Journal of Vision Special Issue



Crowding: Recent advances and perspectives

The context of a target stimulus can dramatically change how it is perceived. In crowding, identification of a target that is easily identified in isolation deteriorates when presented among contextual elements. Crowding is ubiquitous when viewing complex, cluttered scenes and has been described as one of the fundamental limits of visual perception, constraining tasks such as reading, visual search, and object recognition. A plethora of recent research significantly advanced our understanding of crowding. However, several - often mutually exclusive – accounts have been proposed to explain crowding, and its underlying mechanisms are still largely unknown. For this special issue, we invite submissions of articles from all areas of crowding research, ranging from basic empirical work to translational findings and targeted reviews. The goal of the special issue is to provide a broad and profound overview of the current state of our understanding of crowding.

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Submissions to the special issue will be open through December 31, 2020. Accepted papers will be published as ready in the current monthly issue as well as presented as a special issue together as a collection on the JOV website.

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