

# Ke Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | A connectome-based neuromarker of nonverbal number acuity and arithmetic skills. <i>Cerebral Cortex</i> , 2023, 33, 881-894.  | 2.9  | 5         |
| 2  | The brain network underlying attentional blink predicts symptoms of attention deficit hyperactivity disorder in children. <i>Cerebral Cortex</i> , 2023, 33, 2761-2773.                   | 2.9  | 2         |
| 3  | Neural Mechanism Underlying the Sleep Deprivation-Induced Abnormal Bistable Perception. <i>Cerebral Cortex</i> , 2022, 32, 583-592.   | 2.9  | 6         |
| 4  | Emerged human-like facial expression representation in a deep convolutional neural network. <i>Science Advances</i> , 2022, 8, eabj4383.  | 10.3 | 8         |
| 5  | Numerosity representation in a deep convolutional neural network. <i>Journal of Pacific Rim Psychology</i> , 2021, 15, 183449092110126.   | 1.7  | 2         |
| 6  | Editorial: Cognitive NeuroIntelligence. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 718518.  | 2.1  | 1         |
| 7  | Functional and structural neuroplasticity associated with second language proficiency: An MRI study of Chinese-English bilinguals. <i>Journal of Neurolinguistics</i> , 2020, 56, 100940. | 1.1  | 13        |
| 8  | Brain Structure and Functional Connectivity Associated with Individual Differences in the Attentional Blink. <i>Cerebral Cortex</i> , 2020, 30, 6224-6237.                                | 2.9  | 9         |
| 9  | Categorical similarity modulates temporal integration in the attentional blink. <i>Journal of Vision</i> , 2020, 20, 9.   | 0.3  | 3         |
| 10 | Microstructural plasticity in the bilingual brain. <i>Brain and Language</i> , 2019, 196, 104654.   | 1.6  | 25        |
| 11 | Neural mechanisms underlying individual differences in attentional blink. <i>Journal of Vision</i> , 2019, 19, 108.   | 0.3  | 0         |
| 12 | Bilingual Contexts Modulate the Inhibitory Control Network. <i>Frontiers in Psychology</i> , 2018, 9, 395.  | 2.1  | 22        |
| 13 | Individualized Functional Parcellation of the Human Amygdala Using a Semi-supervised Clustering Method: A 7T Resting State fMRI Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 270.  | 2.8  | 10        |
| 14 | Rapid Processing of a Global Feature in the ON Visual Pathways of Behaving Monkeys. <i>Frontiers in Neuroscience</i> , 2017, 11, 474.   | 2.8  | 9         |
| 15 | Perceptual integration rapidly activates dorsal visual pathway to guide local processing in early visual areas. <i>PLoS Biology</i> , 2017, 15, e2003646.                                 | 5.6  | 32        |
| 16 | Topological change captures attention as potent as abrupt onset. <i>Journal of Vision</i> , 2017, 17, 945.  | 0.3  | 0         |
| 17 | The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 32.                       | 1.7  | 67        |
| 18 | Topology-defined units in numerosity perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5647-55.                            | 7.1  | 72        |

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|----|---|------|-----------|
| 19 | Behavioral Oscillations in Attention: Rhythmic $\hat{\mu}$ Pulses Mediated through $\hat{\nu}$ Band. <i>Journal of Neuroscience</i> , 2014, 34, 4837-4844.  | 3.6  | 165       |
| 20 | Neural Response Phase Tracks How Listeners Learn New Acoustic Representations. <i>Current Biology</i> , 2013, 23, 968-974.  | 3.9  | 58        |
| 21 | The Role of Topological Invariants in Motion-induced Blindness. <i>Acta Agronomica Sinica(China)</i> , 2013, 40, 471.   | 0.3  | 0         |
| 22 | Altered Resting Brain Function and Structure in Professional Badminton Players. <i>Brain Connectivity</i> , 2012, 2, 225-233.   | 1.7  | 93        |
| 23 | With or without a Hole: Young Infants' Sensitivity for Topological versus Geometric Property. <i>Perception</i> , 2012, 41, 305-318.  | 1.2  | 15        |
| 24 | Advantage of Hole Stimulus in Rivalry Competition. <i>PLoS ONE</i> , 2012, 7, e33053.   | 2.5  | 6         |
| 25 | The role of the left posterior parietal lobule in top-down modulation on space-based attention: A transcranial magnetic stimulation study. <i>Human Brain Mapping</i> , 2012, 33, 2477-2486.  | 3.6  | 17        |
| 26 | Emotional Modulation of the Attentional Blink Is Awareness-Dependent. <i>PLoS ONE</i> , 2012, 7, e46394.  | 2.5  | 3         |
| 27 | 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. <i>Human Brain Mapping</i> , 2011, 32, 2054-2063.                           | 3.6  | 29        |
| 28 | Learning new color names produces rapid increase in gray matter in the intact adult human cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6686-6688.  | 7.1  | 83        |
| 29 | When Connectedness Increases Hemispatial Neglect. <i>PLoS ONE</i> , 2011, 6, e24760.  | 2.5  | 2         |
| 30 | Topological change disturbs object continuity in attentive tracking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21920-21924.   | 7.1  | 65        |
| 31 | Newly trained lexical categories produce lateralized categorical perception of color. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9974-9978.  | 7.1  | 65        |
| 32 | 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. <i>NeuroImage</i> , 2008, 41, 223-232. | 4.2  | 224       |
| 33 | Human visual cortex responds to invisible chromatic flicker. <i>Nature Neuroscience</i> , 2007, 10, 657-662.  | 14.8 | 118       |
| 34 | Stimulus-driven attentional capture by equiluminant color change. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 567-572.   | 2.8  | 15        |
| 35 | Cue Validity and Object-Based Attention. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1085-1097.  | 2.3  | 63        |