

# Parashkev C Nachev

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

5,681  
citations

186265

28  
h-index

82547

72  
g-index

83  
all docs

83  
docs citations

83  
times ranked

7780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Orienting to fear under transient focal disruption of the human amygdala. <i>Brain</i> , 2023, 146, 135-148.	7.6	4
2	Multivariate Lesion-Deficit Mapping. , 2022, , 178-187.		0
3	Generative model-enhanced human motion prediction. <i>Applied AI Letters</i> , 2022, 3, .	2.2	9
4	Machine prescription for chronic migraine. <i>Brain Communications</i> , 2022, 4, fcac059.	3.3	3
5	Network topological determinants of pathogen spread. <i>Scientific Reports</i> , 2022, 12, 7692.	3.3	8
6	Analyzing historical and future acute neurosurgical demand using an AI-enabled predictive dashboard. <i>Scientific Reports</i> , 2022, 12, 7603.	3.3	1
7	Machine phenotyping of cluster headache and its response to verapamil. <i>Brain</i> , 2021, 144, 655-664.	7.6	12
8	Deconstructing Dizziness. <i>Frontiers in Neurology</i> , 2021, 12, 664107.	2.4	0
9	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. <i>Cortex</i> , 2021, 143, 164-179.	2.4	18
10	Constipation Predominant Irritable Bowel Syndrome and Functional Constipation Are Not Discrete Disorders: A Machine Learning Approach. <i>American Journal of Gastroenterology</i> , 2021, 116, 142-151.	0.4	13
11	Multi-model mapping of phonemic fluency. <i>Brain Communications</i> , 2021, 3, fcab232.	3.3	9
12	Reclassifying stroke lesion anatomy. <i>Cortex</i> , 2021, 145, 1-12.	2.4	16
13	Neurodevelopmental Disorders: Sensing Tourette's Tics Away. <i>Current Biology</i> , 2020, 30, R698-R700.	3.9	1
14	Brain disconnections link structural connectivity with function and behaviour. <i>Nature Communications</i> , 2020, 11, 5094.	12.8	112
15	Resective surgery prevents progressive cortical thinning in temporal lobe epilepsy. <i>Brain</i> , 2020, 143, 3262-3272.	7.6	27
16	Fast high-resolution metabolic imaging of acute stroke with 3D magnetic resonance spectroscopy. <i>Brain</i> , 2020, 143, 3225-3233.	7.6	20
17	Metabolic lesion-deficit mapping of human cognition. <i>Brain</i> , 2020, 143, 877-890.	7.6	13
18	Full-waveform inversion imaging of the human brain. <i>Npj Digital Medicine</i> , 2020, 3, 28.	10.9	108

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19	Quantifying the Impact of Chronic Ischemic Injury on Clinical Outcomes in Acute Stroke With Machine Learning. <i>Frontiers in Neurology</i> , 2020, 11, 15.	2.4	7
20	The Value of Data: Applying a Public Value Model to the English National Health Service. <i>Journal of Medical Internet Research</i> , 2020, 22, e15816.	4.3	5
21	Progressive Cortical Thinning in Patients With Focal Epilepsy. <i>JAMA Neurology</i> , 2019, 76, 1230.	9.0	132
22	Spatial and episodic memory tasks promote temporal lobe interictal spikes. <i>Annals of Neurology</i> , 2019, 86, 304-309.	5.3	10
23	The neural basis of meta-volition. <i>Communications Biology</i> , 2019, 2, 101.	4.4	1
24	Modelling MR and clinical features in grade II/III astrocytomas to predict IDH mutation status. <i>European Journal of Radiology</i> , 2019, 114, 120-127.	2.6	21
25	Association of Piriform Cortex Resection With Surgical Outcomes in Patients With Temporal Lobe Epilepsy. <i>JAMA Neurology</i> , 2019, 76, 690.	9.0	69
26	Predicting scheduled hospital attendance with artificial intelligence. <i>Npj Digital Medicine</i> , 2019, 2, 26.	10.9	84
27	Redefining the research hospital. <i>Npj Digital Medicine</i> , 2019, 2, 119.	10.9	6
28	Generating truth from error: insights from neurodevelopmental disorders. <i>Brain</i> , 2019, 142, 11-14.	7.6	0
29	Multi-domain Adaptation in Brain MRI Through Paired Consistency and Adversarial Learning. <i>Lecture Notes in Computer Science</i> , 2019, 2019, 54-62.	1.3	22
30	NiftyNet: a deep-learning platform for medical imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 113-122.	4.7	407
31	High-dimensional therapeutic inference in the focally damaged human brain. <i>Brain</i> , 2018, 141, 48-54.	7.6	27
32	Cognitive estimation: Performance of patients with focal frontal and posterior lesions. <i>Neuropsychologia</i> , 2018, 115, 70-77.	1.6	18
33	The dimensionalities of lesion-deficit mapping. <i>Neuropsychologia</i> , 2018, 115, 134-141.	1.6	48
34	Probabilistic electrical stimulation mapping of human medial frontal cortex. <i>Cortex</i> , 2018, 109, 336-346.	2.4	22
35	Lost in translation. <i>F1000Research</i> , 2018, 7, 620.	1.6	9
36	Comparing GABA-dependent physiological measures of inhibition with proton magnetic resonance spectroscopy measurement of GABA using ultra-high-field MRI. <i>NeuroImage</i> , 2017, 152, 360-370.	4.2	100

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37	Magnetic Oculomotor Prosthetics for Acquired Nystagmus. <i>Ophthalmology</i> , 2017, 124, 1556-1564.	5.2	9
38	Reversed Procrastination by Focal Disruption of Medial Frontal Cortex. <i>Current Biology</i> , 2016, 26, 2893-2898.	3.9	6
39	Dynamic risk control by human nucleus accumbens. <i>Brain</i> , 2015, 138, 3496-3502.	7.6	15
40	The neural antecedents to voluntary action: Response to commentaries. <i>Cognitive Neuroscience</i> , 2015, 6, 180-186.	1.4	5
41	The first step in modern lesion-deficit analysis: Figure 1. <i>Brain</i> , 2015, 138, e354-e354.	7.6	29
42	The Frontal Control of Stopping. <i>Cerebral Cortex</i> , 2015, 25, 4392-4406.	2.9	44
43	The scotogenic contact lens: a novel device for treating binocular diplopia. <i>British Journal of Ophthalmology</i> , 2015, 99, 1022-1024.	3.9	1
44	The Neuroanatomical Correlates of Training-Related Perceptuo-Reflex Uncoupling in Dancers. <i>Cerebral Cortex</i> , 2015, 25, 554-562.	2.9	78
45	The complexities of lesion-deficit inference in the human brain: Reply to Herbet etÂal.. <i>Cortex</i> , 2015, 64, 417-419.	2.4	5
46	Human brain lesion-deficit inference remapped. <i>Brain</i> , 2014, 137, 2522-2531.	7.6	304
47	The neural antecedents to voluntary action: A conceptual analysis. <i>Cognitive Neuroscience</i> , 2014, 5, 193-208.	1.4	55
48	A new method for automated high-dimensional lesion segmentation evaluated in vascular injury and applied to the human occipital lobe. <i>Cortex</i> , 2014, 56, 51-63.	2.4	32
49	Oculomotor Dysfunction in Parkinsonâ€™s Disease. , 2013, , 379-389.		1
50	Internet teleneurology. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1134-1134.	1.9	0
51	Neck atonia with a focal stimulationâ€­induced seizure arising from the SMA: Pathophysiological considerations. <i>Epilepsy and Behavior</i> , 2012, 24, 503-506.	1.7	5
52	The blind executive. <i>NeuroImage</i> , 2011, 57, 312-313.	4.2	21
53	Urges, inhibition, and voluntary action. <i>Cognitive Neuroscience</i> , 2011, 2, 247-248.	1.4	5
54	Action and the fallacy of the â€­internalâ€™: Comment on Passingham et al. <i>Trends in Cognitive Sciences</i> , 2010, 14, 192-193.	7.8	26

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55	The incompetence of competency assessments in neurology. <i>Practical Neurology</i> , 2010, 10, 335-338.	1.1	1
56	Functional Neuroanatomy: The Locus of Human Intelligence. <i>Current Biology</i> , 2009, 19, R418-R420.	3.9	5
57	Cognition and the supplementary motor complex. <i>Nature Reviews Neuroscience</i> , 2009, 10, 78-78.	10.2	2
58	The functional anatomy of the frontal lobes. <i>Nature Reviews Neuroscience</i> , 2009, 10, 829-829.	10.2	9
59	Saccadometry of Conditional Rules in Presymptomatic Huntington's Disease. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 444-450.	3.8	14
60	The Saccade-Related Local Field Potentials of the Superior Colliculus: A Functional Marker for Localizing the Periventricular and Periaqueductal Gray. <i>Journal of Clinical Neurophysiology</i> , 2009, 26, 280-287.	1.7	4
61	Functional role of the supplementary and pre-supplementary motor areas. <i>Nature Reviews Neuroscience</i> , 2008, 9, 856-869.	10.2	1,491
62	Control over Conflict during Movement Preparation: Role of Posterior Parietal Cortex. <i>Neuron</i> , 2008, 58, 144-157.	8.1	70
63	Enantiomorphic normalization of focally lesioned brains. <i>NeuroImage</i> , 2008, 39, 1215-1226.	4.2	192
64	Volition and eye movements. <i>Progress in Brain Research</i> , 2008, 171, 391-398.	1.4	4
65	Space and the parietal cortex. <i>Trends in Cognitive Sciences</i> , 2007, 11, 30-36.	7.8	433
66	Human Medial Frontal Cortex Mediates Unconscious Inhibition of Voluntary Action. <i>Neuron</i> , 2007, 54, 697-711.	8.1	304
67	The role of the pre-supplementary motor area in the control of action. <i>NeuroImage</i> , 2007, 36, T155-T163.	4.2	346
68	Role of the human supplementary eye field in the control of saccadic eye movements. <i>Neuropsychologia</i> , 2007, 45, 997-1008.	1.6	59
69	Comment on "Detecting Awareness in the Vegetative State". <i>Science</i> , 2007, 315, 1221-1221.	12.6	51
70	Disorders of Visual Attention and the Posterior Parietal Cortex. <i>Cortex</i> , 2006, 42, 766-773.	2.4	51
71	Which Visual Pathways Cause Fixation-Related Inhibition?. <i>Journal of Neurophysiology</i> , 2006, 95, 1527-1536.	1.8	28
72	Cognition and medial frontal cortex in health and disease. <i>Current Opinion in Neurology</i> , 2006, 19, 586-592.	3.6	48

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73	Space re-exploration in hemispatial neglect. NeuroReport, 2006, 17, 833-836.	1.2	39
74	Attentional modulation of sensorimotor processes in the absence of perceptual awareness. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10520-10525.	7.1	135
75	Cognitive Processes in Saccade Generation. Annals of the New York Academy of Sciences, 2005, 1039, 176-183.	3.8	15
76	Volition and Conflict in Human Medial Frontal Cortex. Current Biology, 2005, 15, 122-128.	3.9	286
77	Distinct Cortical and Collicular Mechanisms of Inhibition of Return Revealed with S Cone Stimuli. Current Biology, 2004, 14, 2259-2263.	3.9	82
78	Enrolment in clinical research at UCLH and geographically distributed indices of deprivation. Wellcome Open Research, 0, 6, 342.	1.8	0