# Bolton K H Chau

List of Publications by Year
in descending order



| 24 | 1,029 | 687220 13 | 794469 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 1313 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. Nature Neuroscience, 2019, 22, 797-808. | 7.1 | 143 |
| 2 | Contrasting Roles for Orbitofrontal Cortex and Amygdala in Credit Assignment and Learning in Macaques. Neuron, 2015, 87, 1106-1118. | 3.8 | 138 |
| 3 | Contrasting Effects of Medial and Lateral Orbitofrontal Cortex Lesions on Credit Assignment and Decision-Making in Humans. Journal of Neuroscience, 2017, 37, 7023-7035. | 1.7 | 123 |
| 4 | A neural mechanism underlying failure of optimal choice with multiple alternatives. Nature Neuroscience, 2014, 17, 463-470. | 7.1 | 116 |
| 5 | Predictive decision making driven by multiple time-linked reward representations in the anterior cingulate cortex. Nature Communications, 2016, 7, 12327. | 5.8 | 111 |
| 6 | Phosphorylation of Sox9 is required for neural crest delamination and is regulated downstream of BMP and canonical Wnt signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2882-2887. | 3.3 | 76 |
| 7 | Dopamine and reward: a view from the prefrontal cortex. Behavioural Pharmacology, 2018, 29, 569-583. | 0.8 | 49 |
| 8 | Global reward state affects learning and activity in raphe nucleus and anterior insula in monkeys. Nature Communications, 2020, 11, 3771. | 5.8 | 49 |
| 9 | Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a less-is-more task. Nature Communications, 2017, 8, 1886. | 5.8 | 44 |
| 10 | Motor skill experience modulates executive control for task switching. Acta Psychologica, 2017, 180, 88-97. | 0.7 | 37 |
| 11 | Prioritising the relevant information for learning and decision making within orbital and ventromedial prefrontal cortex. Current Opinion in Behavioral Sciences, 2015, 1, 78-85. | 2.0 | 26 |
| 12 | Consistent patterns of distractor effects during decision making. ELife, 2020, 9, . | 2.8 | 23 |
| 13 | Aging Effect on Audiovisual Integrative Processing in Spatial Discrimination Task. Frontiers in Aging Neuroscience, 2017, 9, 374. | 1.7 | 22 |
| 14 | PM2.5 Exposure Suppresses Dendritic Maturation in Subgranular Zone in Aged Rats. Neurotoxicity Research, 2017, 32, 50-57. | 1.3 | 19 |
| 15 | Fronto-cerebellar connectivity mediating cognitive processing speed. NeuroImage, 2021, 226, 117556. | 2.1 | 19 |
| 16 | Common and distinct neural trends of allocentric and egocentric spatial coding: An ALE metaâ€analysis. European Journal of Neuroscience, 2021, 53, 3672-3687. | 1.2 | 11 |
| 17 | Neural Processes of Proactive and Reactive Controls Modulated by Motor-Skill Experiences. Frontiers in Human Neuroscience, 2019, 13, 404. | 1.0 | 10 |
| 18 | Meditation-induced neuroplastic changes of the prefrontal network are associated with reduced valence perception in older people. Brain and Neuroscience Advances, 2018, 2, 239821281877182. | 1.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Distinct Causal Influences of Dorsolateral Prefrontal Cortex and Posterior Parietal Cortex in Multiple-Option Decision Making. Cerebral Cortex, 2022, 32, 1390-1404. | 1.6 | 4 |
| 20 | Salience of Somatosensory Stimulus Modulating External-to-Internal Orienting Attention. Frontiers in Human Neuroscience, 2017, 11, 428. | 1.0 | 2 |
| 21 | Potential application of cross-modal stimulation for neurorehabilitation: The relatedness of performance on tasks measuring cognitive processes subserved by similar prefrontal substrates. Journal of Rehabilitation Medicine, 2012, 44, 727-732. | 0.8 | 0 |
| 22 | Factors that affect the one-year mortality rate after lower limb amputation in the Hong Kong Chinese population. Journal of Orthopaedics, Trauma and Rehabilitation, 2021, 28, 221049172110569. | 0.1 | 0 |
| 23 | Functional and Structural Architectures of Allocentric and Egocentric Spatial Coding in Aging: A Combined DTI and fMRI Study. Frontiers in Neurology, 2021, 12, 802975. | 1.1 | 0 |
| 24 | Prospective Memory Training in Older Adults: A Systematic Review and Meta-Analysis. Neuropsychology Review, 2022, , 1. | 2.5 | 0 |