

# Edward K Vogel

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

5,521  
citations

361413

20  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural activity predicts individual differences in visual working memory capacity. <i>Nature</i> , 2004, 428, 748-751.	27.8	1,497
2	Neural measures reveal individual differences in controlling access to working memory. <i>Nature</i> , 2005, 438, 500-503.	27.8	1,072
3	Neurocognitive Architecture of Working Memory. <i>Neuron</i> , 2015, 88, 33-46.	8.1	494
4	Working memory and fluid intelligence: Capacity, attention control, and secondary memory retrieval. <i>Cognitive Psychology</i> , 2014, 71, 1-26.	2.2	403
5	The time course of consolidation in visual working memory.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006, 32, 1436-1451.	0.9	353
6	Discrete capacity limits in visual working memory. <i>Current Opinion in Neurobiology</i> , 2010, 20, 177-182.	4.2	226
7	The contralateral delay activity as a neural measure of visual working memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 62, 100-108.	6.1	221
8	The topography of alpha-band activity tracks the content of spatial working memory. <i>Journal of Neurophysiology</i> , 2016, 115, 168-177.	1.8	185
9	Alpha-Band Oscillations Enable Spatially and Temporally Resolved Tracking of Covert Spatial Attention. <i>Psychological Science</i> , 2017, 28, 929-941.	3.3	180
10	$\hat{\mu}$ Power Modulation and Event-Related Slow Wave Provide Dissociable Correlates of Visual Working Memory. <i>Journal of Neuroscience</i> , 2015, 35, 14009-14016.	3.6	122
11	Clear evidence for item limits in visual working memory. <i>Cognitive Psychology</i> , 2017, 97, 79-97.	2.2	118
12	Pushing around the Locus of Selection: Evidence for the Flexible-selection Hypothesis. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1907-1922.	2.3	94
13	Neural Evidence for the Contribution of Active Suppression During Working Memory Filtering. <i>Cerebral Cortex</i> , 2019, 29, 529-543.	2.9	82
14	Real-time triggering reveals concurrent lapses of attention and working memory. <i>Nature Human Behaviour</i> , 2019, 3, 808-816.	12.0	61
15	Visual working memory continues to develop through adolescence. <i>Frontiers in Psychology</i> , 2015, 6, 696.	2.1	45
16	Confident failures: Lapses of working memory reveal a metacognitive blind spot. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1506-1523.	1.3	42
17	Alpha-band oscillations track the retrieval of precise spatial representations from long-term memory. <i>Journal of Neurophysiology</i> , 2019, 122, 539-551.	1.8	36
18	Distinguishing cognitive effort and working memory load using scale-invariance and alpha suppression in EEG. <i>NeuroImage</i> , 2020, 211, 116622.	4.2	36

#	ARTICLE	IF	CITATIONS
19	Visual working memory. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2013, 4, 179-190.	2.8	31
20	Visual short-term memory capacity predicts the "bandwidth" of visual long-term memory encoding. <i>Memory and Cognition</i> , 2019, 47, 1481-1497.	1.6	30
21	Item-specific delay activity demonstrates concurrent storage of multiple active neural representations in working memory. <i>PLoS Biology</i> , 2019, 17, e3000239.	5.6	26
22	A Soft Handoff of Attention between Cerebral Hemispheres. <i>Current Biology</i> , 2014, 24, 1133-1137.	3.9	22
23	Improvements to visual working memory performance with practice and feedback. <i>PLoS ONE</i> , 2018, 13, e0203279.	2.5	20
24	Δ <sup>9</sup> -Tetrahydrocannabinol (THC) impairs visual working memory performance: a randomized crossover trial. <i>Neuropsychopharmacology</i> , 2020, 45, 1807-1816.	5.4	19
25	Controlling the Flow of Distracting Information in Working Memory. <i>Cerebral Cortex</i> , 2021, 31, 3323-3337.	2.9	18
26	No Evidence for an Object Working Memory Capacity Benefit with Extended Viewing Time. <i>ENeuro</i> , 2020, 7, ENEURO.0150-20.2020.	1.9	16
27	Multivariate analysis reveals a generalizable human electrophysiological signature of working memory load. <i>Psychophysiology</i> , 2020, 57, e13691.	2.4	14
28	Unconscious Number Discrimination in the Human Visual System. <i>Cerebral Cortex</i> , 2020, 30, 5821-5829.	2.9	11
29	Estimating the statistical power to detect set-size effects in contralateral delay activity. <i>Psychophysiology</i> , 2021, 58, e13791.	2.4	11
30	Attention fluctuations impact ongoing maintenance of information in working memory. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 1269-1278.	2.8	9
31	Phase-coding memories in mind. <i>PLoS Biology</i> , 2018, 16, e3000012.	5.6	8
32	Inter-electrode correlations measured with EEG predict individual differences in cognitive ability. <i>Current Biology</i> , 2021, 31, 4998-5008.e6.	3.9	7
33	In mind and out of phase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21017-21018.	7.1	5
34	Tuning in by tuning out distractions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3422-3423.	7.1	5
35	Preexisting spatial biases influence the encoding of information into visual working memory. <i>Journal of Vision</i> , 2018, 18, 882.	0.3	2
36	Alpha-Band Activity Tracks Updates to the Content of Spatial Working Memory. <i>Journal of Vision</i> , 2017, 17, 337.	0.3	0

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37	No evidence for an object working memory capacity benefit with extended viewing time. <i>Journal of Vision</i> , 2017, 17, 112.	0.3	0
38	Topography of alpha-band power tracks improvement in working memory precision with repeated encoding. <i>Journal of Vision</i> , 2017, 17, 333.	0.3	0
39	Decoding the limits of simultaneous storage in working memory. <i>Journal of Vision</i> , 2018, 18, 366.	0.3	0
40	Real-time triggering reveals sustained attention and working memory lapse together. <i>Journal of Vision</i> , 2019, 19, 133c.	0.3	0
41	Spatial biases in visual working memory encoding persist despite controlled gaze position. <i>Journal of Vision</i> , 2019, 19, 40b.	0.3	0
42	The influence of task-relevant vs. task-irrelevant interruption on dissociable sub-component processes of the focus of attention. <i>Journal of Vision</i> , 2019, 19, 90c.	0.3	0
43	Classification of load in visual working memory using single-trial EEG data. <i>Journal of Vision</i> , 2019, 19, 247a.	0.3	0