

Elda Arrigoni

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.

39
papers

2,170
citations

23
h-index

43
g-index

43
ext. papers

2,824
ext. citations

7.8
avg, IF

5.21
L-index

#	Paper	IF	Citations
39	Neural Circuitry of Wakefulness and Sleep. <i>Neuron</i> , 2017 , 93, 747-765	13.9	365
38	The GABAergic parafacial zone is a medullary slow wave sleep-promoting center. <i>Nature Neuroscience</i> , 2014 , 17, 1217-24	25.5	191
37	Basal forebrain control of wakefulness and cortical rhythms. <i>Nature Communications</i> , 2015 , 6, 8744	17.4	162
36	Hippocampal synaptic plasticity and spatial learning are impaired in a rat model of sleep fragmentation. <i>European Journal of Neuroscience</i> , 2006 , 23, 2739-48	3.5	158
35	Orexin receptor 2 expression in the posterior hypothalamus rescues sleepiness in narcoleptic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4471-6	11.5	106
34	Galanin neurons in the ventrolateral preoptic area promote sleep and heat loss in mice. <i>Nature Communications</i> , 2018 , 9, 4129	17.4	101
33	Cholinergic, Glutamatergic, and GABAergic Neurons of the Pedunculopontine Tegmental Nucleus Have Distinct Effects on Sleep/Wake Behavior in Mice. <i>Journal of Neuroscience</i> , 2017 , 37, 1352-1366	6.6	99
32	Focal deletion of the adenosine A1 receptor in adult mice using an adeno-associated viral vector. <i>Journal of Neuroscience</i> , 2003 , 23, 5762-70	6.6	86
31	Supramammillary glutamate neurons are a key node of the arousal system. <i>Nature Communications</i> , 2017 , 8, 1405	17.4	79
30	Role of the medial prefrontal cortex in cataplexy. <i>Journal of Neuroscience</i> , 2013 , 33, 9743-51	6.6	68
29	Optogenetic-mediated release of histamine reveals distal and autoregulatory mechanisms for controlling arousal. <i>Journal of Neuroscience</i> , 2014 , 34, 6023-9	6.6	67
28	Adenosine-mediated presynaptic modulation of glutamatergic transmission in the laterodorsal tegmentum. <i>Journal of Neuroscience</i> , 2001 , 21, 1076-85	6.6	62
27	Melanin-concentrating hormone neurons release glutamate for feedforward inhibition of the lateral septum. <i>Journal of Neuroscience</i> , 2015 , 35, 3644-51	6.6	58
26	Melanin-concentrating hormone neurons specifically promote rapid eye movement sleep in mice. <i>Neuroscience</i> , 2016 , 336, 102-113	3.9	55
25	To eat or to sleep: That is a lateral hypothalamic question. <i>Neuropharmacology</i> , 2019 , 154, 34-49	5.5	55
24	Identification of a direct GABAergic pallidocortical pathway in rodents. <i>European Journal of Neuroscience</i> , 2015 , 41, 748-59	3.5	50
23	Schaffer collateral and perforant path inputs activate different subtypes of NMDA receptors on the same CA1 pyramidal cell. <i>British Journal of Pharmacology</i> , 2004 , 142, 317-22	8.6	48

22	The anatomical, cellular and synaptic basis of motor atonia during rapid eye movement sleep. <i>Journal of Physiology</i> , 2016 , 594, 5391-414	3.9	42
21	What optogenetic stimulation is telling us (and failing to tell us) about fast neurotransmitters and neuromodulators in brain circuits for wake-sleep regulation. <i>Current Opinion in Neurobiology</i> , 2014 , 29, 165-71	7.6	41
20	Adenosine induces inositol 1,4,5-trisphosphate receptor-mediated mobilization of intracellular calcium stores in basal forebrain cholinergic neurons. <i>Journal of Neuroscience</i> , 2002 , 22, 7680-6	6.6	41
19	Regulation of Lateral Hypothalamic Orexin Activity by Local GABAergic Neurons. <i>Journal of Neuroscience</i> , 2018 , 38, 1588-1599	6.6	29
18	A Glutamatergic Hypothalamomedullary Circuit Mediates Thermogenesis, but Not Heat Conservation, during Stress-Induced Hyperthermia. <i>Current Biology</i> , 2018 , 28, 2291-2301.e5	6.3	28
17	Suprachiasmatic VIP neurons are required for normal circadian rhythmicity and comprised of molecularly distinct subpopulations. <i>Nature Communications</i> , 2020 , 11, 4410	17.4	28
16	Non-Crh Glutamatergic Neurons in Barrington's Nucleus Control Micturition via Glutamatergic Afferents from the Midbrain and Hypothalamus. <i>Current Biology</i> , 2019 , 29, 2775-2789.e7	6.3	20
15	Descending projections from the basal forebrain to the orexin neurons in mice. <i>Journal of Comparative Neurology</i> , 2017 , 525, 1668-1684	3.4	19
14	An Inhibitory Lateral Hypothalamic-Preoptic Circuit Mediates Rapid Arousals from Sleep. <i>Current Biology</i> , 2019 , 29, 4155-4168.e5	6.3	19
13	Genetic Activation, Inactivation, and Deletion Reveal a Limited And Nuanced Role For Somatostatin-Containing Basal Forebrain Neurons in Behavioral State Control. <i>Journal of Neuroscience</i> , 2018 , 38, 5168-5181	6.6	15
12	Reassessing the Role of Histaminergic Tuberomammillary Neurons in Arousal Control. <i>Journal of Neuroscience</i> , 2019 , 39, 8929-8939	6.6	14
11	Long-term synaptic plasticity is impaired in rats with lesions of the ventrolateral preoptic nucleus. <i>European Journal of Neuroscience</i> , 2009 , 30, 2112-20	3.5	14
10	Low-voltage activated calcium channels are differently affected by nimodipine. <i>NeuroReport</i> , 1993 , 5, 145-7	1.7	14
9	Nitric oxide-induced adenosine inhibition of hippocampal synaptic transmission depends on adenosine kinase inhibition and is cyclic GMP independent. <i>European Journal of Neuroscience</i> , 2006 , 24, 2471-80	3.5	12
8	Role of serotonergic dorsal raphe neurons in hypercapnia-induced arousals. <i>Nature Communications</i> , 2020 , 11, 2769	17.4	11
7	Calcium influx in rat thalamic relay neurons through voltage-dependent calcium channels is inhibited by enkephalin. <i>Neuroscience Letters</i> , 1995 , 201, 21-4	3.3	8
6	Muscarinic Inhibition of Hypoglossal Motoneurons: Possible Implications for Upper Airway Muscle Hypotonia during REM Sleep. <i>Journal of Neuroscience</i> , 2019 , 39, 7910-7919	6.6	2
5	The Circuit, Cellular, and Synaptic Bases of Sleep-Wake Regulation. <i>Handbook of Behavioral Neuroscience</i> , 2019 , 65-88	0.7	2

4	066 Noradrenaline and acetylcholine inhibit sleep-promoting neurons of ventrolateral preoptic area through a local GABAergic circuit. <i>Sleep</i> , 2021 , 44, A27-A28	1.1	○
3	Addicted to dreaming.. <i>Science</i> , 2022 , 375, 972-973	33.3	○
2	026 Vasoactive Intestinal Polypeptide Directly Excites Neurons of the Subparaventricular Zone. <i>Sleep</i> , 2021 , 44, A12-A12	1.1	
1	074 Basal Forebrain GABAergic Neurons Promote Arousal by Disinhibiting the Orexin Neurons via Local GABAergic Interneurons. <i>Sleep</i> , 2021 , 44, A31-A31	1.1	