Parashkev C Nachev

List of Publications by Year
in descending order

78 papers	5,681 citations	185998 28 h-index	82410 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. Brain, 2023, 146, 135-148.	3.7	4
2	Multivariate Lesion-Deficit Mapping. , 2022, , 178-187.		0
3	Generative model–enhanced human motion prediction. Applied AI Letters, 2022, 3, .	1.4	9
4	Machine prescription for chronic migraine. Brain Communications, 2022, 4, fcac059.	1.5	3
5	Network topological determinants of pathogen spread. Scientific Reports, 2022, 12, 7692.	1.6	8
6	Analyzing historical and future acute neurosurgical demand using an AI-enabled predictive dashboard. Scientific Reports, 2022, 12, 7603.	1.6	1
7	Machine phenotyping of cluster headache and its response to verapamil. Brain, 2021, 144, 655-664.	3.7	12
8	Deconstructing Dizziness. Frontiers in Neurology, 2021, 12, 664107.	1.1	0
9	The autonomic brain: Multi-dimensional generative hierarchical modelling of the autonomic connectome. Cortex, 2021, 143, 164-179.	1.1	18
10	Constipation Predominant Irritable Bowel Syndrome and Functional Constipation Are Not Discrete Disorders: A Machine Learning Approach. American Journal of Gastroenterology, 2021, 116, 142-151.	0.2	13
11	Multi-model mapping of phonemic fluency. Brain Communications, 2021, 3, fcab232.	1.5	9
12	Reclassifying stroke lesion anatomy. Cortex, 2021, 145, 1-12.	1.1	16
13	Neurodevelopmental Disorders: Sensing Tourette's Tics Away. Current Biology, 2020, 30, R698-R700.	1.8	1
14	Brain disconnections link structural connectivity with function and behaviour. Nature Communications, 2020, 11, 5094.	5.8	112
15	Resective surgery prevents progressive cortical thinning in temporal lobe epilepsy. Brain, 2020, 143, 3262-3272.	3.7	27
16	Fast high-resolution metabolic imaging of acute stroke with 3D magnetic resonance spectroscopy. Brain, 2020, 143, 3225-3233.	3.7	20
17	Metabolic lesion-deficit mapping of human cognition. Brain, 2020, 143, 877-890.	3.7	13
18	Full-waveform inversion imaging of the human brain. Npj Digital Medicine, 2020, 3, 28.	5.7	108

#	Article	IF	Citations
19	Quantifying the Impact of Chronic Ischemic Injury on Clinical Outcomes in Acute Stroke With Machine Learning. Frontiers in Neurology, 2020, 11, 15.	1.1	7
20	The Value of Data: Applying a Public Value Model to the English National Health Service. Journal of Medical Internet Research, 2020, 22, e15816.	2.1	5
21	Progressive Cortical Thinning in Patients With Focal Epilepsy. JAMA Neurology, 2019, 76, 1230.	4.5	132
22	Spatial and episodic memory tasks promote temporal lobe interictal spikes. Annals of Neurology, 2019, 86, 304-309.	2.8	10
23	The neural basis of meta-volition. Communications Biology, 2019, 2, 101.	2.0	1
24	Modelling MR and clinical features in grade II/III astrocytomas to predict IDH mutation status. European Journal of Radiology, 2019, 114, 120-127.	1.2	21
25	Association of Piriform Cortex Resection With Surgical Outcomes in Patients With Temporal Lobe Epilepsy. JAMA Neurology, 2019, 76, 690.	4.5	69
26	Predicting scheduled hospital attendance with artificial intelligence. Npj Digital Medicine, 2019, 2, 26.	5.7	84
27	Redefining the research hospital. Npj Digital Medicine, 2019, 2, 119.	5.7	6
28	Generating truth from error: insights from neurodevelopmental disorders. Brain, 2019, 142, 11-14.	3.7	0
29	Multi-domain Adaptation in Brain MRI Through Paired Consistency and Adversarial Learning. Lecture Notes in Computer Science, 2019, 2019, 54-62.	1.0	22
30	NiftyNet: a deep-learning platform for medical imaging. Computer Methods and Programs in Biomedicine, 2018, 158, 113-122.	2.6	407
31	High-dimensional therapeutic inference in the focally damaged human brain. Brain, 2018, 141, 48-54.	3.7	27
32	Cognitive estimation: Performance of patients with focal frontal and posterior lesions. Neuropsychologia, 2018, 115, 70-77.	0.7	18
33	The dimensionalities of lesion-deficit mapping. Neuropsychologia, 2018, 115, 134-141.	0.7	48
34	Probabilistic electrical stimulation mapping of human medial frontal cortex. Cortex, 2018, 109, 336-346.	1.1	22
35	Lost in translation. F1000Research, 2018, 7, 620.	0.8	9
36	Comparing GABA-dependent physiological measures of inhibition with proton magnetic resonance spectroscopy measurement of GABA using ultra-high-field MRI. NeuroImage, 2017, 152, 360-370.	2.1	100

#	Article	IF	Citations
37	Magnetic Oculomotor Prosthetics for Acquired Nystagmus. Ophthalmology, 2017, 124, 1556-1564.	2.5	9
38	Reversed Procrastination by Focal Disruption of Medial Frontal Cortex. Current Biology, 2016, 26, 2893-2898.	1.8	6
39	Dynamic risk control by human nucleus accumbens. Brain, 2015, 138, 3496-3502.	3.7	15
40	The neural antecedents to voluntary action: Response to commentaries. Cognitive Neuroscience, 2015, 6, 180-186.	0.6	5
41	The first step in modern lesion-deficit analysis: Figure 1. Brain, 2015, 138, e354-e354.	3.7	29
42	The Frontal Control of Stopping. Cerebral Cortex, 2015, 25, 4392-4406.	1.6	44
43	The scotogenic contact lens: a novel device for treating binocular diplopia. British Journal of Ophthalmology, 2015, 99, 1022-1024.	2.1	1
44	The Neuroanatomical Correlates of Training-Related Perceptuo-Reflex Uncoupling in Dancers. Cerebral Cortex, 2015, 25, 554-562.	1.6	78
45	The complexities of lesion-deficit inference in the human brain: Reply to Herbet etÂal.. Cortex, 2015, 64, 417-419.	1.1	5
46	Human brain lesion-deficit inference remapped. Brain, 2014, 137, 2522-2531.	3.7	304
47	The neural antecedents to voluntary action: A conceptual analysis. Cognitive Neuroscience, 2014, 5, 193-208.	0.6	55
48	A new method for automated high-dimensional lesion segmentation evaluated in vascular injury and applied to the human occipital lobe. Cortex, 2014, 56, 51-63.	1.1	32
49	Oculomotor Dysfunction in Parkinsonâ€™s Disease. , 2013, , 379-389.		1
50	Internet teleneurology. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 1134-1134.	0.9	0
51	Neck atonia with a focal stimulationâ€induced seizure arising from the SMA: Pathophysiological considerations. Epilepsy and Behavior, 2012, 24, 503-506.	0.9	5
52	The blind executive. NeuroImage, 2011, 57, 312-313.	2.1	21
53	Urges, inhibition, and voluntary action. Cognitive Neuroscience, 2011, 2, 247-248.	0.6	5
54	Action and the fallacy of the â€˜internalâ€™: Comment on Passingham et al. Trends in Cognitive Sciences, 2010, 14, 192-193.	4.0	26

#	Article	IF	Citations
55	The incompetence of competency assessments in neurology. Practical Neurology, 2010, 10, 335-338.	0.5	1
56	Functional Neuroanatomy: The Locus of Human Intelligence. Current Biology, 2009, 19, R418-R420.	1.8	5
57	Cognition and the supplementary motor complex. Nature Reviews Neuroscience, 2009, 10, 78-78.	4.9	2
58	The functional anatomy of the frontal lobes. Nature Reviews Neuroscience, 2009, 10, 829-829.	4.9	9
59	Saccadometry of Conditional Rules in Presymptomatic Huntington's Disease. Annals of the New York Academy of Sciences, 2009, 1164, 444-450.	1.8	14
60	The Saccade-Related Local Field Potentials of the Superior Colliculus: A Functional Marker for Localizing the Periventricular and Periaqueductal Gray. Journal of Clinical Neurophysiology, 2009, 26, 280-287.	0.9	4
61	Functional role of the supplementary and pre-supplementary motor areas. Nature Reviews Neuroscience, 2008, 9, 856-869.	4.9	1,491
62	Control over Conflict during Movement Preparation: Role of Posterior Parietal Cortex. Neuron, 2008, 58, 144-157.	3.8	70
63	Enantiomorphic normalization of focally lesioned brains. NeuroImage, 2008, 39, 1215-1226.	2.1	192
64	Volition and eye movements. Progress in Brain Research, 2008, 171, 391-398.	0.9	4
65	Space and the parietal cortex. Trends in Cognitive Sciences, 2007, 11, 30-36.	4.0	433
66	Human Medial Frontal Cortex Mediates Unconscious Inhibition of Voluntary Action. Neuron, 2007, 54, 697-711.	3.8	304
67	The role of the pre-supplementary motor area in the control of action. NeuroImage, 2007, 36, T155-T163.	2.1	346
68	Role of the human supplementary eye field in the control of saccadic eye movements. Neuropsychologia, 2007, 45, 997-1008.	0.7	59
69	Comment on "Detecting Awareness in the Vegetative State". Science, 2007, 315, 1221-1221.	6.0	51
70	Disorders of Visual Attention and the Posterior Parietal Cortex. Cortex, 2006, 42, 766-773.	1.1	51
71	Which Visual Pathways Cause Fixation-Related Inhibition?. Journal of Neurophysiology, 2006, 95, 1527-1536.	0.9	28
72	Cognition and medial frontal cortex in health and disease. Current Opinion in Neurology, 2006, 19, 586-592.	1.8	48

#	Article	IF	Citations
73	Space re-exploration in hemispatial neglect. NeuroReport, 2006, 17, 833-836.	0.6	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.	3.3	135
75	Cognitive Processes in Saccade Generation. Annals of the New York Academy of Sciences, 2005, 1039, 176-183.	1.8	15
76	Volition and Conflict in Human Medial Frontal Cortex. Current Biology, 2005, 15, 122-128.	1.8	286
77	Distinct Cortical and Collicular Mechanisms of Inhibition of Return Revealed with S Cone Stimuli. Current Biology, 2004, 14, 2259-2263.	1.8	82
78	Enrolment in clinical research at UCLH and geographically distributed indices of deprivation. Wellcome Open Research, 0, 6, 342.	0.9	0