

# Kristine Krug

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,674  
citations

279487

23  
h-index

315357

38  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptually Bistable Three-Dimensional Figures Evoke High Choice Probabilities in Cortical Area MT. <i>Journal of Neuroscience</i> , 2001, 21, 4809-4821.	1.7	274
2	Offline impact of transcranial focused ultrasound on cortical activation in primates. <i>ELife</i> , 2019, 8, .	2.8	196
3	Comparing Perceptual Signals of Single V5/MT Neurons in Two Binocular Depth Tasks. <i>Journal of Neurophysiology</i> , 2004, 92, 1586-1596.	0.9	96
4	Short parietal lobe connections of the human and monkey brain. <i>Cortex</i> , 2017, 97, 339-357.	1.1	74
5	Cross-species cortical alignment identifies different types of anatomical reorganization in the primate temporal lobe. <i>ELife</i> , 2020, 9, .	2.8	71
6	Responses of Neurons in Neonatal Cortex and Thalamus to Patterned Visual Stimulation Through the Naturally Closed Lids. <i>Journal of Neurophysiology</i> , 2001, 85, 1436-1443.	0.9	70
7	Neuronal activity and its links with the perception of multi-â€stable figures. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 1053-1062.	1.8	63
8	Neurons in Dorsal Visual Area V5/MT Signal Relative Disparity. <i>Journal of Neuroscience</i> , 2011, 31, 17892-17904.	1.7	53
9	Social Influence and Perceptual Decision Making. <i>Personality and Social Psychology Bulletin</i> , 2014, 40, 217-231.	1.9	53
10	A common neuronal code for perceptual processes in visual cortex? Comparing choice and attentional correlates in V5/MT. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 929-941.	1.8	52
11	On the cortical connectivity in the macaque brain: A comparison of diffusion tractography and histological tracing data. <i>NeuroImage</i> , 2020, 221, 117201.	2.1	52
12	Calretinin interneuron density in the caudate nucleus is lower in autism spectrum disorder. <i>Brain</i> , 2017, 140, 2028-2040.	3.7	40
13	A Causal Role for V5/MT Neurons Coding Motion-Disparity Conjunctions in Resolving Perceptual Ambiguity. <i>Current Biology</i> , 2013, 23, 1454-1459.	1.8	39
14	Spatial-frequency tuning and geniculocortical projections in the visual cortex (areas 17 and 18) of the pigmented ferret. <i>European Journal of Neuroscience</i> , 1998, 10, 2657-2668.	1.2	38
15	Reward modulates the effect of visual cortical microstimulation on perceptual decisions. <i>ELife</i> , 2015, 4, e07832.	2.8	38
16	Differences in Frontal Network Anatomy Across Primate Species. <i>Journal of Neuroscience</i> , 2020, 40, 2094-2107.	1.7	37
17	The Development of Topography in the Hamster Geniculo-Cortical Projection. <i>Journal of Neuroscience</i> , 1998, 18, 5766-5776.	1.7	35
18	Individual Differences in the Alignment of Structural and Functional Markers of the V5/MT Complex in Primates. <i>Cerebral Cortex</i> , 2016, 26, 3928-3944.	1.6	35

#	ARTICLE	IF	CITATIONS
19	Neuronal mechanisms for the perception of ambiguous stimuli. <i>Current Opinion in Neurobiology</i> , 2003, 13, 433-439.	2.0	32
20	Neural architectures for stereo vision. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150261.	1.8	32
21	Playing the electric light orchestra—how electrical stimulation of visual cortex elucidates the neural basis of perception. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140206.	1.8	31
22	Validation of structural brain connectivity networks: The impact of scanning parameters. <i>NeuroImage</i> , 2020, 204, 116207.	2.1	31
23	Long-Range Clustered Connections within Extrastriate Visual Area V5/MT of the Rhesus Macaque. <i>Cerebral Cortex</i> , 2012, 22, 60-73.	1.6	29
24	Perceptual switch rates with ambiguous structure-from-motion figures in bipolar disorder. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1839-1848.	1.2	24
25	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. <i>PLoS Biology</i> , 2020, 18, e3000605.	2.6	24
26	Preserved extrastriate visual network in a monkey with substantial, naturally occurring damage to primary visual cortex. <i>eLife</i> , 2019, 8, .	2.8	19
27	Developmental trajectory of social influence integration into perceptual decisions in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2713-2722.	3.3	18
28	Conceptual representations in goal-directed decision making. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2008, 8, 418-428.	1.0	16
29	Cells, circuits, and choices: Social influences on perceptual decision making. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2008, 8, 498-508.	1.0	14
30	Delineating extrastriate visual area MT(V5) using cortical myeloarchitecture. <i>NeuroImage</i> , 2014, 93, 231-236.	2.1	14
31	Interneuronal correlations at longer time scales predict decision signals for bistable structure-from-motion perception. <i>Scientific Reports</i> , 2019, 9, 11449.	1.6	12
32	Understanding the brain by controlling neural activity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140201.	1.8	10
33	Localization of MEG human brain responses to retinotopic visual stimuli with contrasting source reconstruction approaches. <i>Frontiers in Neuroscience</i> , 2014, 8, 127.	1.4	10
34	Defining the V5/MT neuronal pool for perceptual decisions in a visual stereo-motion task. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150260.	1.8	8
35	Organization of the Social Brain in Macaques and Humans. , 2017, , 189-198.		7
36	Coding Perceptual Decisions: From Single Units to Emergent Signaling Properties in Cortical Circuits. <i>Annual Review of Vision Science</i> , 2020, 6, 387-409.	2.3	6

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37	The neural events that change perception. E-Neuroforum, 2017, 24, A31-A39.	0.2	2
38	High choice probabilities are associated with high interneuronal correlations in MT(V5) of the awake behaving macaque. Journal of Vision, 2010, 1, 399-399.	0.1	2
39	Principles of function in the visual system. , 2012, , 41-56.		1
40	No blind alleys for blindsight: multiple active pathways into extrastriate cortex. Journal of Physiology, 2013, 591, 5-6.	1.3	1
41	Intra-Areal Visual Topography in Primate Brains Mapped with Probabilistic Tractography of Diffusion-Weighted Imaging. Cerebral Cortex, 2022, 32, 2555-2574.	1.6	1
42	Similar temporal specificity of perceptual choice signals across a large pool of V5/MT neurons. Journal of Vision, 2010, 3, 405-405.	0.1	1
43	Changes in variance of neuronal signals may be perceptually relevant for stereo vision. , 2016, , .		1
44	Die neuronalen Signale, die Wahrnehmung verändern. E-Neuroforum, 2018, 24, 39-48.	0.2	0
45	The effects of reward and social context on visual processing for perceptual decision-making. Current Opinion in Physiology, 2020, 16, 109-117.	0.9	0