 373-384.	3.9	33
47	GDNF regulates the AÎ²-induced endoplasmic reticulum stress response in rabbit hippocampus by inhibiting the activation of gadd 153 and the JNK and ERK kinases. Neurobiology of Disease, 2004, 16, 417-427.	4.4	30
48	27-Hydroxycholesterol stimulates cell proliferation and resistance to docetaxel-induced apoptosis in prostate epithelial cells. Medical Oncology, 2016, 33, 12.	2.5	27
49	AMPA receptor regulation and LTP in the hippocampus of young and aged apolipoprotein E-deficient mice. Neurobiology of Aging, 2001, 22, 9-15.	3.1	26
50	Identification of microRNAs involved in Alzheimer's progression using a rabbit model of the disease. American Journal of Neurodegenerative Disease, 2014, 3, 33-44.	0.1	26
51	Peri-nuclear clustering of mitochondria is triggered during aluminum maltolate induced apoptosis. Journal of Alzheimer's Disease, 2006, 9, 195-205.	2.6	25
52	Rabbits fed cholesterol-enriched diets exhibit pathological features of inclusion body myositis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R829-R835.	1.8	23
53	Maternal low-protein diet causes body weight loss in male, neonate Sprague–Dawley rats involving UCP-1-mediated thermogenesis. Journal of Nutritional Biochemistry, 2015, 26, 729-735.	4.2	23
54	Maternal low-protein diet decreases brain-derived neurotrophic factor expression in the brains of the neonatal rat offspring. Journal of Nutritional Biochemistry, 2017, 45, 54-66.	4.2	21

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55	Palmitate Increases Î²-site AÎ²PP-Cleavage Enzyme 1 Activity and Amyloid-Î² Genesis by Evoking Endoplasmic Reticulum Stress and Subsequent C/EBP Homologous Protein Activation. Journal of Alzheimer's Disease, 2017, 57, 907-925.	2.6	21
56	27-Hydroxycholesterol increases Î±-synuclein protein levels through proteasomal inhibition in human dopaminergic neurons. BMC Neuroscience, 2018, 19, 17.	1.9	19
57	Palmitic Acid-Enriched Diet Increases Î±-Synuclein and Tyrosine Hydroxylase Expression Levels in the Mouse Brain. Frontiers in Neuroscience, 2018, 12, 552.	2.8	19
58	Can Studies of Aluminum Toxicity In Vivo and In Vitro Provide Relevant Information on the Pathogenesis and Etiology of Alzheimer's Disease?. Journal of Alzheimer's Disease, 2007, 11, 429-430.	2.6	17
59	Nuclear Factor Kappa-light-chain-enhancer of Activated B Cells (NF-ÎºB)- a Friend, a Foe, or a Bystander - in the Neurodegenerative Cascade and Pathogenesis of Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2018, 16, 1050-1065.	1.4	17
60	Targeted glycomics by selected reaction monitoring for highly sensitive glycan compositional analysis. Proteomics, 2012, 12, 2510-2522.	2.2	16
61	Maternal low protein diet leads to placental angiogenic compensation via dysregulated M1/M2 macrophages and TNFÎ± expression in Sprague-Dawley rats. Journal of Reproductive Immunology, 2016, 118, 9-17.	1.9	16
62	Cellular hormetic response to 27-hydroxycholesterol promotes neuroprotection through AICD induction of MAST4 abundance and kinase activity. Scientific Reports, 2017, 7, 13898.	3.3	16
63	Effect of kynurenic acid on the ischaemia-induced accumulation of glutamate in rat striatum. NeuroReport, 1994, 5, 435-437.	1.2	14
64	Method for organotypic tissue culture in the aged animal. MethodsX, 2017, 4, 166-171.	1.6	14
65	Competitive NMDA receptor blockers reduce striatal glutamate accumulation in ischaemia. NeuroReport, 1994, 5, 1253-1255.	1.2	12
66	Palmitate-Induced SREBP1 Expression and Activation Underlies the Increased BACE 1 Activity and Amyloid Beta Genesis. Molecular Neurobiology, 2019, 56, 5256-5269.	4.0	11
67	Folding Free-Energy Landscape of Î±-Synuclein (35â€“97) Via Replica Exchange Molecular Dynamics. Journal of Chemical Information and Modeling, 2021, 61, 432-443.	5.4	10
68	Hypoxia-Induced Loss of Synaptic Transmission Is Exacerbated in Hippocampal Slices of Transgenic Mice Expressing C-Terminal Fragments of Alzheimer Amyloid Precursor Protein. , 1999, 9, 201-205.		9
69	A Diet Enriched in Palmitate and Deficient in Linoleate Exacerbates Oxidative Stress and Amyloid-Î² Burden in the Hippocampus of 3xTg-AD Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2019, 68, 219-237.	2.6	9
70	Preservation of the blood brain barrier integrity may underlie neuroprotective effects of statins in Alzheimer's disease. Journal of Alzheimer's Disease, 2006, 10, 407-408.	2.6	8
71	Cellular model of Alzheimer's disease â€” Relevance to therapeutic testing. Experimental Neurology, 2012, 233, 733-739.	4.1	8
72	Differential Effects of the Estrogen Receptor Agonist Estradiol on Toxicity Induced by Enzymatically-Derived or Autoxidation-Derived Oxysterols in Human ARPE-19 Cells. Current Eye Research, 2013, 38, 1159-1171.	1.5	8

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73	Alpha-Synuclein-induced DNA Methylation and Gene Expression in Microglia. Neuroscience, 2021, 468, 186-198.	2.3	8
74	Role of Endolysosomes in Skeletal Muscle Pathology Observed in a Cholesterol-Fed Rabbit Model of Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2016, 8, 129.	3.4	5
75	Molecular events linking cholesterol to Alzheimer's disease and inclusion body myositis in a rabbit model. American Journal of Neurodegenerative Disease, 2016, 5, 74-84.	0.1	4
76	[P2â€“129]: PALMITATE INDUCES BACE1 EXPRESSION AND ACTIVITY BY INDUCING STEROL RESPONSE ELEMENT BINDING PROTEIN 1 EXPRESSION AND ACTIVATION IN THE MOUSE HIPPOCAMPUS AND HUMAN SHâ€SY5Y NEUROBLASTOMA CELLS. Alzheimer's and Dementia, 2017, 13, P656.	0.8	3
77	Metabolomic Identification in Cerebrospinal Fluid of the Effects of High Dietary Cholesterol in a Rabbit Model of Alzheimer's Disease. Metabolomics: Open Access, 2012, 2, 109.	0.1	3
78	Supplementation of the diet with silicic acid to reduce body burden of aluminum: A miracle cure or useless treatment for Alzheimer's disease?. Journal of Alzheimer's Disease, 2006, 10, 25-27.	2.6	2
79	[P1â€“216]: PALMITATEâ€ENRICHED DIETâ€INDUCED ER STRESS AND CHOP ACTIVATION CAUSES TAU HYPERPHOSPHORYLATION IN THE CULTURED HUMAN NEUROBLASTOMA CELLS AND THE MOUSE BRAIN. Alzheimer's and Dementia, 2017, 13, P326.	0.8	2
80	P1-075: LEPTIN ATTENUATES BACE1 EXPRESSION AND AMYLOID-B GENESIS VIA THE ACTIVATION OF SIRT1 SIGNALING PATHWAY. , 2014, 10, P330-P331.		1
81	Leptin alleviates the saturated fatty acidâ€induced increase in BACE1 expression and Amyloidâ€Î² production â€• Relevance to Alzheimer's disease pathogenesis. FASEB Journal, 2018, 32, 659.2.	0.5	1
82	Saturated fatâ€enriched diet decreases SIRT1 expression in the mouse hippocampus â€•The SIRTain effects of saturated fat in the brain. FASEB Journal, 2018, 32, lb7.	0.5	1
83	Stabilization of bloodâ€brain barrier by caffeine in cholesterolâ€fed rabbits. FASEB Journal, 2007, 21, A1168.	0.5	0
84	Cholesterolâ€enriched diet induces endosome/lysosome dysfunction in a rabbit model of inclusion body myositis. FASEB Journal, 2009, 23, LB135.	0.5	0
85	Calcitriol increases leptin expression in neuronal cells â€•Implications for Alzheimer's Disease. FASEB Journal, 2018, 32, 805.1.	0.5	0