Othman Ghribi

List of Publications by Year
in descending order

85 papers	4,065 citations	37 h-index	61 g-index
92 all docs	92 docs citations	92 times ranked	5713 citing authors

94433
123424

#	Article	IF	Citations
1	Alpha-Synuclein-induced DNA Methylation and Gene Expression in Microglia. Neuroscience, 2021, 468, 186-198.	2.3	8
2	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
3	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
4	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
5	27-Hydroxycholesterol increases Î±-synuclein protein levels through proteasomal inhibition in human dopaminergic neurons. BMC Neuroscience, 2018, 19, 17.	1.9	19
6	27-hydroxycholesterol decreases cell proliferation in colon cancer cell lines. Biochimie, 2018, 153, 171-180.	2.6	35
7	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
8	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
9	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
10	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
11	Calcitriol increases leptin expression in neuronal cells â€•Implications for Alzheimer's Disease. FASEB Journal, 2018, 32, 805.1.	0.5	0
12	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
13	Method for organotypic tissue culture in the aged animal. MethodsX, 2017, 4, 166-171.	1.6	14
14	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
15	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
16	The cholesterol metabolite 27-hydroxycholesterol stimulates cell proliferation via ERÎ² in prostate cancer cells. Cancer Cell International, 2017, 17, 52.	4.1	37
17	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
18	[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

#	Article	IF	Citations
19	[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
20	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
21	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
22	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
23	27-Hydroxycholesterol stimulates cell proliferation and resistance to docetaxel-induced apoptosis in prostate epithelial cells. Medical Oncology, 2016, 33, 12.	2.5	27
24	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
25	Maternal low-protein diet causes body weight loss in male, neonate Spragueâ€"Dawley rats involving UCP-1-mediated thermogenesis. Journal of Nutritional Biochemistry, 2015, 26, 729-735.	4.2	23
26	Does the oxysterol 27-hydroxycholesterol underlie Alzheimer's diseaseâ€"Parkinson's disease overlap?. Experimental Gerontology, 2015, 68, 13-18.	2.8	65
27	Epigenetics of Inflammation, Maternal Infection, and Nutrition1â€"3. Journal of Nutrition, 2015, 145, 1109S-1115S.	2.9	49
28	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
29	Cholesterol-enriched diet disrupts the blood-testis barrier in rabbits. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E1125-E1130.	3.5	40
30	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
31	P1-075: LEPTIN ATTENUATES BACE1 EXPRESSION AND AMYLOID-B GENESIS VIA THE ACTIVATION OF SIRT1 SIGNALING PATHWAY. , 2014, 10, P330-P331.		1
32	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
33	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
34	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
35	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
36	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

#	Article	IF	Citations
37	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
38	Targeted glycomics by selected reaction monitoring for highly sensitive glycan compositional analysis. Proteomics, 2012, 12, 2510-2522.	2.2	16
39	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
40	Cellular model of Alzheimer's disease â€" Relevance to therapeutic testing. Experimental Neurology, 2012, 233, 733-739.	4.1	8
41	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
42	Leptin signaling and Alzheimer's disease. American Journal of Neurodegenerative Disease, 2012, 1, 245-65.	0.1	45
43	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
44	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
45	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
46	Cholesterol-enriched diet causes age-related macular degeneration-like pathology in rabbit retina. BMC Ophthalmology, 2011, 11, 22.	1.4	60
47	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
48	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
49	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
50	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
51	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
52	The oxysterol 27-hydroxycholesterol increases Î²-amyloid and oxidative stress in retinal pigment epithelial cells. BMC Ophthalmology, 2010, 10, 22.	1.4	71
53	Î²â€Amyloid regulates leptin expression and tau phosphorylation through the mTORC1 signaling pathway. Journal of Neurochemistry, 2010, 115, 373-384.	3.9	33
54	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

#	Article	IF	Citations
55	Cholesterolâ€enriched diet induces endosome/lysosome dysfunction in a rabbit model of inclusion body myositis. FASEB Journal, 2009, 23, LB135.	0.5	0
56	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
57	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
58	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
59	Caffeine blocks disruption of blood brain barrier in a rabbit model of Alzheimer's disease. Journal of Neuroinflammation, 2008, 5, 12.	7.2	117
60	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
61	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
62	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
63	Stabilization of bloodâ€brain barrier by caffeine in cholesterolâ€fed rabbits. FASEB Journal, 2007, 21, A1168.	0.5	0
64	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
65	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
66	Peri-nuclear clustering of mitochondria is triggered during aluminum maltolate induced apoptosis. Journal of Alzheimer's Disease, 2006, 9, 195-205.	2.6	25
67	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
68	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
69	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
70	Aluminum Maltolate-Induced Toxicity in NT2 Cells Occurs Through Apoptosis and Includes Cytochrome c Release. NeuroToxicology, 2004, 25, 859-867.	3.0	37
71	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
72	Intracellular mechanisms underlying aluminum-induced apoptosis in rabbit brain. Journal of Inorganic Biochemistry, 2003, 97, 151-154.	3.5	94

#	Article	IF	Citations
73	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
74	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
75	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
76	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
77	Lithium inhibits aluminumâ€induced apoptosis in rabbit hippocampus, by preventing cytochromeâ€ƒ<i>c</i> translocation, Bclâ€2 decrease, Bax elevation and caspaseâ€3 activation. Journal of Neurochemistry, 2002, 82, 137-145.	3.9	84
78	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
79	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
80	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
81	Aluminium and neuronal cell injury: inter-relationships between neurofilamentous arrays and apoptosis. Journal of Inorganic Biochemistry, 2001, 87, 15-19.	3.5	47
82	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
83	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
84	Competitive NMDA receptor blockers reduce striatal glutamate accumulation in ischaemia. NeuroReport, 1994, 5, 1253-1255.	1.2	12
85	Effect of kynurenic acid on the ischaemia-induced accumulation of glutamate in rat striatum. NeuroReport, 1994, 5, 435-437.	1.2	14