

# Timothy J Edwards

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Clinical, genetic and imaging findings identify new causes for corpus callosum development syndromes. <i>Brain</i> , 2014, 137, 1579-1613.	7.6	278
2	Mutations in DCC cause isolated agenesis of the corpus callosum with incomplete penetrance. <i>Nature Genetics</i> , 2017, 49, 511-514.	21.4	69
3	Altered structural connectome in adolescent socially isolated mice. <i>NeuroImage</i> , 2016, 139, 259-270.	4.2	43
4	<i>DCC</i> mutation update: Congenital mirror movements, isolated agenesis of the corpus callosum, and developmental split brain syndrome. <i>Human Mutation</i> , 2018, 39, 23-39.	2.5	41
5	NFIB Haploinsufficiency Is Associated with Intellectual Disability and Macrocephaly. <i>American Journal of Human Genetics</i> , 2018, 103, 752-768.	6.2	40
6	EMX1 regulates NRP1-mediated wiring of the mouse anterior cingulate cortex. <i>Development (Cambridge)</i> , 2015, 142, 3746-3757.	2.5	22
7	Altered structural connectivity networks in a mouse model of complete and partial dysgenesis of the corpus callosum. <i>NeuroImage</i> , 2020, 217, 116868.	4.2	17
8	Callosal agenesis and congenital mirror movements: outcomes associated with <i>DCC</i> mutations. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 758-762.	2.1	11
9	Astroglial-mediated remodeling of the interhemispheric midline during telencephalic development is exclusive to eutherian mammals. <i>Neural Development</i> , 2017, 12, 9.	2.4	10
10	DRAXIN regulates interhemispheric fissure remodelling to influence the extent of corpus callosum formation. <i>ELife</i> , 2021, 10, .	6.0	10
11	Cortical Architecture, Midline Guidance, and Tractography of 3D White Matter Tracts. , 2016, , 289-313.		6
12	DCC regulates astroglial development essential for telencephalic morphogenesis and corpus callosum formation. <i>ELife</i> , 2021, 10, .	6.0	5
13	Reply: <i>ARID1B</i> mutations are the major genetic cause of corpus callosum anomalies in patients with intellectual disability. <i>Brain</i> , 2016, 139, e65-e65.	7.6	3
14	Teaching NeuroImages: Imaging features of DCC-mediated mirror movements and isolated agenesis of the corpus callosum. <i>Neurology</i> , 2018, 91, e886-e887.	1.1	2