Michael C Schmid

List of Publications by Year
in descending order

40 papers	2,029 citations	394421 19 h-index	315739 38 g-index
47 all docs	47 docs citations	47 times ranked	2664 citing authors

#	Article	IF	Citations
1	Blindsight depends on the lateral geniculate nucleus. Nature, 2010, 466, 373-377.	27.8	324
2	Facial-Expression and Gaze-Selective Responses in the Monkey Amygdala. Current Biology, 2007, 17, 766-772.	3.9	238
3	Lack of long-term cortical reorganization after macaque retinal lesions. Nature, 2005, 435, 300-307.	27.8	205
4	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	8.1	190
5	Nonhuman Primate Optogenetics: Recent Advances and Future Directions. Journal of Neuroscience, 2017, 37, 10894-10903.	3.6	111
6	Accelerating the Evolution of Nonhuman Primate Neuroimaging. Neuron, 2020, 105, 600-603.	8.1	92
7	Cell-Targeted Optogenetics and Electrical Microstimulation Reveal the Primate Koniocellular Projection to Supra-granular Visual Cortex. Neuron, 2016, 90, 143-151.	8.1	82
8	An Open Resource for Non-human Primate Optogenetics. Neuron, 2020, 108, 1075-1090.e6.	8.1	79
9	Visually Driven Activation in Macaque Areas V2 and V3 without Input from the Primary Visual Cortex. PLoS ONE, 2009, 4, e5527.	2.5	75
10	Spatial Specificity of BOLD versus Cerebral Blood Volume fMRI for Mapping Cortical Organization. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1248-1261.	4.3	70
11	Theta Rhythmic Neuronal Activity and Reaction Times Arising from Cortical Receptive Field Interactions during Distributed Attention. Current Biology, 2018, 28, 2377-2387.e5.	3.9	70
12	Receptive field focus of visual area V4 neurons determines responses to illusory surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17095-17100.	7.1	60
13	Combining brain perturbation and neuroimaging in non-human primates. NeuroImage, 2021, 235, 118017.	4.2	50
14	Beta Oscillation Dynamics in Extrastriate Cortex after Removal of Primary Visual Cortex. Journal of Neuroscience, 2014, 34, 11857-11864.	3.6	42
15	Binocular response modulation in the lateral geniculate nucleus. Journal of Comparative Neurology, 2019, 527, 522-534.	1.6	32
16	Motion-Sensitive Responses in Visual Area V4 in the Absence of Primary Visual Cortex. Journal of Neuroscience, 2013, 33, 18740-18745.	3.6	30
17	Thalamic Coordination of Cortical Communication. Neuron, 2012, 75, 551-552.	8.1	27
18	Improved methods for MRI-compatible implants in nonhuman primates. Journal of Neuroscience Methods, 2018, 308, 377-389.	2.5	24

#	Article	IF	Citations
19	Rhythmic sampling revisited: Experimental paradigms and neural mechanisms. European Journal of Neuroscience, 2022, 55, 3010-3024.	2.6	24
20	Simultaneous EEG and fMRI in the macaque monkey at 4.7 Tesla. Magnetic Resonance Imaging, 2006, 24, 335-342.	1.8	22
21	To see or not to see â€“ Thalamo-cortical networks during blindsight and perceptual suppression. Progress in Neurobiology, 2015, 126, 36-48.	5.7	22
22	The Influence of Endogenous and Exogenous Spatial Attention on Decision Confidence. Scientific Reports, 2017, 7, 6431.	3.3	16
23	Advantage of detecting visual events in the right hemifield is affected by reading skill. Vision Research, 2020, 169, 41-48.	1.4	16
24	Theta, but Not Gamma Oscillations in Area V4 Depend on Input from Primary Visual Cortex. Current Biology, 2021, 31, 635-642.e3.	3.9	16
25	Binocular Suppression in the Macaque Lateral Geniculate Nucleus Reveals Early Competitive Interactions between the Eyes. ENeuro, 2021, 8, ENEURO.0364-20.2020.	1.9	15
26	Rewiring the adult brain (Reply). Nature, 2005, 438, E3-E4.	27.8	14
27	Stimulus-specific plasticity of macaque V1 spike rates and gamma. Cell Reports, 2021, 37, 110086.	6.4	14
28	Correlated activity of cortical neurons survives extensive removal of feedforward sensory input. Scientific Reports, 2016, 6, 34886.	3.3	11
29	V1-bypassing thalamo-cortical visual circuits in blindsight and developmental dyslexia. Current Opinion in Physiology, 2020, 16, 14-20.	1.8	10
30	Rhythmic fluctuations of saccadic reaction time arising from visual competition. Scientific Reports, 2018, 8, 15889.	3.3	9
31	Protective cranial implant caps for macaques. Journal of Neuroscience Methods, 2021, 348, 108992.	2.5	6
32	Dynamic reconfiguration of macaque brain networks during natural vision. NeuroImage, 2021, 244, 118615.	4.2	5
33	Linear distributed source modeling of local field potentials recorded with intra-cortical electrode arrays. PLoS ONE, 2017, 12, e0187490.	2.5	4
34	Reward-Related Suppression of Neural Activity in Macaque Visual Area V4. Cerebral Cortex, 2020, 30, 4871-4881.	2.9	4
35	Reading Specific Small Saccades Predict Individual Phonemic Awareness and Reading Speed. Frontiers in Neuroscience, 2021, 15, 663242.	2.8	2
36	Filling-in versus filling-out: patterns of cortical short-term plasticity. Trends in Cognitive Sciences, 2014, 18, 342-344.	7.8	1

#	Article	IF	Citations
37	Stimulus-Specific Plasticity of Macaque V1 Spike Rates and Gamma. SSRN Electronic Journal, 0, , .	0.4	1
38	Macaque Area V2/V3 Reorganization Following Homonymous Retinal Lesions. Frontiers in Neuroscience, 2022, 16, 757091.	2.8	1
39	Blindsight. , 2021, , 666-668.		0
40	Blindsight. , 2017, , 1-3.		0