

Sana Hannan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

166
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging slow brain activity during neocortical and hippocampal epileptiform events with electrical impedance tomography. <i>Physiological Measurement</i> , 2021, 42, 014001.	2.1	11
2	In vivo imaging of deep neural activity from the cortical surface during hippocampal epileptiform events in the rat brain using electrical impedance tomography. <i>NeuroImage</i> , 2020, 209, 116525.	4.2	20
3	Optimised induction of on-demand focal hippocampal and neocortical seizures by electrical stimulation. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108911.	2.5	6
4	SPARC: Method for Overcoming Temporal Dispersion in Unmyelinated Nerves for Imaging C Fibres with Electrical Impedance Tomography (EIT). <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
5	Investigating the safety of fast neural electrical impedance tomography in the rat brain. <i>Physiological Measurement</i> , 2019, 40, 034003.	2.1	10
6	Characterising the frequency response of impedance changes during evoked physiological activity in the rat brain. <i>Physiological Measurement</i> , 2018, 39, 034007.	2.1	16
7	Imaging fast electrical activity in the brain during ictal epileptiform discharges with electrical impedance tomography. <i>NeuroImage: Clinical</i> , 2018, 20, 674-684.	2.7	22
8	Feasibility of imaging evoked activity throughout the rat brain using electrical impedance tomography. <i>NeuroImage</i> , 2018, 178, 1-10.	4.2	26
9	Frequency-dependent characterisation of impedance changes during epileptiform activity in a rat model of epilepsy. <i>Physiological Measurement</i> , 2018, 39, 085003.	2.1	13
10	Imaging fast neural traffic at fascicular level with electrical impedance tomography: proof of principle in rat sciatic nerve. <i>Journal of Neural Engineering</i> , 2018, 15, 056025.	3.5	40