Sandeep Sharma

List of Publications by Year in Descending Order

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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	Anxiety-like behavior in female mice is modulated by STAT3 signaling in midbrain dopamine neurons. *Brain, Behavior, and Immunity*, **2021**, 95, 391-400	16.6	3
25	Towards a connectome of descending commands controlling locomotion. *Current Opinion in Physiology*, **2019**, 8, 70-75	2.6	2
24	Nucleus accumbens inflammation mediates anxiodepressive behavior and compulsive sucrose seeking elicited by saturated dietary fat. *Molecular Metabolism*, **2018**, 10, 1-13	8.8	41
23	Single-Cell Transcriptomics and Fate Mapping of Ependymal Cells Reveals an Absence of Neural Stem Cell Function. *Cell*, **2018**, 173, 1045-1057.e9	56.2	84
22	Perinatal deficiency in dietary omega-3 fatty acids potentiates sucrose reward and diet-induced obesity in mice. *International Journal of Developmental Neuroscience*, **2018**, 64, 8-13	2.7	10
21	Optogenetic Activation of A11 Region Increases Motor Activity. *Frontiers in Neural Circuits*, **2018**, 12, 86	3.5	15
20	Parallel descending dopaminergic connectivity of A13 cells to the brainstem locomotor centers. *Scientific Reports*, **2018**, 8, 7972	4.9	22
19	Saturated high-fat feeding independent of obesity alters hypothalamus-pituitary-adrenal axis function but not anxiety-like behaviour. *Psychoneuroendocrinology*, **2017**, 83, 142-149	5	30
18	Integration of Descending Command Systems for the Generation of Context-Specific Locomotor Behaviors. *Frontiers in Neuroscience*, **2017**, 11, 581	5.1	31
17	Leptin Suppresses the Rewarding Effects of Running via STAT3 Signaling in Dopamine Neurons. *Cell Metabolism*, **2015**, 22, 741-9	24.6	69
16	Diet-induced obesity promotes depressive-like behaviour that is associated with neural adaptations in brain reward circuitry. *International Journal of Obesity*, **2013**, 37, 382-9	5.5	252
15	Adaptations in brain reward circuitry underlie palatable food cravings and anxiety induced by high-fat diet withdrawal. *International Journal of Obesity*, **2013**, 37, 1183-91	5.5	141
14	Nutritional controls of food reward. *Canadian Journal of Diabetes*, **2013**, 37, 260-268	2.1	12
13	Metabolic disturbances connecting obesity and depression. *Frontiers in Neuroscience*, **2013**, 7, 177	5.1	179
12	Late-onset intermittent fasting dietary restriction as a potential intervention to retard age-associated brain function impairments in male rats. *Age*, **2012**, 34, 917-33		98
11	High-fat diet transition reduces brain DHA levels associated with altered brain plasticity and behaviour. *Scientific Reports*, **2012**, 2, 431	4.9	52
10	Progressive-ratio responding for palatable high-fat and high-sugar food in mice. *Journal of Visualized Experiments*, **2012**, e3754	1.6	30

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9	Omega-3 fatty acid deficiency during brain maturation reduces neuronal and behavioral plasticity in adulthood. *PLoS ONE*, **2011**, 6, e28451	3.7	125
8	A pyrazole curcumin derivative restores membrane homeostasis disrupted after brain trauma. *Experimental Neurology*, **2010**, 226, 191-9	5.7	59
7	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. *Biogerontology*, **2010**, 11, 197-209	4.5	27
6	The Therapeutical Potential of Diet and Exercise on Brain Repair **2010**, 485-498		1
5	Dietary curcumin supplementation counteracts reduction in levels of molecules involved in energy homeostasis after brain trauma. *Neuroscience*, **2009**, 161, 1037-44	3.9	87
4	Dietary restriction enhances kainate-induced increase in NCAM while blocking the glial activation in adult rat brain. *Neurochemical Research*, **2008**, 33, 1178-88	4.6	20
3	Age-related impairments in neuronal plasticity markers and astrocytic GFAP and their reversal by late-onset short term dietary restriction. *Biogerontology*, **2008**, 9, 441-54	4.5	31
2	Intermittent dietary restriction as a practical intervention in aging. *Annals of the New York Academy of Sciences*, **2007**, 1114, 419-27	6.5	12
1	Neuroprotective potential of dietary restriction against kainate-induced excitotoxicity in adult male Wistar rats. *Brain Research Bulletin*, **2005**, 67, 482-91	3.9	54