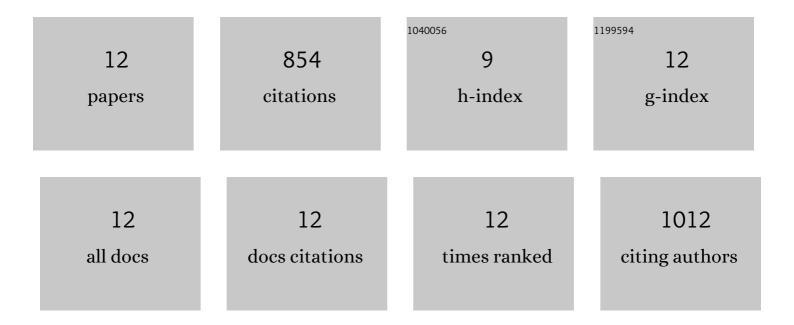
## **Russell T Matthews**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6881883/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Human brain sialoglycan ligand for CD33, a microglial inhibitory Siglec implicated in Alzheimer's disease. Journal of Biological Chemistry, 2022, 298, 101960.	3.4	13
2	The protein tyrosine phosphatase RPTPζ/phosphacan is critical for perineuronal net structure. Journal of Biological Chemistry, 2020, 295, 955-968.	3.4	11
3	The Role of BEHAB/Brevican in the Tumor Microenvironment: Mediating Glioma Cell Invasion and Motility. Advances in Experimental Medicine and Biology, 2020, 1272, 117-132.	1.6	7
4	The protein tyrosine phosphatase RPTPζ/phosphacan is critical for perineuronal net structure. Journal of Biological Chemistry, 2020, 295, 955-968.	3.4	14
5	Reelin Counteracts Chondroitin Sulfate Proteoglycan-Mediated Cortical Dendrite Growth Inhibition. ENeuro, 2020, 7, ENEURO.0168-20.2020.	1.9	6
6	Antibody recognizing 4-sulfated chondroitin sulfate proteoglycans restores memory in tauopathy-induced neurodegeneration. Neurobiology of Aging, 2017, 59, 197-209.	3.1	49
7	The extracellular matrix molecule brevican is an integral component of the machinery mediating fast synaptic transmission at the calyx of Held. Journal of Physiology, 2015, 593, 4341-4360.	2.9	60
8	Neurons and Glia Modify Receptor Protein-tyrosine Phosphatase ζ (RPTPζ)/Phosphacan with Cell-specific O-Mannosyl Glycans in the Developing Brain. Journal of Biological Chemistry, 2015, 290, 10256-10273.	3.4	32
9	Sensory Deprivation Alters Aggrecan and Perineuronal Net Expression in the Mouse Barrel Cortex. Journal of Neuroscience, 2007, 27, 5405-5413.	3.6	228
10	From barriers to bridges: chondroitin sulfate proteoglycans in neuropathology. Trends in Molecular Medicine, 2006, 12, 488-496.	6.7	94
11	A Novel Membrane-associated Glycovariant of BEHAB/Brevican Is Up-regulated during Rat Brain Development and in a Rat Model of Invasive Glioma. Journal of Biological Chemistry, 2003, 278, 33239-33247.	3.4	45
12	Aggrecan Glycoforms Contribute to the Molecular Heterogeneity of Perineuronal Nets. Journal of Neuroscience, 2002, 22, 7536-7547.	3.6	295