

Pierre-Hervé Luppi

List of Publications by Year in descending order

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134
papers

10,238
citations

36303

51
h-index

36028

97
g-index

143
all docs

143
docs citations

143
times ranked

6331
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Identification of sleep-promoting neurons in vitro. <i>Nature</i> , 2000, 404, 992-995. | 27.8 | 448 |
| 2 | Forebrain afferents to the rat dorsal raphe nucleus demonstrated by retrograde and anterograde tracing methods. <i>Neuroscience</i> , 1997, 82, 443-468. | 2.3 | 447 |
| 3 | Both the Hippocampus and Striatum Are Involved in Consolidation of Motor Sequence Memory. <i>Neuron</i> , 2008, 58, 261-272. | 8.1 | 387 |
| 4 | A role of melanin-concentrating hormone producing neurons in the central regulation of paradoxical sleep. <i>BMC Neuroscience</i> , 2003, 4, 19. | 1.9 | 379 |
| 5 | Narcolepsy " clinical spectrum, aetiopathophysiology, diagnosis and treatment. <i>Nature Reviews Neurology</i> , 2019, 15, 519-539. | 10.1 | 364 |
| 6 | Afferent projections to the rat locus coeruleus demonstrated by retrograde and anterograde tracing with cholera-toxin B subunit and Phaseolus vulgaris leucoagglutinin. <i>Neuroscience</i> , 1995, 65, 119-160. | 2.3 | 308 |
| 7 | The rat ponto-medullary network responsible for paradoxical sleep onset and maintenance: a combined microinjection and functional neuroanatomical study. <i>European Journal of Neuroscience</i> , 2002, 16, 1959-1973. | 2.6 | 302 |
| 8 | Iontophoretic application of unconjugated cholera toxin B subunit (CTb) combined with immunohistochemistry of neurochemical substances: a method for transmitter identification of retrogradely labeled neurons. <i>Brain Research</i> , 1990, 534, 209-224. | 2.2 | 295 |
| 9 | REM sleep behaviour disorder. <i>Nature Reviews Disease Primers</i> , 2018, 4, 19. | 30.5 | 290 |
| 10 | Role and Origin of the GABAergic Innervation of Dorsal Raphe Serotonergic Neurons. <i>Journal of Neuroscience</i> , 2000, 20, 4217-4225. | 3.6 | 274 |
| 11 | Afferent projections to the rat nuclei raphe magnus, raphe pallidus and reticularis gigantocellularis pars \pm demonstrated by iontophoretic application of cholera toxin (subunit b). <i>Journal of Chemical Neuroanatomy</i> , 1997, 13, 1-21. | 2.1 | 238 |
| 12 | The neuronal network responsible for paradoxical sleep and its dysfunctions causing narcolepsy and rapid eye movement (REM) behavior disorder. <i>Sleep Medicine Reviews</i> , 2011, 15, 153-163. | 8.5 | 230 |
| 13 | Rapid eye movement sleep behavior disorder: devising controlled active treatment studies for symptomatic and neuroprotective therapy" a consensus statement from the International Rapid Eye Movement Sleep Behavior Disorder Study Group. <i>Sleep Medicine</i> , 2013, 14, 795-806. | 1.6 | 209 |
| 14 | Localization of the Brainstem GABAergic Neurons Controlling Paradoxical (REM) Sleep. <i>PLoS ONE</i> , 2009, 4, e4272. | 2.5 | 207 |
| 15 | The Nuclei of origin of monoaminergic, peptidergic, and cholinergic afferents to the cat nucleus reticularis magnocellularis: A double-labeling study with cholera toxin as a retrograde tracer. <i>Journal of Comparative Neurology</i> , 1988, 277, 1-20. | 1.6 | 199 |
| 16 | Localization of the GABAergic and non-GABAergic neurons projecting to the sublaterodorsal nucleus and potentially gating paradoxical sleep onset. <i>European Journal of Neuroscience</i> , 2003, 18, 1627-1639. | 2.6 | 187 |
| 17 | Distribution of glycine-immunoreactive cell bodies and fibers in the rat brain. <i>Neuroscience</i> , 1996, 75, 737-755. | 2.3 | 185 |
| 18 | The endogenous somnogen adenosine excites a subset of sleep-promoting neurons via A2A receptors in the ventrolateral preoptic nucleus. <i>Neuroscience</i> , 2005, 134, 1377-1390. | 2.3 | 180 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Electrophysiological evidence that noradrenergic neurons of the rat locus coeruleus are tonically inhibited by GABA during sleep. <i>European Journal of Neuroscience</i> , 1998, 10, 964-970. | 2.6 | 176 |
| 20 | Paradoxical (REM) sleep genesis: The switch from an aminergic to a cholinergic to a GABAergic to a glutamatergic hypothesis. <i>Journal of Physiology (Paris)</i> , 2006, 100, 271-283. | 2.1 | 176 |
| 21 | Paradoxical (REM) Sleep Deprivation Causes a Large and Rapidly Reversible Decrease in Long-Term Potentiation, Synaptic Transmission, Glutamate Receptor Protein Levels, and ERK/MAPK Activation in the Dorsal Hippocampus. <i>Sleep</i> , 2009, 32, 227-240. | 1.1 | 151 |
| 22 | Breakdown in REM sleep circuitry underlies REM sleep behavior disorder. <i>Trends in Neurosciences</i> , 2014, 37, 279-288. | 8.6 | 143 |
| 23 | Evidence for widespread afferents to barrington's nucleus, a brainstem region rich in corticotropin-releasing hormone neurons. <i>Neuroscience</i> , 1994, 62, 125-143. | 2.3 | 139 |
| 24 | Evidence that Neurons of the Sublaterodorsal Tegmental Nucleus Triggering Paradoxical (REM) Sleep Are Glutamatergic. <i>Sleep</i> , 2011, 34, 419-423. | 1.1 | 135 |
| 25 | Alternating vigilance states: new insights regarding neuronal networks and mechanisms. <i>European Journal of Neuroscience</i> , 2009, 29, 1741-1753. | 2.6 | 132 |
| 26 | Effect of the wake-promoting agent modafinil on sleep-promoting neurons from the ventrolateral preoptic nucleus: an in vitro pharmacologic study. <i>Sleep</i> , 2004, 27, 19-25. | 1.1 | 119 |
| 27 | Lower brainstem catecholamine afferents to the rat dorsal raphe nucleus. , 1996, 364, 402-413. | | 118 |
| 28 | Genetic inactivation of glutamate neurons in the rat sublaterodorsal tegmental nucleus recapitulates REM sleep behaviour disorder. <i>Brain</i> , 2017, 140, 414-428. | 7.6 | 118 |
| 29 | Cholinergic and noncholinergic brainstem neurons expressing Fos after paradoxical (REM) sleep deprivation and recovery. <i>European Journal of Neuroscience</i> , 2005, 21, 2488-2504. | 2.6 | 115 |
| 30 | The supramammillary nucleus and the claustrum activate the cortex during REM sleep. <i>Science Advances</i> , 2015, 1, e1400177. | 10.3 | 115 |
| 31 | The satiety molecule nesfatin-1 is co-expressed with melanin concentrating hormone in tuberal hypothalamic neurons of the rat. <i>Neuroscience</i> , 2008, 155, 174-181. | 2.3 | 111 |
| 32 | Brainstem mechanisms of paradoxical (REM) sleep generation. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 43-52. | 2.8 | 107 |
| 33 | Localization of the neurons active during paradoxical (REM) sleep and projecting to the locus coeruleus noradrenergic neurons in the rat. <i>Journal of Comparative Neurology</i> , 2006, 495, 573-586. | 1.6 | 102 |
| 34 | Paradoxical (REM) sleep genesis by the brainstem is under hypothalamic control. <i>Current Opinion in Neurobiology</i> , 2013, 23, 786-792. | 4.2 | 99 |
| 35 | Nuclei of origin of monoaminergic, peptidergic, and cholinergic afferents to the cat trigeminal motor nucleus: A double-labeling study with cholera-toxin as a retrograde tracer. <i>Journal of Comparative Neurology</i> , 1990, 301, 262-275. | 1.6 | 96 |
| 36 | Unrelated course of subthalamic nucleus and globus pallidus neuronal activities across vigilance states in the rat. <i>European Journal of Neuroscience</i> , 2000, 12, 3361-3374. | 2.6 | 94 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Peptidergic hypothalamic afferents to the cat nucleus raphe pallidus as revealed by a double immunostaining technique using unconjugated cholera toxin as a retrograde tracer. <i>Brain Research</i> , 1987, 402, 339-345. | 2.2 | 92 |
| 38 | Not a single but multiple populations of GABAergic neurons control sleep. <i>Sleep Medicine Reviews</i> , 2017, 32, 85-94. | 8.5 | 87 |
| 39 | The Lateral Hypothalamic Area Controls Paradoxical (REM) Sleep by Means of Descending Projections to Brainstem GABAergic Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 16763-16774. | 3.6 | 85 |
| 40 | Ventromedial medulla inhibitory neuron inactivation induces REM sleep without atonia and REM sleep behavior disorder. <i>Nature Communications</i> , 2018, 9, 504. | 12.8 | 85 |
| 41 | Monoaminergic, peptidergic, and cholinergic afferents to the cat facial nucleus as evidenced by a double immunostaining method with unconjugated cholera toxin as a retrograde tracer. <i>Journal of Comparative Neurology</i> , 1989, 283, 285-302. | 1.6 | 82 |
| 42 | Lower brainstem afferents to the cat posterior hypothalamus: A double-labeling study. <i>Brain Research Bulletin</i> , 1990, 24, 437-455. | 3.0 | 78 |
| 43 | Sleep architecture of the melanin-concentrating hormone receptor β 1 knockout mice. <i>European Journal of Neuroscience</i> , 2008, 27, 1793-1800. | 2.6 | 78 |
| 44 | Characterization of the melanin-concentrating hormone neurons activated during paradoxical sleep hypersomnia in rats. <i>Journal of Comparative Neurology</i> , 2007, 505, 147-157. | 1.6 | 77 |
| 45 | A Very Large Number of GABAergic Neurons Are Activated in the Tuberal Hypothalamus during Paradoxical (REM) Sleep Hypersomnia. <i>PLoS ONE</i> , 2010, 5, e11766. | 2.5 | 77 |
| 46 | New aspects in the pathophysiology of rapid eye movement sleep behavior disorder: the potential role of glutamate, gamma-aminobutyric acid, and glycine. <i>Sleep Medicine</i> , 2013, 14, 714-718. | 1.6 | 75 |
| 47 | Role of the dorsal paragigantocellular reticular nucleus in paradoxical (rapid eye movement) sleep generation: a combined electrophysiological and anatomical study in the rat. <i>Neuroscience</i> , 2008, 152, 849-857. | 2.3 | 70 |
| 48 | Role of the melanin-concentrating hormone neuropeptide in sleep regulation. <i>Peptides</i> , 2009, 30, 2052-2059. | 2.4 | 68 |
| 49 | Origin of the dopaminergic innervation of the rat dorsal raphe nucleus. <i>NeuroReport</i> , 1995, 6, 2527-2531. | 1.2 | 64 |
| 50 | Serotonergic and non-serotonergic projections from the raphe nuclei to the piriform cortex in the rat: a cholera toxin B subunit (CTb) and 5-HT immunohistochemical study. <i>Brain Research</i> , 1995, 671, 27-37. | 2.2 | 63 |
| 51 | VIP-like immunoreactive projections from the dorsal raphe and caudal linear raphe nuclei to the bed nucleus of the stria terminalis demonstrated by a double immunohistochemical method in the rat. <i>Neuroscience Letters</i> , 1995, 193, 77-80. | 2.1 | 61 |
| 52 | Electrophysiological Evidence That the Retrosplenial Cortex Displays a Strong and Specific Activation Phased with Hippocampal Theta during Paradoxical (REM) Sleep. <i>Journal of Neuroscience</i> , 2017, 37, 8003-8013. | 3.6 | 57 |
| 53 | Alterations in c-fos expression after different experimental procedures of sleep deprivation in the cat. <i>Brain Research</i> , 1996, 735, 108-118. | 2.2 | 53 |
| 54 | Partial homologies between sleep states in lizards, mammals, and birds suggest a complex evolution of sleep states in amniotes. <i>PLoS Biology</i> , 2018, 16, e2005982. | 5.6 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Role of the Lateral Paragigantocellular Nucleus in the Network of Paradoxical (REM) Sleep: An Electrophysiological and Anatomical Study in the Rat. PLoS ONE, 2012, 7, e28724. | 2.5 | 48 |
| 56 | Glycine-immunoreactive neurones in the cat brain stem reticular formation. NeuroReport, 1993, 4, 1123-6. | 1.2 | 47 |
| 57 | Fos and serotonin immunoreactivity in the raphe nuclei of the cat during carbachol-induced active sleep: A double-labeling study. Neuroscience, 1995, 67, 211-223. | 2.3 | 46 |
| 58 | Origin of the glycinergic innervation of the rat trigeminal motor nucleus. NeuroReport, 1996, 7, 3081-3086. | 1.2 | 46 |
| 59 | Neurology and psychiatry: waking up to opportunities of sleep. : State of the art and clinical/research priorities for the next decade. European Journal of Neurology, 2015, 22, 1337-1354. | 3.3 | 46 |
| 60 | GABAergic control of hypothalamic melanin-concentrating hormone-containing neurons across the sleep-waking cycle. NeuroReport, 2005, 16, 1069-1073. | 1.2 | 43 |
| 61 | Brainstem glycinergic neurons and their activation during active (rapid eye movement) sleep in the cat. Neuroscience, 2006, 142, 37-47. | 2.3 | 42 |
| 62 | Tuberal Hypothalamic Neurons Secreting the Satiety Molecule Nesfatin-1 Are Critically Involved in Paradoxical (REM) Sleep Homeostasis. PLoS ONE, 2012, 7, e52525. | 2.5 | 42 |
| 63 | Melanin-concentrating hormone-expressing neurons adjust slow-wave sleep dynamics to catalyze paradoxical (REM) sleep. Sleep, 2018, 41, . | 1.1 | 42 |
| 64 | Localization of tyrosine hydroxylase immunoreactive neurons in the cat hypothalamus, with special reference to fluorescence histochemistry. Journal of Comparative Neurology, 1987, 262, 578-593. | 1.6 | 41 |
| 65 | Noradrenergic neurons expressing Fos during waking and paradoxical sleep deprivation in the rat. Journal of Chemical Neuroanatomy, 2009, 37, 149-157. | 2.1 | 41 |
| 66 | Effect of strychnine on rat locus coeruleus neurones during sleep and wakefulness. NeuroReport, 1996, 8, 351-355. | 1.2 | 40 |
| 67 | Selective activation of a few limbic structures during paradoxical (REM) sleep by the claustrum and the supramammillary nucleus: evidence and function. Current Opinion in Neurobiology, 2017, 44, 59-64. | 4.2 | 39 |
| 68 | Forebrain afferents to the cat posterior hypothalamus: A double labeling study. Brain Research Bulletin, 1989, 23, 83-104. | 3.0 | 38 |
| 69 | Paradoxical (REM) sleep deprivation in mice using the small platforms overwater method: polysomnographic analyses and melanin-concentrating hormone and hypocretin/orexin neuronal activation before, during and after deprivation. Journal of Sleep Research, 2015, 24, 309-319. | 3.2 | 38 |
| 70 | Paradoxical Sleep in Mice Lacking M ₃ and M ₂ /M ₄ Muscarinic Receptors. Neuropsychobiology, 2005, 52, 140-146. | 1.9 | 36 |
| 71 | Quantitative and qualitative aspects on the distribution of 5-HT and its coexistence with substance P and TRH in cat ventral medullary neurons. Journal of Chemical Neuroanatomy, 1994, 7, 3-12. | 2.1 | 35 |
| 72 | Major Impairments of Glutamatergic Transmission and Long-Term Synaptic Plasticity in the Hippocampus of Mice Lacking the Melanin-Concentrating Hormone Receptor-1. Journal of Neurophysiology, 2010, 104, 1417-1425. | 1.8 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Unsupervised Online Classifier in Sleep Scoring for Sleep Deprivation Studies. <i>Sleep</i> , 2015, 38, 815-828. | 1.1 | 35 |
| 74 | New Breakthroughs in Understanding the Role of Functional Interactions between the Neocortex and the Claustrum. <i>Journal of Neuroscience</i> , 2017, 37, 10877-10881. | 3.6 | 34 |
| 75 | Periventricular dopaminergic neurons terminating in the neuro-intermediate lobe of the cat hypophysis. <i>Journal of Comparative Neurology</i> , 1986, 244, 204-212. | 1.6 | 33 |
| 76 | Anatomical and electrophysiological evidence for a glycinergic inhibitory innervation of the rat locus coeruleus. <i>Neuroscience Letters</i> , 1991, 128, 33-36. | 2.1 | 33 |
| 77 | Afferents to the nucleus reticularis parvicellularis of the cat medulla oblongata: A tract-tracing study with cholera toxin B subunit. <i>Journal of Comparative Neurology</i> , 1994, 342, 603-618. | 1.6 | 33 |
| 78 | Dopaminergic neurons expressing Fos during waking and paradoxical sleep in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2010, 39, 262-271. | 2.1 | 33 |
| 79 | Sleep-wake physiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 160, 359-370. | 1.8 | 32 |
| 80 | Effect of chronic treatment with milnacipran on sleep architecture in rats compared with paroxetine and imipramine. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 73, 557-563. | 2.9 | 31 |
| 81 | Distribution of enkephalin and its relation to serotonin in cat and monkey spinal cord and brain stem. <i>Synapse</i> , 1992, 11, 85-104. | 1.2 | 29 |
| 82 | Origins of the glycinergic inputs to the rat locus coeruleus and dorsal raphe nuclei: a study combining retrograde tracing with glycine immunohistochemistry. <i>European Journal of Neuroscience</i> , 1999, 11, 1058-1066. | 2.6 | 29 |
| 83 | Neurochemical aspects of sleep regulation with specific focus on slow-wave sleep. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 4-8. | 2.6 | 25 |
| 84 | Single-unit and polygraphic recordings associated with systemic or local pharmacology: A multi-purpose stereotaxic approach for the awake, anaesthetic-free, and head-restrained rat. <i>Journal of Neuroscience Research</i> , 2000, 61, 88-100. | 2.9 | 24 |
| 85 | Localization of CRF-immunoreactive neurons in the cat medulla oblongata: their presence in the inferior olive. <i>Cell and Tissue Research</i> , 1988, 251, 137-143. | 2.9 | 23 |
| 86 | Melanin concentrating hormone in central hypersomnia. <i>Sleep Medicine</i> , 2011, 12, 768-772. | 1.6 | 23 |
| 87 | Role of MCH Neurons in Paradoxical (REM) Sleep Control. <i>Sleep</i> , 2013, 36, 1775-1776. | 1.1 | 23 |
| 88 | Hippocampus-retrosplenial cortex interaction is increased during phasic REM and contributes to memory consolidation. <i>Scientific Reports</i> , 2021, 11, 13078. | 3.3 | 23 |
| 89 | GABA-glutamate supramammillary neurons control theta and gamma oscillations in the dentate gyrus during paradoxical (REM) sleep. <i>Brain Structure and Function</i> , 2020, 225, 2643-2668. | 2.3 | 22 |
| 90 | The inappropriate occurrence of rapid eye movement sleep in narcolepsy is not due to a defect in homeostatic regulation of rapid eye movement sleep. <i>Sleep</i> , 2018, 41, . | 1.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Genetic deletion of melanin-concentrating hormone neurons impairs hippocampal short-term synaptic plasticity and hippocampal-dependent forms of short-term memory. <i>Hippocampus</i> , 2015, 25, 1361-1373. | 1.9 | 20 |
| 92 | Brainstem structures responsible for paradoxical sleep onset and maintenance. <i>Archives Italiennes De Biologie</i> , 2004, 142, 397-411. | 0.4 | 20 |
| 93 | Neuroanatomical and Neurochemical Bases of Vigilance States. <i>Handbook of Experimental Pharmacology</i> , 2018, 253, 35-58. | 1.8 | 19 |
| 94 | The Inhibition of the Dorsal Paragigantocellular Reticular Nucleus Induces Waking and the Activation of All Adrenergic and Noradrenergic Neurons: A Combined Pharmacological and Functional Neuroanatomical Study. <i>PLoS ONE</i> , 2014, 9, e96851. | 2.5 | 18 |
| 95 | ONEIROS, a new miniature standalone device for recording sleep electrophysiology, physiology, temperatures and behavior in the lab and field. <i>Journal of Neuroscience Methods</i> , 2019, 316, 103-116. | 2.5 | 18 |
| 96 | Forebrain projections of the rostral nucleus raphe magnus shown by iontophoretic application of cholera toxin b in rats. <i>Neuroscience Letters</i> , 1996, 216, 151-154. | 2.1 | 16 |
| 97 | Adrenergic input from medullary ventrolateral C1 cells to the nucleus raphe pallidus of the cat, as demonstrated by a double immunostaining technique. <i>Neuroscience Letters</i> , 1989, 106, 29-35. | 2.1 | 15 |
| 98 | Differential origin of the activation of dorsal and ventral dentate gyrus granule cells during paradoxical (REM) sleep in the rat. <i>Brain Structure and Function</i> , 2017, 222, 1495-1507. | 2.3 | 14 |
| 99 | Is REM sleep a paradoxical state?: Different neurons are activated in the cingulate cortices and the claustrum during wakefulness and paradoxical sleep hypersomnia. <i>Biochemical Pharmacology</i> , 2021, 191, 114514. | 4.4 | 14 |
| 100 | Neurochemistry of sleep. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2011, 98, 173-190. | 1.8 | 13 |
| 101 | Sleep architecture and homeostasis in mice with partial ablation of melanin-concentrating hormone neurons. <i>Behavioural Brain Research</i> , 2016, 298, 100-110. | 2.2 | 13 |
| 102 | Insights into paradoxical (REM) sleep homeostatic regulation in mice using an innovative automated sleep deprivation method. <i>Sleep</i> , 2020, 43, . | 1.1 | 12 |
| 103 | Rapid eye movement sleep behaviour disorder: Past, present, and future. <i>Journal of Sleep Research</i> , 2022, 31, e13612. | 3.2 | 12 |
| 104 | Catecholaminergic afferents to the cat median eminence as determined by double-labelling methods. <i>Neuroscience</i> , 1990, 36, 491-505. | 2.3 | 9 |
| 105 | Levels of Interference in Long and Short-Term Memory Differentially Modulate Non-REM and REM Sleep. <i>Sleep</i> , 2016, 39, 2173-2188. | 1.1 | 9 |
| 106 | Projection from nucleus reuniens thalami to piriform cortex: A tracing study in the rat. <i>Brain Research Bulletin</i> , 1995, 38, 87-92. | 3.0 | 8 |
| 107 | A Particular Medullary-Spinal Inhibitory Pathway is Recruited for the Expression of Muscle Atonia During REM Sleep. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951880874. | 2.3 | 8 |
| 108 | Sub-regions of the dorsal raphe nucleus receive different inputs from the brainstem. <i>Sleep Medicine</i> , 2018, 49, 53-63. | 1.6 | 8 |

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|-----|---|-----|-----------|
| 109 | Targeted recombination in active populations as a new mouse genetic model to study sleep-active neuronal populations: Demonstration that Lhx6+ neurons in the ventral zona incerta are activated during paradoxical sleep hypersomnia. <i>Journal of Sleep Research</i> , 2020, 29, e12976. | 3.2 | 8 |
| 110 | A three states sleep-waking model. <i>Chaos, Solitons and Fractals</i> , 2006, 29, 808-815. | 5.1 | 7 |
| 111 | Animal models of REM dysfunctions: what they tell us about the cause of narcolepsy and RBD?. <i>Archives Italiennes De Biologie</i> , 2015, 152, 118-28. | 0.4 | 6 |
| 112 | Topography of neurophysin-immunoreactive neurons projecting to the neurohypophysis: Direct evidence as revealed by a double staining method. <i>Neuroscience Letters</i> , 1988, 86, 263-268. | 2.1 | 5 |
| 113 | In Vitro Identification of the Presumed Sleep-Promoting Neurons of the Ventrolateral Preoptic Nucleus (VLPO). , 2004, , 41-62. | | 5 |
| 114 | What are the mechanisms activating the sleep-active neurons located in the preoptic area?. <i>Sleep and Biological Rhythms</i> , 2011, 9, 59-64. | 1.0 | 3 |
| 115 | Jouvet's animal model of RBD, clinical RBD, and their relationships to REM sleep mechanisms. <i>Sleep Medicine</i> , 2018, 49, 28-30. | 1.6 | 3 |
| 116 | Granule cells in the infrapyramidal blade of the dentate gyrus are activated during paradoxical (REM) sleep hypersomnia but not during wakefulness: a study using TRAP mice. <i>Sleep</i> , 2021, 44, . | 1.1 | 3 |
| 117 | The Network Responsible for Paradoxical Sleep Onset and Maintenance. , 2004, , 81-105. | | 3 |
| 118 | Posterior hypothalamus and regulation of vigilance states. <i>Archives Italiennes De Biologie</i> , 2004, 142, 487-500. | 0.4 | 3 |
| 119 | Is paradoxical sleep setting up innate and acquired complex sensorimotor and adaptive behaviours?: A proposed function based on literature review. <i>Journal of Sleep Research</i> , 2022, 31, . | 3.2 | 3 |
| 120 | Gamma-aminobutyric acid and the regulation of paradoxical, or rapid eye movement, sleep. , 2008, , 85-108. | | 1 |
| 121 | Paradoxical (REM) Sleep Deprivation Causes a Large and Rapidly Reversible Decrease in Long-Term Potentiation, Synaptic Transmission, Glutamate Receptor Protein Levels, and ERK/MAPK Activation in the Dorsal Hippocampus. <i>Sleep</i> , 2009, , . | 1.1 | 1 |
| 122 | Brainstem structures involved in rapid eye movement sleep behavior disorder. <i>Sleep and Biological Rhythms</i> , 2013, 11, 9-14. | 1.0 | 1 |
| 123 | Role and origin of the GABAergic innervation of dorsal raphe serotonergic neurons. , 2008, , 237-250. | | 1 |
| 124 | Networks of Normal and Disordered Sleep. , 2014, , 299-310. | | 1 |
| 125 | Inhibitory Mechanisms in the Dorsal Raphe Nucleus and Locus Coeruleus During Sleep. , 1998, , . | | 1 |
| 126 | In vitro study of the sleep promoting neurons from the ventrolateral preoptic nucleus. <i>Sleep and Biological Rhythms</i> , 2004, 2, S23-S24. | 1.0 | 0 |

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|-----|--|-----|-----------|
| 127 | Glutamatergic regulation of REM sleep. , 0 , 214-222. | | 0 |
| 128 | Insomnia, hypersomnia and coma in animal models and their clinical implications. Sleep and Biological Rhythms, 2011, 9, 52-58. | 1.0 | 0 |
| 129 | Neuroanatomy and physiology of sleep and wakefulness. , 0 , 8-14. | | 0 |
| 130 | Multiple labels point-set registration. , 2015, , . | | 0 |
| 131 | Is REM sleep a paradoxical state showing muscle atonia and a cortical activity similar to waking?. Neurophysiologie Clinique, 2018, 48, 238. | 2.2 | 0 |
| 132 | Neuroanatomical and Neurochemical Systems Involved in Paradoxical Sleep (PS) Generation. Handbook of Behavioral Neuroscience, 2019, 30, 239-248. | 0.7 | 0 |
| 133 | The Neurobiology of Sleepâ€“Wake Systems: An Overview. , 2011, , 107-119. | | 0 |
| 134 | Les progrÃ©s sur lâ€™architecture du sommeil paradoxal depuis William Dement et Michel Jouvet. Bulletin De L'Academie Nationale De Medecine, 2011, 195, 1517-1525. | 0.0 | 0 |