Robert P Vertes

List of Publications by Year
in descending order

68	10,495	66234	123241
papers	citations	42 h-index	61 g-index

72	72	72	7518
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential projections of the infralimbic and prelimbic cortex in the rat. Synapse, 2004, 51, 32-58.	0.6	1,324
2	Anatomical analysis of afferent projections to the medial prefrontal cortex in the rat. Brain Structure and Function, 2007, 212, 149-179.	1.2	1,122
3	A PHA-L analysis of ascending projections of the dorsal raphe nucleus in the rat. Journal of Comparative Neurology, 1991, 313, 643-668.	0.9	749
4	Interactions among the medial prefrontal cortex, hippocampus and midline thalamus in emotional and cognitive processing in the rat. Neuroscience, 2006, 142, 1-20.	1.1	677
5	Projections of the median raphe nucleus in the rat. Journal of Comparative Neurology, 1999, 407, 555-582.	0.9	455
6	Limbic circuitry of the midline thalamus. Neuroscience and Biobehavioral Reviews, 2015, 54, 89-107.	2.9	283
7	Hippocampal theta rhythm: A tag for short-term memory. Hippocampus, 2005, 15, 923-935.	0.9	272
8	Nucleus reuniens of the midline thalamus: Link between the medial prefrontal cortex and the hippocampus. Brain Research Bulletin, 2007, 71, 601-609.	1.4	272
9	Autoradiographic analysis of ascending projections from the pontine and mesencephalic reticular formation and the median raphe nucleus in the rat. Journal of Comparative Neurology, 1988, 275, 511-541.	0.9	249
10	PHA-L analysis of projections from the supramammillary nucleus in the rat. Journal of Comparative Neurology, 1992, 326, 595-622.	0.9	249
11	Projections of the paraventricular and paratenial nuclei of the dorsal midline thalamus in the rat. Journal of Comparative Neurology, 2008, 508, 212-237.	0.9	247
12	Efferent projections of reuniens and rhomboid nuclei of the thalamus in the rat. Journal of Comparative Neurology, 2006, 499, 768-796.	0.9	233
13	Analysis of projections from the medial prefrontal cortex to the thalamus in the rat, with emphasis on nucleus reuniens. Journal of Comparative Neurology, 2002, 442, 163-187.	0.9	226
14	The case against memory consolidation in REM sleep. Behavioral and Brain Sciences, 2000, 23, 867-876.	0.4	218
15	Projections of the medial orbital and ventral orbital cortex in the rat. Journal of Comparative Neurology, 2011, 519, 3766-3801.	0.9	213
16	Afferent projections to nucleus reuniens of the thalamus. Journal of Comparative Neurology, 2004, 480, 115-142.	0.9	211
17	Brainstem control of the events of rem sleep. Progress in Neurobiology, 1984, 22, 241-288.	2.8	184
18	Theta Rhythm of the Hippocampus: Subcortical Control and Functional Significance. Behavioral and Cognitive Neuroscience Reviews, 2004, 3, 173-200.	3.9	180

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19	Projections of the dorsal raphe nucleus to the brainstem: PHA-L analysis in the rat. Journal of Comparative Neurology, 1994, 340, 11-26.	0.9	177
20	Selective firing of rat pontine gigantocellular neurons during movement and REM sleep. Brain Research, 1977, 128, 146-152.	1.1	170
21	Memory Consolidation in Sleep. Neuron, 2004, 44, 135-148.	3.8	168
22	The reuniens and rhomboid nuclei: Neuroanatomy, electrophysiological characteristics and behavioral implications. Progress in Neurobiology, 2013, 111, 34-52.	2.8	160
23	Brain stem generation of the hippocampal EEG. Progress in Neurobiology, 1982, 19, 159-186.	2.8	158
24	The nucleus reuniens of the thalamus sits at the nexus of a hippocampus and medial prefrontal cortex circuit enabling memory and behavior. Learning and Memory, 2019, 26, 191-205.	0.5	146
25	Advances in Understanding Mechanisms of Thalamic Relays in Cognition and Behavior. Journal of Neuroscience, 2014, 34, 15340-15346.	1.7	139
26	Collateral projections from nucleus reuniens of thalamus to hippocampus and medial prefrontal cortex in the rat: a single and double retrograde fluorescent labeling study. Brain Structure and Function, 2012, 217, 191-209.	1.2	138
27	The midline posterior hypothalamic region comprises a critical part of the ascending brainstem hippocampal synchronizing pathway. Hippocampus, 1994, 4, 454-473.	0.9	109
28	Ascending projections of the posterior nucleus of the hypothalamus: PHA-L analysis in the rat. Journal of Comparative Neurology, 1995, 359, 90-116.	0.9	100
29	Brain stem activation of the hippocampus: A role for the magnocellular reticular formation and the MLF. Electroencephalography and Clinical Neurophysiology, 1980, 50, 48-58.	0.3	97
30	Time for the Sleep Community to Take a Critical Look at the Purported Role of Sleep in Memory Processing. Sleep, 2005, 28, 1228-1229.	0.6	97
31	Descending projections of the posterior nucleus of the hypothalamus:Phaseolus vulgaris leucoagglutinin analysis in the rat. , 1996, 374, 607-631.		88
32	Projections of the central medial nucleus of the thalamus in the rat: Node in cortical, striatal and limbic forebrain circuitry. Neuroscience, 2012, 219, 120-136.	1.1	80
33	Collateral projections from the supramammillary nucleus to the medial septum and hippocampus. Synapse, 2000, 38, 281-293.	0.6	79
34	Extrinsic modulation of medial septal cell discharges by the ascending brainstem hippocampal synchronizing pathway. Hippocampus, 1994, 4, 649-660.	0.9	76
35	Distribution, quantification, and morphological characteristics of serotonin-immunoreactive cells of the supralemniscal nucleus (B9) and pontomesencephalic reticular formation in the rat. , 1997, 378, 411-424.		75
36	Median raphe serotonergic innervation of medial septum/diagonal band of Broca (MSDB) parvalbumin-containing neurons: Possible involvement of the MSDB in the desynchronization of the hippocampal EEG. Journal of Comparative Neurology, 1999, 410, 586-598.	0.9	74

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37	Prefrontal Pathways Provide Top-Down Control of Memory for Sequences of Events. Cell Reports, 2019, 28, 640-654.e6.	2.9	72
38	Phase relations of rhythmic neuronal firing in the supramammillary nucleus and mammillary body to the hippocampal theta activity in urethane anesthetized rats. , 1997, 7, 204-214.		67
39	Inactivation of nucleus reuniens impairs spatial working memory and behavioral flexibility in the rat. Hippocampus, 2018, 28, 297-311.	0.9	67
40	Major diencephalic inputs to the hippocampus. Progress in Brain Research, 2015, 219, 121-144.	0.9	65
41	Collateral projections from the median raphe nucleus to the medial septum and hippocampus. Brain Research Bulletin, 2001, 54, 619-630.	1.4	63
42	Medial septal unit firing characteristics following injections of 8-OH-DPAT into the median raphe nucleus. Brain Research, 1996, 708, 116-122.	1.1	60
43	Excitatory actions of the ventral midline thalamus (rhomboid/reuniens) on the medial prefrontal cortex in the rat. Synapse, 2006, 60, 45-55.	0.6	56
44	Injections of excitatory amino acid antagonists into the median raphe nucleus produce hippocampal theta rhythm in the urethane-anesthetized rat. Brain Research, 1994, 654, 96-104.	1.1	55
45	Pattern of distribution of serotonergic fibers to the thalamus of the rat. Brain Structure and Function, 2010, 215, 1-28.	1.2	53
46	Discharge properties of neurons of the median raphe nucleus during hippocampal theta rhythm in the rat. Experimental Brain Research, 2002, 145, 383-394.	0.7	43
47	Midbrain raphe cell firing and hippocampal theta rhythm in urethane-anaesthetized rats. NeuroReport, 1996, 7, 2867-2872.	0.6	42
48	A life-sustaining function for REM sleep: A theory. Neuroscience and Biobehavioral Reviews, 1986, 10, 371-376.	2.9	40
49	Serotonergic projections and serotonin receptor expression in the reticular nucleus of the thalamus in the rat. Synapse, 2011, 65, 919-928.	0.6	36
50	Efferent and afferent connections of the dorsal and median raphe nuclei in the rat. , 2008, , 69-102.		36
51	Pattern of distribution of serotonergic fibers to the orbitomedial and insular cortex in the rat. Journal of Chemical Neuroanatomy, 2013, 48-49, 29-45.	1.0	32
52	NR2C in the Thalamic Reticular Nucleus; Effects of the NR2C Knockout. PLoS ONE, 2012, 7, e41908.	1.1	30
53	Comparison of projections of the dorsal and median raphe nuclei, with some functional considerations. International Congress Series, 2007, 1304, 98-120.	0.2	29
54	Lesions of the ventral midline thalamus produce deficits in reversal learning and attention on an odor texture set shifting task. Brain Research, 2016, 1649, 110-122.	1.1	28

#	Article	IF	Citations
55	Thalamus. , 2015, , 335-390.		25
56	Pattern of distribution of serotonergic fibers to the amygdala and extended amygdala in the rat. Journal of Comparative Neurology, 2017, 525, 116-139.	0.9	21
57	Analysis of the Actions of Nucleus Reuniens and the Entorhinal Cortex on EEG and Evoked Population Behavior of the Hippocampus. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2480-4.	0.5	18
58	Role of the reuniens and rhomboid thalamic nuclei in anxietyâ€like avoidance behavior in the rat. Hippocampus, 2021, 31, 756-769.	0.9	15
59	REM sleep is not committed to memory. Behavioral and Brain Sciences, 2000, 23, 1057-1063.	0.4	13
60	Serotonergic Regulation of Rhythmical Activity of the Brain, Concentrating on the Hippocampus. Handbook of Behavioral Neuroscience, 2010, , 277-292.	0.7	7
61	No cognitive processing in the unconscious, <scp>anestheticâ€like</scp>, state of sleep. Journal of Comparative Neurology, 2021, 529, 524-538.	0.9	7
62	Discharge characteristics of neurons of nucleus reuniens across sleep-wake states in the behaving rat. Behavioural Brain Research, 2021, 410, 113325.	1.2	7
63	Serotonergic Systems in Sleep and Waking. Handbook of Behavioral Neuroscience, 2019, , 101-123.	0.7	2
64	A new role for FTG neurons?. Behavioral and Brain Sciences, 1986, 9, 425-426.	0.4	1
65	Hippocampal theta rhythm of REM sleep. , 0, , 151-163.		1
66	Cover Image, Volume 28, Issue 4. Hippocampus, 2018, 28, C1.	0.9	1
67	Serotonergic regulation of hippocampal rhythmical activity. Handbook of Behavioral Neuroscience, 2020, 31, 337-360.	0.7	1
68	Multisite Spike-Field Coherence, Theta Rhythmicity, and Information Flow Within Papezâ€™s Circuit. Neuromethods, 2011, , 191-213.	0.2	0