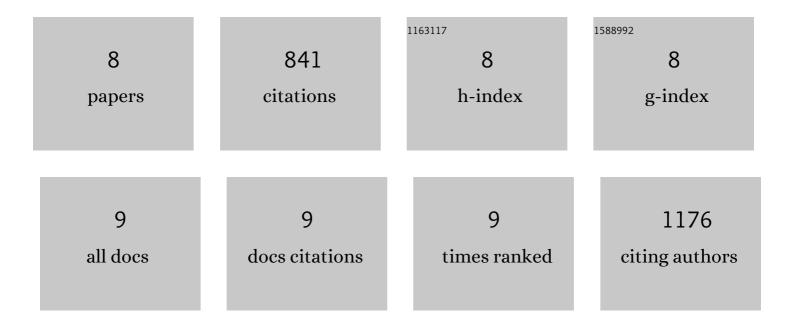
## Rijk De Rooij

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10887680/publications.pdf Version: 2024-02-01



RUK DE ROOU

#	Article	IF	CITATIONS
1	Mechanical properties of gray and white matter brain tissue by indentation. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 46, 318-330.	3.1	499
2	Constitutive Modeling of Brain Tissue: Current Perspectives. Applied Mechanics Reviews, 2016, 68, .	10.1	97
3	The Shrinking Brain: Cerebral Atrophy Following Traumatic Brain Injury. Annals of Biomedical Engineering, 2019, 47, 1941-1959.	2.5	79
4	The mechanical importance of myelination in the central nervous system. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 76, 119-124.	3.1	57
5	Microtubule Polymerization and Cross-Link Dynamics Explain Axonal Stiffness and Damage. Biophysical Journal, 2018, 114, 201-212.	0.5	37
6	A physical multifield model predicts the development of volume and structure in the human brain. Journal of the Mechanics and Physics of Solids, 2018, 112, 563-576.	4.8	26
7	Modeling the Axon as an Active Partner with the Growth Cone in Axonal Elongation. Biophysical Journal, 2018, 115, 1783-1795.	0.5	23
8	Physical Biology of Axonal Damage. Frontiers in Cellular Neuroscience, 2018, 12, 144.	3.7	23