Mircea A Schoenfeld

List of Publications by Year
in descending order

116	4,514	109264	118793
papers	citations	35 h-index	62 g-index

121	121	121	5105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrophysiological hallmarks of locationâ€based and objectâ€based visual multiple objects tracking. European Journal of Neuroscience, 2022, 55, 1200-1214.	1.2	0
2	Functional dissociation of multiple-object tracking mechanisms based on hemispheric asymmetries. Restorative Neurology and Neuroscience, 2021, 38, 443-453.	0.4	3
3	Longitudinal clinical and neuroanatomical correlates of memory impairment in motor neuron disease. NeuroImage: Clinical, 2021, 29, 102545.	1.4	13
4	Increased Amygdala Activity Associated With Cognitive Reappraisal Strategy in Functional Neurologic Disorder. Frontiers in Psychiatry, 2021, 12, 613156.	1.3	7
5	Attention expedites target selection by prioritizing the neural processing of distractor features. Communications Biology, 2021, 4, 814.	2.0	2
6	Brain activity is contingent on neuropsychological function in a functional magnetic resonance imaging study of verbal working memory in amyotrophic lateral sclerosis. European Journal of Neurology, 2021, 28, 3051-3060.	1.7	2
7	A simple metric to study the mechanisms generating event-related potentials. Journal of Neuroscience Methods, 2021, 360, 109230.	1.3	3
8	A direct neural measure of variable precision representations in visual working memory. Journal of Neurophysiology, 2021, 126, 1430-1439.	0.9	4
9	Modulating the global orientation bias of the visual system changes population receptive field elongations. Human Brain Mapping, 2020, 41, 1765-1774.	1.9	11
10	Electroencephalography reveals a selective disruption of cognitive control processes in craving cigarette smokers. European Journal of Neuroscience, 2020, 51, 1087-1105.	1.2	5
11	Parallel fast and slow recurrent cortical processing mediates target and distractor selection in visual search. Communications Biology, 2020, 3, 689.	2.0	7
12	Effects of a single mental chronometry training session in subacute stroke patients â€“ a randomized controlled trial. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 66.	0.7	4
13	Cortical, subcortical and spinal neural correlates of slackline training-induced balance performance improvements. NeuroImage, 2019, 202, 116061.	2.1	25
14	How to Perceive Object Permanence in Our Visual Environment: The Multiple Object Tracking Paradigm. Neuromethods, 2019, , 157-176.	0.2	1
15	A neural hallmark of auditory implicit learning is altered in older adults. PLoS ONE, 2019, 14, e0211468.	1.1	0
16	Dissociating Reward- and Attention-driven Biasing of Global Feature-based Selection in Human Visual Cortex. Journal of Cognitive Neuroscience, 2019, 31, 469-481.	1.1	5
17	Neural correlates of effort-dependent and effort-independent cognitive fatigue components in patients with multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 256-266.	1.4	36
18	Spatial elongation of population receptive field profiles revealed by modelâ€free f<scp>MRI</scp> backâ€projection. Human Brain Mapping, 2018, 39, 2472-2481.	1.9	23

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19	Cortical Mechanisms of Prioritizing Selection for Rejection in Visual Search. Journal of Neuroscience, 2018, 38, 4738-4748.	1.7	22
20	EEG measures of brain activity reveal that smoking-related images capture the attention of smokers outside of awareness. Neuropsychologia, 2018, 111, 324-333.	0.7	7
21	Enhanced spatial focusing increases feature-based selection in unattended locations. Scientific Reports, 2018, 8, 16132.	1.6	15
22	Global Hippocampal Volume Reductions and Local CA1 Shape Deformations in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2018, 9, 565.	1.1	19
23	Widespread temporo-occipital lobe dysfunction in amyotrophic lateral sclerosis. Scientific Reports, 2017, 7, 40252.	1.6	34
24	Spatio-temporal dynamics of attentional selection stages during multiple object tracking. NeuroImage, 2017, 146, 484-491.	2.1	13
25	Attention to Color Sharpens Neural Population Tuning via Feedback Processing in the Human Visual Cortex Hierarchy. Journal of Neuroscience, 2017, 37, 10346-10357.	1.7	29
26	Active prosthesis dependent functional cortical reorganization following stroke. Scientific Reports, 2017, 7, 8680.	1.6	5
27	Somatosensory Misrepresentation Associated with Chronic Pain: Spatiotemporal Correlates of Sensory Perception in a Patient following a Complex Regional Pain Syndrome Spread. Frontiers in Neurology, 2017, 8, 142.	1.1	11
28	Perimovement decrease of alpha/beta oscillations in the human nucleus accumbens. Journal of Neurophysiology, 2016, 116, 1663-1672.	0.9	8
29	Memory-Efficient Analysis of Dense Functional Connectomes. Frontiers in Neuroinformatics, 2016, 10, 50.	1.3	4
30	Extracting duration information in a picture category decoding task using hidden Markov Models. Journal of Neural Engineering, 2016, 13, 026010.	1.8	3
31	An electrophysiological marker of the desire to quit in smokers. European Journal of Neuroscience, 2016, 44, 2735-2741.	1.2	3
32	Mental chronometry and mental rotation abilities in stroke patients with different degrees of sensory deficit. Restorative Neurology and Neuroscience, 2016, 34, 907-914.	0.4	15
33	An electrophysiological dissociation of craving and stimulus-dependent attentional capture in smokers. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 1114-1126.	1.0	14
34	Functional networks of motor inhibition in conversion disorder patients and feigning subjects. NeuroImage: Clinical, 2016, 11, 719-727.	1.4	27
35	Reward-associated features capture attention in the absence of awareness: Evidence from object-substitution masking. NeuroImage, 2016, 137, 116-123.	2.1	10
36	The Rapid Capture of Attention by Rewarded Objects. Journal of Cognitive Neuroscience, 2016, 28, 529-541.	1.1	48

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37	Deep Brain Stimulation of the Pedunculopontine Tegmental Nucleus (PPN) Influences Visual Contrast Sensitivity in Human Observers. PLoS ONE, 2016, 11, e0155206.	1.1	8
38	Impact of left versus right hemisphere subcortical stroke on the neural processing of action observation and imagery. Restorative Neurology and Neuroscience, 2015, 33, 701-712.	0.4	8
39	Determinants of Global Color-Based Selection in Human Visual Cortex. Cerebral Cortex, 2015, 25, 2828-2841.	1.6	19
40	Neural correlates of visual motion processing without awareness in patients with striate cortex and pulvinar lesions. Human Brain Mapping, 2015, 36, 1585-1594.	1.9	24
41	Neural sources of visual working memory maintenance in human parietal and ventral extrastriate visual cortex. NeuroImage, 2015, 110, 78-86.	2.1	30
42	The modulatory impact of reward and attention on global feature selection in human visual cortex. Visual Cognition, 2015, 23, 229-248.	0.9	23
43	Neural correlates of multiple object tracking strategies. NeuroImage, 2015, 118, 63-73.	2.1	21
44	Basal ganglia pathology in ALS is associated with neuropsychological deficits. Neurology, 2015, 85, 1301-1309.	1.5	96
45	Structural hallmarks of amyotrophic lateral sclerosis progression revealed by probabilistic fiber tractography. Journal of Neurology, 2015, 262, 2257-2270.	1.8	18
46	Spatio-temporal Patterns of Brain Activity Distinguish Strategies of Multiple-object Tracking. Journal of Cognitive Neuroscience, 2014, 26, 28-40.	1.1	18
47	Neural correlates of training-induced improvements of calculation skills in patients with brain lesions. Restorative Neurology and Neuroscience, 2014, 32, 463-472.	0.4	6
48	Assessment of mental chronometry (MC) in healthy subjects. Archives of Gerontology and Geriatrics, 2014, 58, 226-230.	1.4	15
49	Reward- and Attention-related Biasing of Sensory Selection in Visual Cortex. Journal of Cognitive Neuroscience, 2014, 26, 1049-1065.	1.1	25
50	Structural and functional hallmarks of amyotrophic lateral sclerosis progression in motor- and memory-related brain regions. NeuroImage: Clinical, 2014, 5, 277-290.	1.4	34
51	Memory deficits in amyotrophic lateral sclerosis are not exclusively caused by executive dysfunction: a comparative neuropsychological study of amnestic mild cognitive impairment. BMC Neuroscience, 2014, 15, 83.	0.8	49
52	Object-based attention involves the sequential activation of feature-specific cortical modules. Nature Neuroscience, 2014, 17, 619-624.	7.1	82
53	Feature- and Object-Based Attention. , 2014, , 107-122.		0
54	The role of the pulvinar in distractor processing and visual search. Human Brain Mapping, 2013, 34, 1115-1132.	1.9	41

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55	Tactile stimulation and hemispheric asymmetries modulate auditory perception and neural responses in primary auditory cortex. NeuroImage, 2013, 79, 371-382.	2.1	21
56	Distinct neural correlates of attending speed vs. coherence of motion. NeuroImage, 2013, 64, 299-307.	2.1	9
57	Neural basis of multisensory looming signals. NeuroImage, 2013, 65, 13-22.	2.1	57
58	Distinct Representations of Attentional Control During Voluntary and Stimulus-Driven Shifts Across Objects and Locations. Cerebral Cortex, 2013, 23, 1351-1361.	1.6	16
59	Catechol-O-Methyltransferase Polymorphism Influences Outcome After Ischemic Stroke. Neurorehabilitation and Neural Repair, 2013, 27, 491-496.	1.4	18
60	Induction of cognitive fatigue in MS patients through cognitive and physical load. Neuropsychological Rehabilitation, 2013, 23, 182-201.	1.0	45
61	Sonography of the median nerve in CMT1A, CMT2A, CMTX, and HNPP. Muscle and Nerve, 2013, 47, 385-395.	1.0	69
62	Electrophysiological recordings in humans reveal reduced location-specific attentional-shift activity prior to recentering saccades. Journal of Neurophysiology, 2012, 107, 1393-1402.	0.9	15
63	Spatiotemporal Dynamics of Feature-Based Attention Spread: Evidence from Combined Electroencephalographic and Magnetoencephalographic Recordings. Journal of Neuroscience, 2012, 32, 9671-9676.	1.7	10
64	Action Imagery Combined With Action Observation Activates More Corticomotor Regions Than Action Observation Alone. Journal of Neurologic Physical Therapy, 2012, 36, 182-188.	0.7	73
65	Separable Mechanisms Underlying Global Feature-Based Attention. Journal of Neuroscience, 2012, 32, 15284-15295.	1.7	20
66	Magneto- and electroencephalographic manifestations of reward anticipation and delivery. NeuroImage, 2012, 62, 17-29.	2.1	77
67	Object-based Selection of Irrelevant Features Is Not Confined to the Attended Object. Journal of Cognitive Neuroscience, 2011, 23, 2231-2239.	1.1	24
68	24-Months results in two adults with Pompe disease on enzyme replacement therapy. Clinical Neurology and Neurosurgery, 2011, 113, 350-357.	0.6	26
69	Neural correlates of somatosensory processing in patients with neglect. Restorative Neurology and Neuroscience, 2011, 29, 253-263.	0.4	10
70	Neural processing of reward magnitude under varying attentional demands. Brain Research, 2011, 1383, 218-229.	1.1	33
71	Featureâ€based attention modulates directionâ€selective hemodynamic activity within human MT. Human Brain Mapping, 2011, 32, 2183-2192.	1.9	18
72	Temporal dynamics of reward processing revealed by magnetoencephalography. Human Brain Mapping, 2011, 32, 2228-2240.	1.9	61

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73	Substantia Nigra Activity Level Predicts Trial-to-Trial Adjustments in Cognitive Control. Journal of Cognitive Neuroscience, 2011, 23, 362-373.	1.1	31
74	Neural Mechanisms of Surround Attenuation and Distractor Competition in Visual Search. Journal of Neuroscience, 2011, 31, 5213-5224.	1.7	45
75	Neural Correlates of Hysterical Blindness. Cerebral Cortex, 2011, 21, 2394-2398.	1.6	41
76	Task-Load-Dependent Activation of Dopaminergic Midbrain Areas in the Absence of Reward. Journal of Neuroscience, 2011, 31, 4955-4961.	1.7	75
77	The spatial profile of the focus of attention in visual search: Insights from MEG recordings. Vision Research, 2010, 50, 1312-1320.	0.7	32
78	The attentional selection in visual search within short-term memory representations. Frontiers in Neuroscience, 2010, 4, 5.	1.4	6
79	The Saccadic Re-Centering Bias is Associated with Activity Changes in the Human Superior Colliculus. Frontiers in Human Neuroscience, 2010, 4, 193.	1.0	17
80	High-Field fMRI Reveals Brain Activation Patterns Underlying Saccade Execution in the Human Superior Colliculus. PLoS ONE, 2010, 5, e8691.	1.1	41
81	Age-independent activation in areas of the mirror neuron system during action observation and action imagery. A fMRI study. Restorative Neurology and Neuroscience, 2010, 28, 737-747.	0.4	57
82	Mandatory Processing of Irrelevant Fearful Face Features in Visual Search. Journal of Cognitive Neuroscience, 2010, 22, 2926-2938.	1.1	38
83	â€œVirus and Epidemicâ€: Causal Knowledge Activates Prediction Error Circuitry. Journal of Cognitive Neuroscience, 2010, 22, 2151-2163.	1.1	11
84	Inter- and intra-individual covariations of hemodynamic and oscillatory gamma responses in the human cortex. Frontiers in Human Neuroscience, 2009, 3, 8.	1.0	32
85	Sensory MEG Responses Predict Successful and Failed Inhibition in a Stop-Signal Task. Cerebral Cortex, 2009, 19, 134-145.	1.6	73
86	The Center-Surround Profile of the Focus of Attention Arises from Recurrent Processing in Visual Cortex. Cerebral Cortex, 2009, 19, 982-991.	1.6	66
87	Neural correlates of exemplar novelty processing under different spatial attention conditions. Human Brain Mapping, 2009, 30, 3759-3771.	1.9	33
88	Attention to somatosensory events is directly linked to the preparation for action. Journal of the Neurological Sciences, 2009, 279, 93-98.	0.3	15
89	On perceived synchronyâ€"neural dynamics of audiovisual illusions and suppressions. Brain Research, 2008, 1220, 132-141.	1.1	10
90	Different spatial organizations of saccade related BOLD-activation in parietal and striate cortex. Brain Research, 2008, 1233, 89-97.	1.1	17

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91	Vision: Attention Makes the Cup Flow Over. Current Biology, 2008, 18, R713-R715.	1.8	0
92	Rapid recurrent processing gates awareness in primary visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8742-8747.	3.3	133
93	Binding 3-D Object Perception in the Human Visual Cortex. Journal of Cognitive Neuroscience, 2008, 20, 553-562.	1.1	23
94	Audiovisual Temporal Correspondence Modulates Human Multisensory Superior Temporal Sulcus Plus Primary Sensory Cortices. Journal of Neuroscience, 2007, 27, 11431-11441.	1.7	279
95	Spatio-temporal Analysis of Feature-Based Attention. Cerebral Cortex, 2007, 17, 2468-2477.	1.6	130
96	Neural mechanisms of spatial- and feature-based attention: A quantitative analysis. Brain Research, 2007, 1181, 51-60.	1.1	21
97	Causal visual interactions as revealed by an information theoretic measure and fMRI. NeuroImage, 2006, 31, 1051-1060.	2.1	61
98	Ipsilateral premotor activity in ALS. Journal of Neurology, 2006, 253, 386-387.	1.8	0
99	Brain1H magnetic resonance spectroscopic differences in myotonic dystrophy type 2 and type 1. Muscle and Nerve, 2006, 34, 145-152.	1.0	32
100	Direct neurophysiological evidence for spatial suppression surrounding the focus of attention in vision. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1053-1058.	3.3	210
101	The Neural Site of Attention Matches the Spatial Scale of Perception. Journal of Neuroscience, 2006, 26, 3532-3540.	1.7	116
102	The temporal flexibility of attentional selection in the visual cortex. Current Opinion in Neurobiology, 2005, 15, 183-187.	2.0	24
103	Functional motor compensation in amyotrophic lateral sclerosis. Journal of Neurology, 2005, 252, 944-952.	1.8	122
104	Attention to Features Precedes Attention to Locations in Visual Search: Evidence from Electromagnetic Brain Responses in Humans. Journal of Neuroscience, 2004, 24, 1822-1832.	1.7	195
105	Functional magnetic resonance tomography correlates of taste perception in the human primary taste cortex. Neuroscience, 2004, 127, 347-353.	1.1	141
106	Differentiation of idiopathic Parkinson's disease, multiple system atrophy, progressive supranuclear palsy, and healthy controls using magnetization transfer imaging. NeuroImage, 2004, 21, 229-235.	2.1	143
107	Popout modulates focal attention in the primary visual cortex. NeuroImage, 2004, 22, 574-582.	2.1	20
108	Correlation of Hippocampal Glucose Oxidation Capacity and Interictal FDGâ€PET in Temporal Lobeâ€ƒEpilepsy. Epilepsia, 2003, 44, 193-199.	2.6	69

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109	Hippocampal N-acetyl aspartate levels do not mirror neuronal cell densities in creatine-supplemented epileptic rats. European Journal of Neuroscience, 2003, 18, 2292-2300.	1.2	26
110	Clinical criteria for the switch of treatment strategies in Parkinson's disease. Clinical Neurology and Neurosurgery, 2003, 105, 241-244.	0.6	2
111	Dynamics of feature binding during object-selective attention. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11806-11811.	3.3	127
112	Form-From-Motion: MEG Evidence for Time Course and Processing Sequence. Journal of Cognitive Neuroscience, 2003, 15, 157-172.	1.1	40
113	Delayed Striate Cortical Activation during Spatial Attention. Neuron, 2002, 35, 575-587.	3.8	247
114	Analysis of pathways mediating preserved vision after striate cortex lesions. Annals of Neurology, 2002, 52, 814-824.	2.8	71
115	Amantadine Influences Cognitive Processing in Patients with Multiple Sclerosis. Pharmacopsychiatry, 2000, 33, 28-37.	1.7	35
116	Neural correlates of recognition memory with and without recollection in patients with Alzheimer's disease and healthy controls. Neuroscience Letters, 1999, 263, 45-48.	1.0	49