

Nigel P Pedersen, Mbbs

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,303
citations

516215

16
h-index

433756

31
g-index

38
all docs

38
docs citations

38
times ranked

4227
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep State Switching. <i>Neuron</i> , 2010, 68, 1023-1042.	3.8	1,141
2	The sleep-wake cycle regulates brain interstitial fluid tau in mice and CSF tau in humans. <i>Science</i> , 2019, 363, 880-884.	6.0	460
3	Reassessment of the structural basis of the ascending arousal system. <i>Journal of Comparative Neurology</i> , 2011, 519, 933-956.	0.9	427
4	Basal forebrain control of wakefulness and cortical rhythms. <i>Nature Communications</i> , 2015, 6, 8744.	5.8	223
5	Glutamatergic Signaling from the Parabrachial Nucleus Plays a Critical Role in Hypercapnic Arousal. <i>Journal of Neuroscience</i> , 2013, 33, 7627-7640.	1.7	195
6	Locus Ceruleus and Anterior Cingulate Cortex Sustain Wakefulness in a Novel Environment. <i>Journal of Neuroscience</i> , 2010, 30, 14543-14551.	1.7	141
7	Supramammillary glutamate neurons are a key node of the arousal system. <i>Nature Communications</i> , 2017, 8, 1405.	5.8	131
8	Stereotactic laser amygdalohippocampotomy for mesial temporal lobe epilepsy. <i>Annals of Neurology</i> , 2018, 83, 575-587.	2.8	129
9	Trends in the Ambulatory Management of Headache: Analysis of NAMCS and NHAMCS Data 1999–2010. <i>Journal of General Internal Medicine</i> , 2015, 30, 548-555.	1.3	69
10	Noradrenergic Transmission at Alpha1-Adrenergic Receptors in the Ventral Periaqueductal Gray Modulates Arousal. <i>Biological Psychiatry</i> , 2019, 85, 237-247.	0.7	49
11	Cingulum stimulation enhances positive affect and anxiolysis to facilitate awake craniotomy. <i>Journal of Clinical Investigation</i> , 2019, 129, 1152-1166.	3.9	40
12	Tail artery blood flow measured by chronically implanted Doppler ultrasonic probes in unrestrained conscious rats. <i>Journal of Neuroscience Methods</i> , 2001, 104, 209-213.	1.3	38
13	Brainstem Circuitry Regulating Phasic Activation of Trigeminal Motoneurons during REM Sleep. <i>PLoS ONE</i> , 2010, 5, e8788.	1.1	36
14	Opioid receptor modulation of GABAergic and serotonergic spinally projecting neurons of the rostral ventromedial medulla in mice. <i>Journal of Neurophysiology</i> , 2011, 106, 731-740.	0.9	33
15	Knowledge of language function and underlying neural networks gained from focal seizures and epilepsy surgery. <i>Brain and Language</i> , 2019, 189, 20-33.	0.8	32
16	Do enteric neurons make hypocretin?. <i>Regulatory Peptides</i> , 2008, 147, 1-3.	1.9	24
17	Supervised and unsupervised machine learning for automated scoring of sleep–wake and cataplexy in a mouse model of narcolepsy. <i>Sleep</i> , 2020, 43, .	0.6	16
18	Mechanisms and Risk Factors Contributing to Visual Field Deficits following Stereotactic Laser Amygdalohippocampotomy. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 255-265.	0.8	14

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19	Noninvasive three-state sleep-wake staging in mice using electric field sensors. <i>Journal of Neuroscience Methods</i> , 2020, 344, 108834.	1.3	14
20	Superior Verbal Memory Outcome After Stereotactic Laser Amygdalohippocampotomy. <i>Frontiers in Neurology</i> , 2021, 12, 779495.	1.1	14
21	Cognitive and Emotional Mapping With SEEG. <i>Frontiers in Neurology</i> , 2021, 12, 627981.	1.1	13
22	The precuneal cortex: anatomy and seizure semiology. <i>Epileptic Disorders</i> , 2021, 23, 218-227.	0.7	11
23	Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. <i>Neurology</i> , 2022, 98, .	1.5	9
24	Finding the Sweet Spot: Fine-Tuning DBS Parameters to Cure Seizures While Avoiding Psychiatric Complications. <i>Epilepsy Currents</i> , 2019, 19, 174-176.	0.4	7
25	Radiological identification of temporal lobe epilepsy using artificial intelligence: a feasibility study. <i>Brain Communications</i> , 2022, 4, fcab284.	1.5	7
26	Reconfigurable 3D-Printed headplates for reproducible and rapid implantation of EEG, EMG and depth electrodes in mice. <i>Journal of Neuroscience Methods</i> , 2020, 333, 108566.	1.3	6
27	Subjective distinguishability of seizure and non-seizure DÅ©jÅ Vu: A case report, brief literature review, and research prospects. <i>Epilepsy and Behavior</i> , 2021, 125, 108373.	0.9	6
28	Ordinal regression increases statistical power to predict epilepsy surgical outcomes. <i>Epilepsia Open</i> , 2022, 7, 344-349.	1.3	5
29	Low statistical power in a study predicting seizure outcome. <i>Epilepsia</i> , 2021, 62, 2565-2566.	2.6	3
30	Loss of efferent projections of the hippocampal formation in the mouse intrahippocampal kainic acid model. <i>Epilepsy Research</i> , 2022, 180, 106863.	0.8	3
31	Scoring sleep using respiration and movement-based features. <i>MethodsX</i> , 2022, 9, 101682.	0.7	1
32	Trends in the Management of Headache. <i>Journal of General Internal Medicine</i> , 2015, 30, 711-711.	1.3	0
33	Neuromodulation Using Optogenetics and Related Technologies. , 2018, , 487-500.		0
34	Electrical Wada for pre-surgical memory testing: a case report. <i>Epileptic Disorders</i> , 2022, 24, 411-416.	0.7	0