

Vegard Vinje

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

399
citations

1307543
7
h-index

1588975
8
g-index

15
all docs

15
docs citations

15
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast uncertainty quantification of tracer distribution in the brain interstitial fluid with multilevel and quasi Monte Carlo. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021, 37, e3412.	2.1	8
2	Sleep deprivation impairs molecular clearance from the human brain. <i>Brain</i> , 2021, 144, 863-874.	7.6	146
3	Brain solute transport is more rapid in periarterial than perivenous spaces. <i>Scientific Reports</i> , 2021, 11, 16085.	3.3	16
4	Intracranial pressure elevation alters CSF clearance pathways. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 29.	5.0	53
5	The mechanisms behind perivascular fluid flow. <i>PLoS ONE</i> , 2020, 15, e0244442.	2.5	43
6	Respiratory influence on cerebrospinal fluid flow – a computational study based on long-term intracranial pressure measurements. <i>Scientific Reports</i> , 2019, 9, 9732.	3.3	69
7	Uncertainty quantification of parenchymal tracer distribution using random diffusion and convective velocity fields. <i>Fluids and Barriers of the CNS</i> , 2019, 16, 32.	5.0	33
8	Fluid dynamics in syringomyelia cavities: Effects of heart rate, CSF velocity, CSF velocity waveform and craniovertebral decompression. <i>Neuroradiology Journal</i> , 2018, 31, 482-489.	1.2	21