Kamen A Tsvetanov

List of Publications by Year
in descending order

41 papers	2,071 citations	331259 21 h-index	301761 39 g-index
64 all docs	64 docs citations	64 times ranked	2750 citing authors

#	Article	IF	Citations
1	Extrinsic and Intrinsic Brain Network Connectivity Maintains Cognition across the Lifespan Despite Accelerated Decay of Regional Brain Activation. Journal of Neuroscience, 2016, 36, 3115-3126.	1.7	185
2	The effect of ageing on f<scp>MRI</scp>: Correction for the confounding effects of vascular reactivity evaluated by joint f<scp>MRI</scp> and <scp>MEG</scp> in 335 adults. Human Brain Mapping, 2015, 36, 2248-2269.	1.9	169
3	Challenges in measuring individual differences in functional connectivity using fMRI: The case of healthy aging. Human Brain Mapping, 2017, 38, 4125-4156.	1.9	158
4	Neuroinflammation and Functional Connectivity in Alzheimer's Disease: Interactive Influences on Cognitive Performance. Journal of Neuroscience, 2019, 39, 7218-7226.	1.7	145
5	Dispersion of functional gradients across the adult lifespan. NeuroImage, 2020, 222, 117299.	2.1	123
6	Microglial activation and tau burden predict cognitive decline in Alzheimer's disease. Brain, 2020, 143, 1588-1602.	3.7	113
7	Ageing increases reliance on sensorimotor prediction through structural and functional differences in frontostriatal circuits. Nature Communications, 2016, 7, 13034.	5.8	101
8	Redefining the multidimensional clinical phenotypes of frontotemporal lobar degeneration syndromes. Brain, 2020, 143, 1555-1571.	3.7	94
9	Separating vascular and neuronal effects of age on fMRI BOLD signals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190631.	1.8	77
10	Idiosyncratic responding during movie-watching predicted by age differences in attentional control. Neurobiology of Aging, 2015, 36, 3045-3055.	1.5	74
11	Noradrenergic-dependent functions are associated with age-related locus coeruleus signal intensity differences. Nature Communications, 2020, 11, 1712.	5.8	74
12	Activity and Connectivity Differences Underlying Inhibitory Control Across the Adult Life Span. Journal of Neuroscience, 2018, 38, 7887-7900.	1.7	69
13	Preserved cognitive functions with age are determined by domain-dependent shifts in network responsivity. Nature Communications, 2017, 8, 14743.	5.8	62
14	Locus coeruleus integrity and the effect of atomoxetine on response inhibition in Parkinson's disease. Brain, 2021, 144, 2513-2526.	3.7	53
15	The effects of age on resting-state BOLD signal variability is explained by cardiovascular and cerebrovascular factors. Psychophysiology, 2021, 58, e13714.	1.2	51
16	An in vivo probabilistic atlas of the human locus coeruleus at ultra-high field. NeuroImage, 2021, 225, 117487.	2.1	50
17	Age-related reduction in motor adaptation: brain structural correlates and the role of explicit memory. Neurobiology of Aging, 2020, 90, 13-23.	1.5	42
18	Strong and specific associations between cardiovascular risk factors and white matter micro- and macrostructure in healthy aging. Neurobiology of Aging, 2019, 74, 46-55.	1.5	38

#	Article	IF	Citations
19	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. Alzheimer's and Dementia, 2021, 17, 500-514.	0.4	36
20	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. Alzheimer's and Dementia, 2021, 17, 969-983.	0.4	31
21	Age-related differences in selection by visual saliency. Attention, Perception, and Psychophysics, 2013, 75, 1382-1394.	0.7	30
22	Transient neural network dynamics in cognitive ageing. Neurobiology of Aging, 2021, 105, 217-228.	1.5	29
23	Perceptual and conceptual processing of visual objects across the adult lifespan. Scientific Reports, 2019, 9, 13771.	1.6	23
24	The use of resting state data in an integrative approach to studying neurocognitive ageing – commentary on Campbell and Schacter (2016). Language, Cognition and Neuroscience, 2017, 32, 684-691.	0.7	19
25	Noradrenergic deficits contribute to apathy in Parkinson's disease through the precision of expected outcomes. PLoS Computational Biology, 2022, 18, e1010079.	1.5	19
26	Correlation Constraints for Regression Models: Controlling Bias in Brain Age Prediction. Frontiers in Psychiatry, 2021, 12, 615754.	1.3	18
27	Learning Shapes the Representation of Visual Categories in the Aging Human Brain. Journal of Cognitive Neuroscience, 2010, 22, 2899-2912.	1.1	16
28	Prefrontal Cortical Connectivity Mediates Locus Coeruleus Noradrenergic Regulation of Inhibitory Control in Older Adults. Journal of Neuroscience, 2022, 42, 3484-3493.	1.7	16
29	Melting corneal ulcers (keratomalacia) in dogs: A 5-year clinical and microbiological study (2014–2018). Veterinary Ophthalmology, 2021, 24, 265-278.	0.6	15
30	Metabolomic changes associated with frontotemporal lobar degeneration syndromes. Journal of Neurology, 2020, 267, 2228-2238.	1.8	12
31	Language Disorder in Progressive Supranuclear Palsy and Corticobasal Syndrome: Neural Correlates and Detection by the MLSE Screening Tool. Frontiers in Aging Neuroscience, 2021, 13, 675739.	1.7	11
32	Proton magnetic resonance spectroscopy in frontotemporal lobar degeneration-related syndromes. Neurobiology of Aging, 2022, 111, 64-70.	1.5	10
33	Quality assessment of anatomical MRI images from generative adversarial networks: Human assessment and image quality metrics. Journal of Neuroscience Methods, 2022, 374, 109579.	1.3	10
34	In Vivo 18F-Flortaucipir PET Does Not Accurately Support the Staging of Progressive Supranuclear Palsy. Journal of Nuclear Medicine, 2022, 63, 1052-1057.	2.8	9
35	The role of the arousal system in age-related differences in cortical functional network architecture. Human Brain Mapping, 2022, 43, 985-997.	1.9	8
36	Modelling and simulation of communication efficiency in low-speed networks. , 2014, , .		5

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37	Usefulness of Physical Fitness and the Metabolic Syndrome to Predict Vascular Disease Risk in Older Chinese (from the Guangzhou Biobank Cohort Study-Cardiovascular Disease Subcohort [GBCS-CVD]). American Journal of Cardiology, 2011, 108, 845-850.	0.7	4
38	Dissociating effects of stimulus identity and load on working memory attentional guidance: Lengthening encoding time eliminates the effect of load but not identity. Quarterly Journal of Experimental Psychology, 2012, 65, 1475-1483.	0.6	4
39	The â€œNeural Shiftâ€•of Sleep Quality and Cognitive Aging: A Resting-State MEG Study of Transient Neural Dynamics. Frontiers in Aging Neuroscience, 2021, 13, 746236.	1.7	4
40	The prognostic role of microglia and tau PET in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e039817.	0.4	1
41	Trajectory of apathy, cognition and neural correlates in the decades before symptoms in frontotemporal dementia. Alzheimer's and Dementia, 2020, 16, e041821.	0.4	0