

Russell A Epstein

List of Publications by Year in descending order

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67
papers

9,961
citations

87888

38
h-index

118850

62
g-index

71
all docs

71
docs citations

71
times ranked

5814
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Electrophysiological Markers of Navigational Affordances in Scenes. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 397-410.	2.3	9
2	Structuring Knowledge with Cognitive Maps and Cognitive Graphs. <i>Trends in Cognitive Sciences</i> , 2021, 25, 37-54.	7.8	114
3	Environmental deformations dynamically shift human spatial memory. <i>Hippocampus</i> , 2021, 31, 89-101.	1.9	17
4	Object representations in the human brain reflect the co-occurrence statistics of vision and language. <i>Nature Communications</i> , 2021, 12, 4081.	12.8	41
5	The parahippocampal place area and hippocampus encode the spatial significance of landmark objects. <i>NeuroImage</i> , 2021, 236, 118081.	4.2	17
6	The human brain uses spatial schemas to represent segmented environments. <i>Current Biology</i> , 2021, 31, 4677-4688.e8.	3.9	16
7	Scene Perception in the Human Brain. <i>Annual Review of Vision Science</i> , 2019, 5, 373-397.	4.4	173
8	Dissociable spatial memory systems revealed by typical and atypical human development. <i>Developmental Science</i> , 2019, 22, e12737.	2.4	11
9	What lies beyond: Representations of the connectivity structure of the local environment. <i>Journal of Vision</i> , 2019, 19, 161b.	0.3	0
10	Parahippocampal cortex represents the natural statistics of object context. <i>Journal of Vision</i> , 2019, 19, 115.	0.3	0
11	fMRI encoding model of virtual navigation. <i>Journal of Vision</i> , 2019, 19, 246a.	0.3	0
12	Human entorhinal cortex represents visual space using a boundary-anchored grid. <i>Nature Neuroscience</i> , 2018, 21, 191-194.	14.8	119
13	Adaptation decorrelates shape representations. <i>Nature Communications</i> , 2018, 9, 3812.	12.8	9
14	The Neurocognitive Basis of Spatial Reorientation. <i>Current Biology</i> , 2018, 28, R1059-R1073.	3.9	75
15	Computational mechanisms underlying cortical responses to the affordance properties of visual scenes. <i>PLoS Computational Biology</i> , 2018, 14, e1006111.	3.2	79
16	Environmental deformations dynamically shift the grid cell spatial metric. <i>ELife</i> , 2018, 7, .	6.0	44
17	Early electrophysiological markers of navigational affordances in scenes. <i>Journal of Vision</i> , 2018, 18, 733.	0.3	1
18	Common Neural Representations for Visually Guided Reorientation and Spatial Imagery. <i>Cerebral Cortex</i> , 2017, 27, bhv343.	2.9	43

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19	Environmental Geometry Aligns the Hippocampal Map during Spatial Reorientation. <i>Current Biology</i> , 2017, 27, 309-317.	3.9	66
20	Neural Representations of Observed Actions Generalize across Static and Dynamic Visual Input. <i>Journal of Neuroscience</i> , 2017, 37, 3056-3071.	3.6	48
21	Coding of navigational affordances in the human visual system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4793-4798.	7.1	149
22	The cognitive map in humans: spatial navigation and beyond. <i>Nature Neuroscience</i> , 2017, 20, 1504-1513.	14.8	545
23	Schematic representations of local environmental space guide goal-directed navigation. <i>Cognition</i> , 2017, 158, 68-80.	2.2	37
24	Expectation modulates repetition priming under high stimulus variability. <i>Journal of Vision</i> , 2017, 17, 10.	0.3	8
25	Verbalizing, visualizing, and navigating: The effect of strategies on encoding a large-scale virtual environment.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 611-621.	0.9	28
26	Evidence for a grid-like representation of visual space in humans. <i>Journal of Vision</i> , 2017, 17, 307.	0.3	0
27	Rectilinear Edge Selectivity Is Insufficient to Explain the Category Selectivity of the Parahippocampal Place Area. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 137.	2.0	33
28	Coding of Object Size and Object Category in Human Visual Cortex. <i>Cerebral Cortex</i> , 2016, 27, bhv150.	2.9	25
29	The Occipital Place Area Is Causally Involved in Representing Environmental Boundaries during Navigation. <i>Current Biology</i> , 2016, 26, 1104-1109.	3.9	129
30	Place recognition and heading retrieval are mediated by dissociable cognitive systems in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6503-6508.	7.1	36
31	Outside Looking In: Landmark Generalization in the Human Navigational System. <i>Journal of Neuroscience</i> , 2015, 35, 14896-14908.	3.6	111
32	Multiple Object Properties Drive Scene-Selective Regions. <i>Cerebral Cortex</i> , 2014, 24, 883-897.	2.9	110
33	Anchoring the neural compass: coding of local spatial reference frames in human medial parietal lobe. <i>Nature Neuroscience</i> , 2014, 17, 1598-1606.	14.8	229
34	Neural systems for landmark-based wayfinding in humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120533.	4.0	137
35	Variations in cognitive maps: Understanding individual differences in navigation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 669-682.	0.9	172
36	Neural Systems for Visual Scene Recognition. , 2014, , 105-134.		33

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37	Scene Areas in Humans and Macaques. <i>Neuron</i> , 2013, 79, 615-617.	8.1	21
38	Temporal Components in the Parahippocampal Place Area Revealed by Human Intracerebral Recordings. <i>Journal of Neuroscience</i> , 2013, 33, 10123-10131.	3.6	44
39	Abstract Representations of Location and Facing Direction in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 6133-6142.	3.6	125
40	Hippocampal size predicts rapid learning of a cognitive map in humans. <i>Hippocampus</i> , 2013, 23, 515-528.	1.9	176
41	Neural responses to visual scenes reveals inconsistencies between fMRI adaptation and multivoxel pattern analysis. <i>Neuropsychologia</i> , 2012, 50, 530-543.	1.6	60
42	Constructing scenes from objects in human occipitotemporal cortex. <i>Nature Neuroscience</i> , 2011, 14, 1323-1329.	14.8	151
43	Cognitive Neuroscience: Scene Layout from Vision and Touch. <i>Current Biology</i> , 2011, 21, R437-R438.	3.9	17
44	Distances between Real-World Locations Are Represented in the Human Hippocampus. <i>Journal of Neuroscience</i> , 2011, 31, 1238-1245.	3.6	181
45	Eye-centered encoding of visual space in scene-selective regions. <i>Journal of Vision</i> , 2010, 10, 6-6.	0.3	14
46	Neural correlates of real-world route learning. <i>NeuroImage</i> , 2010, 53, 725-735.	4.2	92
47	How Reliable Are Visual Context Effects in the Parahippocampal Place Area?. <i>Cerebral Cortex</i> , 2010, 20, 294-303.	2.9	88
48	Decoding the Representation of Multiple Simultaneous Objects in Human Occipitotemporal Cortex. <i>Current Biology</i> , 2009, 19, 943-947.	3.9	120
49	The engagement of mid-ventrolateral prefrontal cortex and posterior brain regions in intentional cognitive activity. <i>Human Brain Mapping</i> , 2008, 29, 107-119.	3.6	19
50	Parahippocampal and retrosplenial contributions to human spatial navigation. <i>Trends in Cognitive Sciences</i> , 2008, 12, 388-396.	7.8	844
51	Two Kinds of fMRI Repetition Suppression? Evidence for Dissociable Neural Mechanisms. <i>Journal of Neurophysiology</i> , 2008, 99, 2877-2886.	1.8	77
52	Position Selectivity in Scene- and Object-Responsive Occipitotemporal Regions. <i>Journal of Neurophysiology</i> , 2007, 98, 2089-2098.	1.8	71
53	Where Am I Now? Distinct Roles for Parahippocampal and Retrosplenial Cortices in Place Recognition. <i>Journal of Neuroscience</i> , 2007, 27, 6141-6149.	3.6	303
54	Differential Parahippocampal and Retrosplenial Involvement in Three Types of Visual Scene Recognition. <i>Cerebral Cortex</i> , 2007, 17, 1680-1693.	2.9	140

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55	Visual Scene Processing in Familiar and Unfamiliar Environments. <i>Journal of Neurophysiology</i> , 2007, 97, 3670-3683.	1.8	132
56	Cortical correlates of face and scene inversion: A comparison. <i>Neuropsychologia</i> , 2006, 44, 1145-1158.	1.6	104
57	Perceptual deficits in amnesia: challenging the medial temporal lobe "mnemonic" view. <i>Neuropsychologia</i> , 2005, 43, 1-11.	1.6	289
58	Learning Places from Views: Variation in Scene Processing as a Function of Experience and Navigational Ability. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 73-83.	2.3	145
59	The cortical basis of visual scene processing. <i>Visual Cognition</i> , 2005, 12, 954-978.	1.6	101
60	Consciousness, art, and the brain: Lessons from Marcel Proust. <i>Consciousness and Cognition</i> , 2004, 13, 213-240.	1.5	42
61	Viewpoint-Specific Scene Representations in Human Parahippocampal Cortex. <i>Neuron</i> , 2003, 37, 865-876.	8.1	321
62	Neuropsychological evidence for a topographical learning mechanism in parahippocampal cortex. <i>Cognitive Neuropsychology</i> , 2001, 18, 481-508.	1.1	131
63	The Neural-Cognitive Basis of the Jamesian Stream of Thought. <i>Consciousness and Cognition</i> , 2000, 9, 550-575.	1.5	72
64	Substantive Thoughts about Substantive Thoughts: A Reply to Galin. <i>Consciousness and Cognition</i> , 2000, 9, 584-590.	1.5	6
65	The Parahippocampal Place Area. <i>Neuron</i> , 1999, 23, 115-125.	8.1	719
66	A cortical representation of the local visual environment. <i>Nature</i> , 1998, 392, 598-601.	27.8	2,682
67	Making a scene in the brain. , 0, , 255-279.		7