

# Serguei V Astafiev

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

4,959  
citations

304602

22  
h-index

501076

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

6088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resting interhemispheric functional magnetic resonance imaging connectivity predicts performance after stroke. <i>Annals of Neurology</i> , 2010, 67, 365-375.	2.8	657
2	Functional Organization of Human Intraparietal and Frontal Cortex for Attending, Looking, and Pointing. <i>Journal of Neuroscience</i> , 2003, 23, 4689-4699.	1.7	584
3	Extrastriate body area in human occipital cortex responds to the performance of motor actions. <i>Nature Neuroscience</i> , 2004, 7, 542-548.	7.1	561
4	An Event-Related Functional Magnetic Resonance Imaging Study of Voluntary and Stimulus-Driven Orienting of Attention. <i>Journal of Neuroscience</i> , 2005, 25, 4593-4604.	1.7	487
5	Right Hemisphere Dominance during Spatial Selective Attention and Target Detection Occurs Outside the Dorsal Frontoparietal Network. <i>Journal of Neuroscience</i> , 2010, 30, 3640-3651.	1.7	445
6	Common Behavioral Clusters and Subcortical Anatomy in Stroke. <i>Neuron</i> , 2015, 85, 927-941.	3.8	353
7	Interaction of Stimulus-Driven Reorienting and Expectation in Ventral and Dorsal Frontoparietal and Basal Ganglia-Cortical Networks. <i>Journal of Neuroscience</i> , 2009, 29, 4392-4407.	1.7	342
8	Quantitative Analysis of Attention and Detection Signals During Visual Search. <i>Journal of Neurophysiology</i> , 2003, 90, 3384-3397.	0.9	234
9	Right TPJ Deactivation during Visual Search: Functional Significance and Support for a Filter Hypothesis. <i>Cerebral Cortex</i> , 2007, 17, 2625-2633.	1.6	228
10	Upstream Dysfunction of Somatomotor Functional Connectivity After Corticospinal Damage in Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 7-19.	1.4	183
11	Large-scale changes in network interactions as a physiological signature of spatial neglect. <i>Brain</i> , 2014, 137, 3267-3283.	3.7	159
12	A functional MRI study of preparatory signals for spatial location and objects. <i>Neuropsychologia</i> , 2005, 43, 2041-2056.	0.7	93
13	Visuospatial reorienting signals in the human temporo-parietal junction are independent of response selection. <i>European Journal of Neuroscience</i> , 2006, 23, 591-596.	1.2	92
14	Frequency-specific mechanism links human brain networks for spatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19585-19590.	3.3	88
15	Comment on "Modafinil Shifts Human Locus Coeruleus to Low-Tonic, High-Phasic Activity During Functional MRI" and "Homeostatic Sleep Pressure and Responses to Sustained Attention in the Suprachiasmatic Area". <i>Science</i> , 2010, 328, 309-309.	6.0	66
16	Abnormal White Matter Blood-Oxygen-Level-Dependent Signals in Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1254-1271.	1.7	50
17	Changing Human Visual Field Organization from Early Visual to Extra-Occipital Cortex. <i>PLoS ONE</i> , 2007, 2, e452.	1.1	45
18	Genetically defined cellular correlates of the baseline brain MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9727-E9736.	3.3	43

#	ARTICLE	IF	CITATIONS
19	Differential white matter involvement associated with distinct visuospatial deficits after right hemisphere stroke. <i>Cortex</i> , 2017, 88, 81-97.	1.1	41
20	Reliability and stability challenges in ABCD task fMRI data. <i>NeuroImage</i> , 2022, 252, 119046.	2.1	40
21	Exploring the physiological correlates of chronic mild traumatic brain injury symptoms. <i>NeuroImage: Clinical</i> , 2016, 11, 10-19.	1.4	37
22	Response to Comment on "Modafinil Shifts Human Locus Coeruleus to Low-Tonic, High-Phasic Activity During Functional MRI". <i>Science</i> , 2010, 328, 309-309.	6.0	33
23	Top-down cortical interactions in visuospatial attention. <i>Brain Structure and Function</i> , 2017, 222, 3127-3145.	1.2	28
24	Test-retest reliability of fMRI-measured brain activity during decision making under risk. <i>NeuroImage</i> , 2020, 214, 116759.	2.1	24
25	Test-Retest Reliability of Neural Correlates of Response Inhibition and Error Monitoring: An fMRI Study of a Stop-Signal Task. <i>Frontiers in Neuroscience</i> , 2021, 15, 624911.	1.4	17
26	Adolescent Decision-Making Under Risk: Neural Correlates and Sex Differences. <i>Cerebral Cortex</i> , 2020, 30, 2691-2707.	1.6	14
27	Shared genetic influences on adolescent body mass index and brain structure: A voxel-based morphometry study in twins. <i>NeuroImage</i> , 2019, 199, 261-272.	2.1	8
28	A Novel Gradient Echo Plural Contrast Imaging Method Detects Brain Tissue Abnormalities in Patients With TBI Without Evident Anatomical Changes on Clinical MRI: A Pilot Study. <i>Military Medicine</i> , 2019, 184, 218-227.	0.4	7
29	[ICâ€â€169]: GRADIENT ECHO PLURAL CONTRAST MRI PROVIDES NEW SURROGATE MARKERS OF BRAIN PATHOLOGY IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P127.	0.4	0