

# Kamil Vlcek

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,531  
citations

430442

18  
h-index

476904

29  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial navigation deficit in amnesic mild cognitive impairment. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4042-4047.	3.3	258
2	Spatial navigation impairment is proportional to right hippocampal volume. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2590-2594.	3.3	128
3	Spatial navigation testing discriminates two types of amnesic mild cognitive impairment. Behavioural Brain Research, 2009, 202, 252-259.	1.2	122
4	Allthetic orientation and sequential ordering of places is impaired in early stages of Alzheimer's disease: corresponding results in real space tests and computer tests. Behavioural Brain Research, 2005, 159, 175-186.	1.2	111
5	Subtype-dependence of N-methyl-d-aspartate receptor modulation by pregnenolone sulfate. Neuroscience, 2006, 137, 93-102.	1.1	106
6	Molecular Mechanism of Pregnenolone Sulfate Action at NR1/NR2B Receptors. Journal of Neuroscience, 2004, 24, 10318-10325.	1.7	88
7	Neural Correlates of Spatial Navigation Changes in Mild Cognitive Impairment and Alzheimer's Disease. Frontiers in Behavioral Neuroscience, 2014, 8, 89.	1.0	84
8	Human Analogue of the Morris Water Maze for Testing Subjects at Risk of Alzheimer's Disease. Neurodegenerative Diseases, 2010, 7, 148-152.	0.8	74
9	Spatial navigation—a unique window into physiological and pathological aging. Frontiers in Aging Neuroscience, 2012, 4, 16.	1.7	67
10	Spatial Navigation and APOE in Amnesic Mild Cognitive Impairment. Neurodegenerative Diseases, 2011, 8, 169-177.	0.8	65
11	From Morris Water Maze to Computer Tests in the Prediction of Alzheimer's Disease. Neurodegenerative Diseases, 2012, 10, 153-157.	0.8	57
12	Real-space path integration is impaired in Alzheimer's disease and mild cognitive impairment. Behavioural Brain Research, 2016, 307, 150-158.	1.2	46
13	Exploring the contribution of spatial navigation to cognitive functioning in older adults. Neurobiology of Aging, 2017, 51, 67-70.	1.5	45
14	APOE and spatial navigation in amnesic MCI: Results from a computer-based test. Neuropsychology, 2014, 28, 676-684.	1.0	43
15	A virtual reality task based on animal research on spatial learning and memory in patients after the first episode of schizophrenia. Frontiers in Behavioral Neuroscience, 2014, 8, 157.	1.0	34
16	Intracellular spermine decreases open probability of N-methyl-d-aspartate receptor channels. Neuroscience, 2004, 125, 879-887.	1.1	31
17	Risk factors for spatial memory impairment in patients with temporal lobe epilepsy. Epilepsy and Behavior, 2013, 26, 57-60.	0.9	29
18	Scopolamine disrupts place navigation in rats and humans: a translational validation of the Hidden Goal Task in the Morris water maze and a real maze for humans. Psychopharmacology, 2017, 234, 535-547.	1.5	24

#	ARTICLE	IF	CITATIONS
19	Visuospatial working memory is impaired in an animal model of schizophrenia induced by acute MK-801: An effect of pretraining. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 106, 117-123.	1.3	18
20	Perspective taking abilities in amnesic mild cognitive impairment and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2015, 281, 229-238.	1.2	18
21	Famous Landmark Identification in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e105623.	1.1	15
22	Brain mechanisms of visuospatial perspective-taking in relation to object mental rotation and the theory of mind. <i>Behavioural Brain Research</i> , 2021, 407, 113247.	1.2	13
23	Comparison of Visuospatial and Verbal Abilities in First Psychotic Episode of Schizophrenia Spectrum Disorder: Impact on Global Functioning and Quality of Life. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 322.	1.0	10
24	Mapping the Scene and Object Processing Networks by Intracranial EEG. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 561399.	1.0	8
25	Spatial Navigation Impairment in Healthy Aging and Alzheimer's Disease. , 0, , .		7
26	Is Chelation Therapy Efficient for the Treatment of Intravenous Metallic Mercury Intoxication?. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 628-633.	1.2	7
27	The Use of Egocentric and Allocentric Reference Frames in Static and Dynamic Conditions in Humans. <i>Physiological Research</i> , 2020, 69, 787-801.	0.4	7
28	Spatial navigation deficits in amnesic mild cognitive impairment with neuropsychiatric comorbidity. <i>Aging, Neuropsychology, and Cognition</i> , 2018, 25, 277-289.	0.7	6
29	Is Central Europe Safe from Environmental Lead Intoxications? A Case Series. <i>Central European Journal of Public Health</i> , 2016, 24, 120-122.	0.4	5
30	New Potential Inhibitors of Pheromonal Attraction in the Oriental Fruit Moth, <i>Cydia molesta</i> . <i>Collection of Czechoslovak Chemical Communications</i> , 1998, 63, 1031-1044.	1.0	2
31	O2-07-05: DIFFERENCES IN SPATIAL AND TEMPORAL ORDER MEMORY IN VARIOUS NEURODEGENERATIVE DEMENTIAS. , 2014, 10, P179-P179.		0
32	P2-091: Tomm40 $\epsilon$ 23 $\epsilon$ polymorphisms may influence cognitive functions in patients with amnesic mild cognitive impairment. , 2015, 11, P519-P519.		0
33	O2-04-03: Distinct Spatial Navigation Impairment Across Neurodegenerative Dementias and its Neuroanatomical Underpinnings. <i>Alzheimer's and Dementia</i> , 2016, 12, P230.	0.4	0
34	P1-182: The Effect of APOE E4 on Episodic Memory in Patients with Amnesic Mild Cognitive Impairment. , 2016, 12, P474-P474.		0
35	P2-210: Specific Differences in Spatial Navigation Performance in Neurodegenerative Dementias. <i>Alzheimer's and Dementia</i> , 2016, 12, P701.	0.4	0