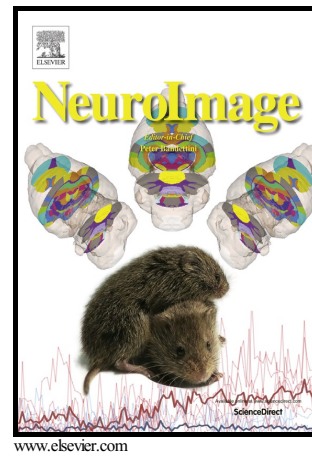


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Common and distinct brain regions processing multisensory bodily signals for peripersonal space and body ownership

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Abstract

We take the feeling that our body belongs to us for granted. However, recent research has shown that it is possible to alter the subjective sensation of body ownership (BO) by manipulating multisensory bodily inputs. Several frontal and parietal regions are known to specifically process multisensory cues presented close to the body, i.e., within the peripersonal space (PPS). It has been proposed that these PPS fronto-parietal regions also underlie BO. However,

¹ **these authors equally contributed to the paper**

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