Ke Zhou

List of Publications by Year
in descending order

35 papers	1,314 citations	516710 16 h-index	434195 31 g-index
41 all docs	41 docs citations	41 times ranked	1972 citing authors

#	Article	IF	Citations
1	Diffusion tensor imaging of normal white matter maturation from late childhood to young adulthood: Voxel-wise evaluation of mean diffusivity, fractional anisotropy, radial and axial diffusivities, and correlation with reading development. NeuroImage, 2008, 41, 223-232.	4.2	224
2	Behavioral Oscillations in Attention: Rhythmic Î± Pulses Mediated through Î¸ Band. Journal of Neuroscience, 2014, 34, 4837-4844.	3.6	165
3	Human visual cortex responds to invisible chromatic flicker. Nature Neuroscience, 2007, 10, 657-662.	14.8	118
4	Altered Resting Brain Function and Structure in Professional Badminton Players. Brain Connectivity, 2012, 2, 225-233.	1.7	93
5	Learning new color names produces rapid increase in gray matter in the intact adult human cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6686-6688.	7.1	83
6	Topology-defined units in numerosity perception. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5647-55.	7.1	72
7	The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. Frontiers in Neuroanatomy, 2016, 10, 32.	1.7	67
8	Topological change disturbs object continuity in attentive tracking. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21920-21924.	7.1	65
9	Newly trained lexical categories produce lateralized categorical perception of color. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9974-9978.	7.1	65
10	Cue Validity and Object-Based Attention. Journal of Cognitive Neuroscience, 2004, 16, 1085-1097.	2.3	63
11	Neural Response Phase Tracks How Listeners Learn New Acoustic Representations. Current Biology, 2013, 23, 968-974.	3.9	58
12	Perceptual integration rapidly activates dorsal visual pathway to guide local processing in early visual areas. PLoS Biology, 2017, 15, e2003646.	5.6	32
13	Lateralization of the arcuate fasciculus and its differential correlation with reading ability between young learners and experienced readers: A diffusion tensor tractography study in a chinese cohort. Human Brain Mapping, 2011, 32, 2054-2063.	3.6	29
14	Microstructural plasticity in the bilingual brain. Brain and Language, 2019, 196, 104654.	1.6	25
15	Bilingual Contexts Modulate the Inhibitory Control Network. Frontiers in Psychology, 2018, 9, 395.	2.1	22
16	The role of the left posterior parietal lobule in topâ€down modulation on spaceâ€based attention: A transcranial magnetic stimulation study. Human Brain Mapping, 2012, 33, 2477-2486.	3.6	17
17	Stimulus-driven attentional capture by equiluminant color change. Psychonomic Bulletin and Review, 2005, 12, 567-572.	2.8	15
18	With or without a Hole: Young Infants' Sensitivity for Topological versus Geometric Property. Perception, 2012, 41, 305-318.	1.2	15

#	Article	IF	Citations
19	Functional and structural neuroplasticity associated with second language proficiency: An MRI study of Chinese-English bilinguals. Journal of Neurolinguistics, 2020, 56, 100940.	1.1	13
20	Individualized Functional Parcellation of the Human Amygdala Using a Semi-supervised Clustering Method: A 7T Resting State fMRI Study. Frontiers in Neuroscience, 2018, 12, 270.	2.8	10
21	Rapid Processing of a Global Feature in the ON Visual Pathways of Behaving Monkeys. Frontiers in Neuroscience, 2017, 11, 474.	2.8	9
22	Brain Structure and Functional Connectivity Associated with Individual Differences in the Attentional Blink. Cerebral Cortex, 2020, 30, 6224-6237.	2.9	9
23	Emerged human-like facial expression representation in a deep convolutional neural network. Science Advances, 2022, 8, eabj4383.	10.3	8
24	Advantage of Hole Stimulus in Rivalry Competition. PLoS ONE, 2012, 7, e33053.	2.5	6
25	Neural Mechanism Underlying the Sleep Deprivation-Induced Abnormal Bistable Perception. Cerebral Cortex, 2022, 32, 583-592.	2.9	6
26	A connectome-based neuromarker of nonverbal number acuity and arithmetic skills. Cerebral Cortex, 2023, 33, 881-894.	2.9	5
27	Categorical similarity modulates temporal integration in the attentional blink. Journal of Vision, 2020, 20, 9.	0.3	3
28	Emotional Modulation of the Attentional Blink Is Awareness-Dependent. PLoS ONE, 2012, 7, e46394.	2.5	3
29	Numerosity representation in a deep convolutional neural network. Journal of Pacific Rim Psychology, 2021, 15, 183449092110126.	1.7	2
30	When Connectedness Increases Hemispatial Neglect. PLoS ONE, 2011, 6, e24760.	2.5	2
31	The brain network underlying attentional blink predicts symptoms of attention deficit hyperactivity disorder in children. Cerebral Cortex, 2023, 33, 2761-2773.	2.9	2
32	Editorial: Cognitive NeuroIntelligence. Frontiers in Computational Neuroscience, 2021, 15, 718518.	2.1	1
33	The Role of Topological Invariants in Motion-induced Blindness. Acta Agronomica Sinica(China), 2013, 40, 471.	0.3	0
34	Topological change captures attention as potent as abrupt onset. Journal of Vision, 2017, 17, 945.	0.3	0
35	Neural mechanisms underlying individual differences in attentional blink. Journal of Vision, 2019, 19, 108.	0.3	0