

# Ramalingam Vetrivelan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,364  
citations

643344

15  
h-index

721071

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic circadian disruption on a high-fat diet impairs glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , 2022, 130, 155158.	1.5	8
2	Recurring circadian disruption alters circadian clock sensitivity to resetting. <i>European Journal of Neuroscience</i> , 2020, 51, 2343-2354.	1.2	19
3	Critical Dynamics and Coupling in Bursts of Cortical Rhythms Indicate Non-Homeostatic Mechanism for Sleep-Stage Transitions and Dual Role of VLPO Neurons in Both Sleep and Wake. <i>Journal of Neuroscience</i> , 2020, 40, 171-190.	1.7	31
4	Sleep-Wake Control by Melanin-Concentrating Hormone (MCH) Neurons: a Review of Recent Findings. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 55.	2.0	11
5	Roles of motor and cortical activity in sleep rebound in rat. <i>European Journal of Neuroscience</i> , 2020, 52, 4100-4114.	1.2	1
6	Acute sleep deprivation enhances susceptibility to the migraine substrate cortical spreading depolarization. <i>Journal of Headache and Pain</i> , 2020, 21, 86.	2.5	18
7	Role of glutamate release from melanin-concentrating hormone neurons in REM sleep regulation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020, 93, 1-O-014.	0.0	0
8	Lateral hypothalamic neurotensin neurons promote arousal and hyperthermia. <i>PLoS Biology</i> , 2019, 17, e3000172.	2.6	39
9	Ventrolateral periaqueductal gray mediates rapid eye movement sleep regulation by melanin-concentrating hormone neurons. <i>Neuroscience</i> , 2019, 406, 314-324.	1.1	25
10	Neural Circuitry Regulating REM Sleep and Its Implication in REM Sleep Behavior Disorder. , 2019, , 559-577.		4
11	Melanin-concentrating hormone neurons promote rapid eye movement sleep independent of glutamate release. <i>Brain Structure and Function</i> , 2019, 224, 99-110.	1.2	12
12	Galanin neurons in the ventrolateral preoptic area promote sleep and heat loss in mice. <i>Nature Communications</i> , 2018, 9, 4129.	5.8	176
13	Melanin-concentrating hormone neurons contribute to dysregulation of rapid eye movement sleep in narcolepsy. <i>Neurobiology of Disease</i> , 2018, 120, 12-20.	2.1	34
14	Ventral medullary control of rapid eye movement sleep and atonia. <i>Experimental Neurology</i> , 2017, 290, 53-62.	2.0	23
15	Nigrostriatal Dopamine Acting on Globus Pallidus Regulates Sleep. <i>Cerebral Cortex</i> , 2016, 26, 1430-1439.	1.6	69
16	Mitochondrial ROS regulate thermogenic energy expenditure and sulfenylation of UCP1. <i>Nature</i> , 2016, 532, 112-116.	13.7	341
17	Melanin-concentrating hormone neurons specifically promote rapid eye movement sleep in mice. <i>Neuroscience</i> , 2016, 336, 102-113.	1.1	80
18	Armodafinil-induced wakefulness in animals with ventrolateral preoptic lesions. <i>Nature and Science of Sleep</i> , 2014, 6, 57.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Identification and Characterization of a Sleep-Active Cell Group in the Rostral Medullary Brainstem. <i>Journal of Neuroscience</i> , 2012, 32, 17970-17976.	1.7	102
20	Metabolic Effects of Chronic Sleep Restriction in Rats. <i>Sleep</i> , 2012, 35, 1511-1520.	0.6	49
21	Brainstem and Spinal Cord Circuitry Regulating REM Sleep and Muscle Atonia. <i>PLoS ONE</i> , 2011, 6, e24998.	1.1	127
22	Role of Basal Ganglia in Sleep-Wake Regulation: Neural Circuitry and Clinical Significance. <i>Frontiers in Neuroanatomy</i> , 2010, 4, 145.	0.9	68
23	Medullary Circuitry Regulating Rapid Eye Movement Sleep and Motor Atonia. <i>Journal of Neuroscience</i> , 2009, 29, 9361-9369.	1.7	96
24	Sleep induction and temperature lowering by medial preoptic $\alpha 1$ adrenergic receptors. <i>Physiology and Behavior</i> , 2006, 87, 707-713.	1.0	12
25	Unmasking of $\alpha 1$ adrenoceptor induced hypnogenic response from medial preoptic area. <i>Physiology and Behavior</i> , 2005, 84, 641-650.	1.0	9