

Ventral visual pathway

How the brain perceives objects and classifies perceived objects is one of the important goals of visual cognitive neuroscience. Previous research has shown that when we see objects, the brain's ventral visual pathway recognizes and classifies them, leading to different ways of interacting with them. In this paper, we summarize the latest research progress of the ventral visual pathway related to the visual classification of objects. From the perspective of the neural representation of objects and its underlying mechanisms in the visual cortex, we summarize the current research status of the two important organizational dimensions of object animacy and real-world size, provide new insights, and point out the direction of further research ¹⁾.

¹⁾

Cheng ZJ, Liu N, Fan YD, Zuo P, Yuan HP, Xu Z. [Representations of object animacy and real-world size in the ventral visual pathway]. Sheng Li Xue Bao. 2022 Apr 25;74(2):294-300. Chinese. PMID: 35503077.

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