

Sandeep Sharma

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	1,487 citations	19 h-index	27 g-index
27 ext. papers	1,766 ext. citations	7.5 avg, IF	4.88 L-index

#	Paper	IF	Citations
26	Diet-induced obesity promotes depressive-like behaviour that is associated with neural adaptations in brain reward circuitry. <i>International Journal of Obesity</i> , 2013 , 37, 382-9	5.5	252
25	Metabolic disturbances connecting obesity and depression. <i>Frontiers in Neuroscience</i> , 2013 , 7, 177	5.1	179
24	Adaptations in brain reward circuitry underlie palatable food cravings and anxiety induced by high-fat diet withdrawal. <i>International Journal of Obesity</i> , 2013 , 37, 1183-91	5.5	141
23	Omega-3 fatty acid deficiency during brain maturation reduces neuronal and behavioral plasticity in adulthood. <i>PLoS ONE</i> , 2011 , 6, e28451	3.7	125
22	Late-onset intermittent fasting dietary restriction as a potential intervention to retard age-associated brain function impairments in male rats. <i>Age</i> , 2012 , 34, 917-33		98
21	Dietary curcumin supplementation counteracts reduction in levels of molecules involved in energy homeostasis after brain trauma. <i>Neuroscience</i> , 2009 , 161, 1037-44	3.9	87
20	Single-Cell Transcriptomics and Fate Mapping of Ependymal Cells Reveals an Absence of Neural Stem Cell Function. <i>Cell</i> , 2018 , 173, 1045-1057.e9	56.2	84
19	Leptin Suppresses the Rewarding Effects of Running via STAT3 Signaling in Dopamine Neurons. <i>Cell Metabolism</i> , 2015 , 22, 741-9	24.6	69
18	A pyrazole curcumin derivative restores membrane homeostasis disrupted after brain trauma. <i>Experimental Neurology</i> , 2010 , 226, 191-9	5.7	59
17	Neuroprotective potential of dietary restriction against kainate-induced excitotoxicity in adult male Wistar rats. <i>Brain Research Bulletin</i> , 2005 , 67, 482-91	3.9	54
16	High-fat diet transition reduces brain DHA levels associated with altered brain plasticity and behaviour. <i>Scientific Reports</i> , 2012 , 2, 431	4.9	52
15	Nucleus accumbens inflammation mediates anxiodepressive behavior and compulsive sucrose seeking elicited by saturated dietary fat. <i>Molecular Metabolism</i> , 2018 , 10, 1-13	8.8	41
14	Integration of Descending Command Systems for the Generation of Context-Specific Locomotor Behaviors. <i>Frontiers in Neuroscience</i> , 2017 , 11, 581	5.1	31
13	Age-related impairments in neuronal plasticity markers and astrocytic GFAP and their reversal by late-onset short term dietary restriction. <i>Biogerontology</i> , 2008 , 9, 441-54	4.5	31
12	Saturated high-fat feeding independent of obesity alters hypothalamus-pituitary-adrenal axis function but not anxiety-like behaviour. <i>Psychoneuroendocrinology</i> , 2017 , 83, 142-149	5	30
11	Progressive-ratio responding for palatable high-fat and high-sugar food in mice. <i>Journal of Visualized Experiments</i> , 2012 , e3754	1.6	30
10	Late-onset dietary restriction compensates for age-related increase in oxidative stress and alterations of HSP 70 and synapsin 1 protein levels in male Wistar rats. <i>Biogerontology</i> , 2010 , 11, 197-209	4.5	27

9	Parallel descending dopaminergic connectivity of A13 cells to the brainstem locomotor centers. <i>Scientific Reports</i> , 2018 , 8, 7972	4.9	22
8	Dietary restriction enhances kainate-induced increase in NCAM while blocking the glial activation in adult rat brain. <i>Neurochemical Research</i> , 2008 , 33, 1178-88	4.6	20
7	Optogenetic Activation of A11 Region Increases Motor Activity. <i>Frontiers in Neural Circuits</i> , 2018 , 12, 86	3.5	15
6	Nutritional controls of food reward. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 260-268	2.1	12
5	Intermittent dietary restriction as a practical intervention in aging. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1114, 419-27	6.5	12
4	Perinatal deficiency in dietary omega-3 fatty acids potentiates sucrose reward and diet-induced obesity in mice. <i>International Journal of Developmental Neuroscience</i> , 2018 , 64, 8-13	2.7	10
3	Anxiety-like behavior in female mice is modulated by STAT3 signaling in midbrain dopamine neurons. <i>Brain, Behavior, and Immunity</i> , 2021 , 95, 391-400	16.6	3
2	Towards a connectome of descending commands controlling locomotion. <i>Current Opinion in Physiology</i> , 2019 , 8, 70-75	2.6	2
1	The Therapeutical Potential of Diet and Exercise on Brain Repair 2010 , 485-498		1