D Samuel Schwarzkopf

List of Publications by Year
in descending order

64	2,529	201674	233421
papers	citations	27 h-index	45 g-index

74	74	74	2701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The surface area of human V1 predicts the subjective experience of object size. Nature Neuroscience, 2011, 14, 28-30.	14.8	263
2	Stochastic Resonance Effects Reveal the Neural Mechanisms of Transcranial Magnetic Stimulation. Journal of Neuroscience, 2011, 31, 3143-3147.	3.6	156
3	Unexpected arousal modulates the influence of sensory noise on confidence. ELife, 2016, 5, .	6.0	138
4	Relating inter-individual differences in metacognitive performance on different perceptual tasks. Consciousness and Cognition, 2011, 20, 1787-1792.	1.5	128
5	Larger Extrastriate Population Receptive Fields in Autism Spectrum Disorders. Journal of Neuroscience, 2014, 34, 2713-2724.	3.6	115
6	Neural Population Tuning Links Visual Cortical Anatomy to Human Visual Perception. Neuron, 2015, 85, 641-656.	8.1	94
7	Better Ways to Improve Standards in Brain-Behavior Correlation Analysis. Frontiers in Human Neuroscience, 2012, 6, 200.	2.0	82
8	Cortical idiosyncrasies predict the perception of object size. Nature Communications, 2016, 7, 12110.	12.8	77
9	Subjective Size Perception Depends on Central Visual Cortical Magnification in Human V1. PLoS ONE, 2013, 8, e60550.	2.5	75
10	Contextual Illusions Reveal the Limit of Unconscious Visual Processing. Psychological Science, 2011, 22, 399-405.	3.3	74
11	Individual differences in visual salience vary along semantic dimensions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11687-11692.	7.1	67
12	Metacognitive ability correlates with hippocampal and prefrontal microstructure. NeuroImage, 2017, 149, 415-423.	4.2	66
13	The Frequency of Visually Induced Gamma-Band Oscillations Depends on the Size of Early Human Visual Cortex. Journal of Neuroscience, 2012, 32, 1507-1512.	3.6	64
14	Visual working memory performance in aphantasia. Cortex, 2018, 105, 61-73.	2.4	61
15	Variability in visual cortex size reflects tradeoff between local orientation sensitivity and global orientation modulation. Nature Communications, 2013, 4, 2201.	12.8	60
16	Comparing different stimulus configurations for population receptive field mapping in human fMRI. Frontiers in Human Neuroscience, 2015, 9, 96.	2.0	58
17	Perception and Processing of Faces in the Human Brain Is Tuned to Typical Feature Locations. Journal of Neuroscience, 2016, 36, 9289-9302.	3.6	58
18	Intersession reliability of population receptive field estimates. NeuroImage, 2016, 143, 293-303.	4.2	58

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19	Bayesian population receptive field modelling. NeuroImage, 2018, 180, 173-187.	4.2	56
20	Visual Population Receptive Fields in People with Schizophrenia Have Reduced Inhibitory Surrounds. Journal of Neuroscience, 2017, 37, 1546-1556.	3.6	49
21	Interocular induction of illusory size perception. BMC Neuroscience, 2011, 12, 27.	1.9	47
22	Exploring the parahippocampal cortex response to high and low spatial frequency spaces. NeuroReport, 2012, 23, 503-507.	1.2	38
23	Brief daily binocular vision prevents monocular deprivation effects in visual cortex. European Journal of Neuroscience, 2007, 25, 270-280.	2.6	37
24	Reciprocal Anatomical Relationship between Primary Sensory and Prefrontal Cortices in the Human Brain. Journal of Neuroscience, 2011, 31, 9472-9480.	3.6	34
25	Direct evidence for encoding of motion streaks in human visual cortex. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122339.	2.6	32
26	Knowing with Which Eye We See: Utrocular Discrimination and Eye-Specific Signals in Human Visual Cortex. PLoS ONE, 2010, 5, e13775.	2.5	30
27	Perceptual similarity and the neural correlates of geometrical illusions in human brain structure. Scientific Reports, 2017, 7, 39968.	3.3	26
28	The Catsâ€andâ€Dogs test: A tool to identify visuoperceptual deficits in Parkinson's disease. Movement Disorders, 2017, 32, 1789-1790.	3.9	26
29	Assessing cognitive dysfunction in Parkinson's disease: An online tool to detect visuoâ€perceptual deficits. Movement Disorders, 2018, 33, 544-553.	3.9	25
30	Interpreting local visual features as a global shape requires awareness. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2207-2215.	2.6	21
31	Experience Shapes the Utility of Natural Statistics for Perceptual Contour Integration. Current Biology, 2008, 18, 1162-1167.	3.9	20
32	Flexible Learning of Natural Statistics in the Human Brain. Journal of Neurophysiology, 2009, 102, 1854-1867.	1.8	20
33	Daily mixed visual experience that prevents amblyopia in cats does not always allow the development ofgood binocular depth perception. Journal of Vision, 2009, 9, 22-22.	0.3	19
34	Induction of Kanizsa Contours Requires Awareness of the Inducing Context. PLoS ONE, 2016, 11, e0161177.	2.5	19
35	Protection against deprivation amblyopia depends on relative not absolute daily binocular exposure. Journal of Vision, 2011, 11, 13-13.	0.3	18
36	Inferior Occipital Gyrus Is Organized along Common Gradients of Spatial and Face-Part Selectivity. Journal of Neuroscience, 2021, 41, 5511-5521.	3.6	16

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37	Mapping sequences can bias population receptive field estimates. NeuroImage, 2020, 211, 116636.	4.2	14
38	Monocular deprivation reduces reliability of visual cortical responses to binocular disparity stimuli. European Journal of Neuroscience, 2007, 26, 3553-3563.	2.6	13
39	We should have seen this coming. Frontiers in Human Neuroscience, 2014, 8, 332.	2.0	13
40	Featureâ€"location effects in the Thatcher illusion. Journal of Vision, 2018, 18, 16.	0.3	13
41	Pattern classification using functional magnetic resonance imaging. Wiley Interdisciplinary Reviews: Cognitive Science, 2011, 2, 568-579.	2.8	12
42	Topographic signatures of global object perception in human visual cortex. NeuroImage, 2020, 220, 116926.	4.2	12
43	Investigating representations of facial identity in human ventral visual cortex with transcranial magnetic stimulation. Frontiers in Human Neuroscience, 2010, 4, 50.	2.0	11
44	Where Is Size in the Brain of the Beholder?. Multisensory Research, 2015, 28, 285-296.	1.1	11
45	Comparison of human population receptive field estimates between scanners and the effect of temporal filtering. F1000Research, 2019, 8, 1681.	1.6	10
46	Heritable functional architecture in human visual cortex. NeuroImage, 2021, 239, 118286.	4.2	9
47	Investigating object representations during change detection in human extrastriate cortex. European Journal of Neuroscience, 2010, 32, 1780-1787.	2.6	8
48	Decoding of coherent but not incoherent motion signals in early dorsal visual cortex. NeuroImage, 2011, 56, 688-698.	4.2	7
49	A new method for mapping perceptual biases across visual space. Journal of Vision, 2017, 17, 5.	0.3	7
50	The human primary visual cortex (V1) encodes the perceived position of static but not moving objects. Communications Biology, 2022, 5, 181.	4.4	7
51	Brain Activity to Rely On?. Science, 2010, 327, 43-44.	12.6	6
52	Population receptive field estimates for motion-defined stimuli. NeuroImage, 2019, 199, 245-260.	4.2	6
53	Spatial Heterogeneity in Bistable Figure-Ground Perception. I-Perception, 2020, 11, 204166952096112.	1.4	6
54	Gamma Frequency and the Spatial Tuning of Primary Visual Cortex. PLoS ONE, 2016, 11, e0157374.	2.5	6

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55	Highly accurate retinotopic maps of the physiological blind spot in human visual cortex. Human Brain Mapping, 2022, 43, 5111-5125.	3.6	6
56	Size Perception Biases Are Temporally Stable and Vary Consistently Between Visual Field Meridians. I-Perception, 2019, 10, 204166951987872.	1.4	5
57	Altered visual population receptive fields in human albinism. Cortex, 2020, 128, 107-123.	2.4	4
58	The optimal experimental design for multiple alternatives perceptual search. Attention, Perception, and Psychophysics, 2018, 80, 1962-1973.	1.3	2
59	Dissociable Processes for Orientation Discrimination Learning and Contextual Illusion Magnitude. PLoS ONE, 2014, 9, e103121.	2.5	1
60	The red thread in the maze. Cortex, 2019, 113, 350-351.	2.4	1
61	Attention and multisensory modulation argue against total encapsulation. Behavioral and Brain Sciences, 2016, 39, e237.	0.7	1
62	The topographic representation of global object perception in human visual cortex. Journal of Vision, 2017, 17, 747.	0.3	1
63	Heritability of visual perception and cortical architecture. Journal of Vision, 2017, 17, 792.	0.3	0
64	The Ebbinghaus Illusion depends on Cortical Distance. Journal of Vision, 2020, 20, 225.	0.3	0