

# Robert P Vertes

## List of Publications by Year in descending order

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68  
papers

10,495  
citations

66234

42  
h-index

123241

61  
g-index

72  
all docs

72  
docs citations

72  
times ranked

7518  
citing authors

#	ARTICLE	IF	CITATIONS
1	No cognitive processing in the unconscious, <scp>anesthetic&#x2013;like</scp>, state of sleep. Journal of Comparative Neurology, 2021, 529, 524-538.	0.9	7
2	Discharge characteristics of neurons of nucleus reuniens across sleep-wake states in the behaving rat. Behavioural Brain Research, 2021, 410, 113325.	1.2	7
3	Role of the reuniens and rhomboid thalamic nuclei in anxiety&#x2013;avoidance behavior in the rat. Hippocampus, 2021, 31, 756-769.	0.9	15
4	Serotonergic regulation of hippocampal rhythmical activity. Handbook of Behavioral Neuroscience, 2020, 31, 337-360.	0.7	1
5	Prefrontal Pathways Provide Top-Down Control of Memory for Sequences of Events. Cell Reports, 2019, 28, 640-654.e6.	2.9	72
6	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
7	Serotonergic Systems in Sleep and Waking. Handbook of Behavioral Neuroscience, 2019, , 101-123.	0.7	2
8	Inactivation of nucleus reuniens impairs spatial working memory and behavioral flexibility in the rat. Hippocampus, 2018, 28, 297-311.	0.9	67
9	Cover Image, Volume 28, Issue 4. Hippocampus, 2018, 28, C1.	0.9	1
10	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
11	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
12	Major diencephalic inputs to the hippocampus. Progress in Brain Research, 2015, 219, 121-144.	0.9	65
13	Thalamus. , 2015, , 335-390.		25
14	Limbic circuitry of the midline thalamus. Neuroscience and Biobehavioral Reviews, 2015, 54, 89-107.	2.9	283
15	Advances in Understanding Mechanisms of Thalamic Relays in Cognition and Behavior. Journal of Neuroscience, 2014, 34, 15340-15346.	1.7	139
16	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
17	The reuniens and rhomboid nuclei: Neuroanatomy, electrophysiological characteristics and behavioral implications. Progress in Neurobiology, 2013, 111, 34-52.	2.8	160
18	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

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19	NR2C in the Thalamic Reticular Nucleus; Effects of the NR2C Knockout. PLoS ONE, 2012, 7, e41908.	1.1	30
20	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
21	Multisite Spike-Field Coherence, Theta Rhythmicity, and Information Flow Within Papezâ€™s Circuit. Neuromethods, 2011, , 191-213.	0.2	0
22	Serotonergic projections and serotonin receptor expression in the reticular nucleus of the thalamus in the rat. Synapse, 2011, 65, 919-928.	0.6	36
23	Projections of the medial orbital and ventral orbital cortex in the rat. Journal of Comparative Neurology, 2011, 519, 3766-3801.	0.9	213
24	Pattern of distribution of serotonergic fibers to the thalamus of the rat. Brain Structure and Function, 2010, 215, 1-28.	1.2	53
25	Serotonergic Regulation of Rhythmical Activity of the Brain, Concentrating on the Hippocampus. Handbook of Behavioral Neuroscience, 2010, , 277-292.	0.7	7
26	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
27	Efferent and afferent connections of the dorsal and median raphe nuclei in the rat. , 2008, , 69-102.		36
28	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
29	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
30	Comparison of projections of the dorsal and median raphe nuclei, with some functional considerations. International Congress Series, 2007, 1304, 98-120.	0.2	29
31	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
32	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
33	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
34	Efferent projections of reuniens and rhomboid nuclei of the thalamus in the rat. Journal of Comparative Neurology, 2006, 499, 768-796.	0.9	233
35	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
36	Hippocampal theta rhythm: A tag for short-term memory. Hippocampus, 2005, 15, 923-935.	0.9	272

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37	Theta Rhythm of the Hippocampus: Subcortical Control and Functional Significance. Behavioral and Cognitive Neuroscience Reviews, 2004, 3, 173-200.	3.9	180
38	Differential projections of the infralimbic and prelimbic cortex in the rat. Synapse, 2004, 51, 32-58.	0.6	1,324
39	Afferent projections to nucleus reuniens of the thalamus. Journal of Comparative Neurology, 2004, 480, 115-142.	0.9	211
40	Memory Consolidation in Sleep. Neuron, 2004, 44, 135-148.	3.8	168
41	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
42	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
43	Collateral projections from the median raphe nucleus to the medial septum and hippocampus. Brain Research Bulletin, 2001, 54, 619-630.	1.4	63
44	Collateral projections from the supramammillary nucleus to the medial septum and hippocampus. Synapse, 2000, 38, 281-293.	0.6	79
45	REM sleep is not committed to memory. Behavioral and Brain Sciences, 2000, 23, 1057-1063.	0.4	13
46	The case against memory consolidation in REM sleep. Behavioral and Brain Sciences, 2000, 23, 867-876.	0.4	218
47	Projections of the median raphe nucleus in the rat. Journal of Comparative Neurology, 1999, 407, 555-582.	0.9	455
48	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
49	Distribution, quantification, and morphological characteristics of serotonin-immunoreactive cells of the suprallemniscal nucleus (B9) and pontomesencephalic reticular formation in the rat. , 1997, 378, 411-424.		75
50	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
51	Midbrain raphe cell firing and hippocampal theta rhythm in urethane-anaesthetized rats. NeuroReport, 1996, 7, 2867-2872.	0.6	42
52	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
53	Descending projections of the posterior nucleus of the hypothalamus:Phaseolus vulgaris leucoagglutinin analysis in the rat. , 1996, 374, 607-631.		88
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	The midline posterior hypothalamic region comprises a critical part of the ascending brainstem hippocampal synchronizing pathway. Hippocampus, 1994, 4, 454-473.	0.9	109
57	Extrinsic modulation of medial septal cell discharges by the ascending brainstem hippocampal synchronizing pathway. Hippocampus, 1994, 4, 649-660.	0.9	76
58	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
59	PHA-L analysis of projections from the supramammillary nucleus in the rat. Journal of Comparative Neurology, 1992, 326, 595-622.	0.9	249
60	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
61	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
62	A new role for FTG neurons?. Behavioral and Brain Sciences, 1986, 9, 425-426.	0.4	1
63	A life-sustaining function for REM sleep: A theory. Neuroscience and Biobehavioral Reviews, 1986, 10, 371-376.	2.9	40
64	Brainstem control of the events of rem sleep. Progress in Neurobiology, 1984, 22, 241-288.	2.8	184
65	Brain stem generation of the hippocampal EEG. Progress in Neurobiology, 1982, 19, 159-186.	2.8	158
66	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
67	Selective firing of rat pontine gigantocellular neurons during movement and REM sleep. Brain Research, 1977, 128, 146-152.	1.1	170
68	Hippocampal theta rhythm of REM sleep. , 0, , 151-163.		1