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Nodes of Ranvier in glaucoma

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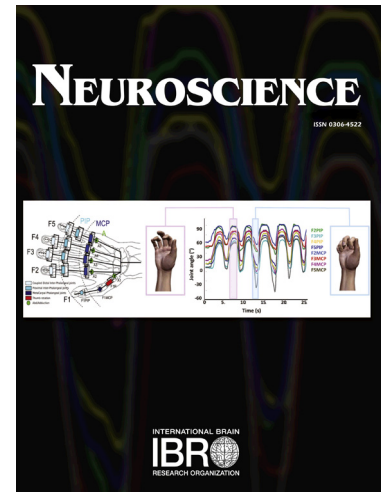
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Abbreviations: Caspr, contactin associated protein 1; D2G, DBA/2J *wt-Gpnm^b+*; EM, electron microscopy; IOP, intraocular pressure; MOM, microbead occlusion model; Na_v, sodium channel; NF, neurofilament; NFD, neurofilament density; NNND, neurofilament nearest neighbor distance; RGC, retinal ganglion cell; NOR, node of Ranvier; OPC, oligodendrocyte precursor cell; PFA, paraformaldehyde; PP2A, Protein phosphatase-2a; S1PR, sphingosine-1-phosphate receptors; SC, superior colliculus

Key Words: Axonopathy; neurodegeneration; node of Ranvier; axons; neurofilament; superior colliculus

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