

Rijk De Rooij

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10887680/publications.pdf>

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8
papers

841
citations

1163117

8
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

1176
citing authors

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