

Gurdeep Marwarha

List of Publications by Year in descending order

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33
papers

1,337
citations

361045

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h-index

414034

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docs citations

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times ranked

2170
citing authors

#	ARTICLE	IF	CITATIONS
1	Caffeine protects against oxidative stress and Alzheimer's disease-like pathology in rabbit hippocampus induced by cholesterol-enriched diet. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1212-1220.	1.3	136
2	Leptin Reduces the Accumulation of A β and Phosphorylated Tau Induced by 27-Hydroxycholesterol in Rabbit Organotypic Slices. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1007-1019.	1.2	120
3	The STRA6 Receptor Is Essential for Retinol-binding Protein-induced Insulin Resistance but Not for Maintaining Vitamin A Homeostasis in Tissues Other Than the Eye. <i>Journal of Biological Chemistry</i> , 2013, 288, 24528-24539.	1.6	117
4	Leptin attenuates BACE1 expression and amyloid- β genesis via the activation of SIRT1 signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1587-1595.	1.8	103
5	The oxysterol 27-hydroxycholesterol regulates α -synuclein and tyrosine hydroxylase expression levels in human neuroblastoma cells through modulation of liver X receptors and estrogen receptors' relevance to Parkinson's disease. <i>Journal of Neurochemistry</i> , 2011, 119, 1119-1136.	2.1	74
6	The oxysterol 27-hydroxycholesterol increases β -amyloid and oxidative stress in retinal pigment epithelial cells. <i>BMC Ophthalmology</i> , 2010, 10, 22.	0.6	71
7	Does the oxysterol 27-hydroxycholesterol underlie Alzheimer's disease-Parkinson's disease overlap?. <i>Experimental Gerontology</i> , 2015, 68, 13-18.	1.2	65
8	Gadd153 and NF- κ B Crosstalk Regulates 27-Hydroxycholesterol-Induced Increase in BACE1 and β -Amyloid Production in Human Neuroblastoma SH-SY5Y Cells. <i>PLoS ONE</i> , 2013, 8, e70773.	1.1	61
9	Cholesterol-enriched diet causes age-related macular degeneration-like pathology in rabbit retina. <i>BMC Ophthalmology</i> , 2011, 11, 22.	0.6	60
10	Deferiprone Reduces Amyloid- β and Tau Phosphorylation Levels but not Reactive Oxygen Species Generation in Hippocampus of Rabbits Fed a Cholesterol-Enriched Diet. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 167-182.	1.2	57
11	Endoplasmic reticulum stress-induced CHOP activation mediates the down-regulation of leptin in human neuroblastoma SH-SY5Y cells treated with the oxysterol 27-hydroxycholesterol. <i>Cellular Signalling</i> , 2012, 24, 484-492.	1.7	46
12	Leptin signaling and Alzheimer's disease. <i>American Journal of Neurodegenerative Disease</i> , 2012, 1, 245-65.	0.1	45
13	Palmitate-induced Endoplasmic Reticulum stress and subsequent C/EBP β Homologous Protein activation attenuates leptin and Insulin-like growth factor 1 expression in the brain. <i>Cellular Signalling</i> , 2016, 28, 1789-1805.	1.7	43
14	27-hydroxycholesterol: A novel player in molecular carcinogenesis of breast and prostate cancer. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 108-126.	1.5	41
15	27-hydroxycholesterol decreases cell proliferation in colon cancer cell lines. <i>Biochimie</i> , 2018, 153, 171-180.	1.3	35
16	Molecular interplay between leptin, insulin-like growth factor-1, and β -amyloid in organotypic slices from rabbit hippocampus. <i>Molecular Neurodegeneration</i> , 2011, 6, 41.	4.4	34
17	β -Amyloid regulates leptin expression and tau phosphorylation through the mTORC1 signaling pathway. <i>Journal of Neurochemistry</i> , 2010, 115, 373-384.	2.1	33
18	The retinol esterifying enzyme LRAT supports cell signaling by retinol-binding protein and its receptor STRA6. <i>FASEB Journal</i> , 2014, 28, 26-34.	0.2	28

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19	Maternal low-protein diet decreases brain-derived neurotrophic factor expression in the brains of the neonatal rat offspring. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 54-66.	1.9	21
20	Palmitate Increases β -site APP-Cleavage Enzyme 1 Activity and Amyloid- β Genesis by Evoking Endoplasmic Reticulum Stress and Subsequent C/EBP Homologous Protein Activation. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 907-925.	1.2	21
21	27-Hydroxycholesterol increases α -synuclein protein levels through proteasomal inhibition in human dopaminergic neurons. <i>BMC Neuroscience</i> , 2018, 19, 17.	0.8	19
22	Palmitic Acid-Enriched Diet Increases α -Synuclein and Tyrosine Hydroxylase Expression Levels in the Mouse Brain. <i>Frontiers in Neuroscience</i> , 2018, 12, 552.	1.4	19
23	Nuclear Factor Kappa-light-chain-enhancer of Activated B Cells (NF- κ B)- a Friend, a Foe, or a Bystander - in the Neurodegenerative Cascade and Pathogenesis of Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 1050-1065.	0.8	17
24	Method for organotypic tissue culture in the aged animal. <i>MethodsX</i> , 2017, 4, 166-171.	0.7	14
25	Palmitate-Induced SREBP1 Expression and Activation Underlies the Increased BACE 1 Activity and Amyloid Beta Genesis. <i>Molecular Neurobiology</i> , 2019, 56, 5256-5269.	1.9	11
26	A Diet Enriched in Palmitate and Deficient in Linoleate Exacerbates Oxidative Stress and Amyloid- β Burden in the Hippocampus of 3xTg-AD Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 219-237.	1.2	9
27	Cellular model of Alzheimer's disease "Relevance to therapeutic testing. <i>Experimental Neurology</i> , 2012, 233, 733-739.	2.0	8
28	[P2]: PALMITATE INDUCES BACE1 EXPRESSION AND ACTIVITY BY INDUCING STEROL RESPONSE ELEMENT BINDING PROTEIN 1 EXPRESSION AND ACTIVATION IN THE MOUSE HIPPOCAMPUS AND HUMAN SH-SY5Y NEUROBLASTOMA CELLS. <i>Alzheimer's and Dementia</i> , 2017, 13, P656.	0.4	3
29	[P1]: PALMITATE-ENRICHED DIET-INDUCED ER STRESS AND CHOP ACTIVATION CAUSES TAU HYPERPHOSPHORYLATION IN THE CULTURED HUMAN NEUROBLASTOMA CELLS AND THE MOUSE BRAIN. <i>Alzheimer's and Dementia</i> , 2017, 13, P326.	0.4	2
30	P1-075: LEPTIN ATTENUATES BACE1 EXPRESSION AND AMYLOID-B GENESIS VIA THE ACTIVATION OF SIRT1 SIGNALING PATHWAY. , 2014, 10, P330-P331.		1
31	Leptin alleviates the saturated fatty acid-induced increase in BACE1 expression and Amyloid- β production "Relevance to Alzheimer's disease pathogenesis. <i>FASEB Journal</i> , 2018, 32, 659.2.	0.2	1
32	Saturated fat-enriched diet decreases SIRT1 expression in the mouse hippocampus "The SIRT1 effects of saturated fat in the brain. <i>FASEB Journal</i> , 2018, 32, lb7.	0.2	1
33	Calcitriol increases leptin expression in neuronal cells "Implications for Alzheimer's Disease. <i>FASEB Journal</i> , 2018, 32, 805.1.	0.2	0