

Aeyal Raz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

744
citations

933447

10
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalamus Modulates Consciousness via Layer-Specific Control of Cortex. <i>Neuron</i> , 2020, 106, 66-75.e12.	8.1	215
2	Return to training in the COVID-19 era: The physiological effects of face masks during exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 70-75.	2.9	172
3	Preferential effect of isoflurane on top-down vs. bottom-up pathways in sensory cortex. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 191.	2.5	85
4	Propofol Decreases Neuronal Population Spiking Activity in the Subthalamic Nucleus of Parkinsonian Patients. <i>Anesthesia and Analgesia</i> , 2010, 111, 1285-1289.	2.2	82
5	Consciousness depends on integration between parietal cortex, striatum, and thalamus. <i>Cell Systems</i> , 2021, 12, 363-373.e11.	6.2	49
6	Spiking in auditory cortex following thalamic stimulation is dominated by cortical network activity. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 170.	2.5	29
7	Ketamine induced converged synchronous gamma oscillations in the cortico-basal ganglia network of nonhuman primates. <i>Journal of Neurophysiology</i> , 2017, 118, 917-931.	1.8	24
8	Sedative drugs modulate the neuronal activity in the subthalamic nucleus of parkinsonian patients. <i>Scientific Reports</i> , 2020, 10, 14536.	3.3	14
9	Spinal cord ischemia following thoracotomy without epidural anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 551-555.	1.6	12
10	Association between ionised calcium and severity of postpartum haemorrhage: a retrospective cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, 1022-1028.	3.4	12
11	Simultaneous ventilation of two simulated ARDS patients in COVID-19 pandemic. <i>Critical Care</i> , 2020, 24, 214.	5.8	9
12	Safety of Perioperative Treatment With Intravenous Amantadine in Patients With Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2013, 36, 166-169.	0.7	7
13	Hypocalcemia is associated with adverse clinical course in patients with upper gastrointestinal bleeding. <i>Internal and Emergency Medicine</i> , 2021, 16, 1813-1822.	2.0	7
14	Association Between Ionized Calcium Level and Neurological Outcome in Endovascularly Treated Patients with Spontaneous Subarachnoid Hemorrhage: A Retrospective Cohort Study. <i>Neurocritical Care</i> , 2021, 35, 723-737.	2.4	7
15	Thalamic deep brain stimulation paradigm to reduce consciousness: Cortico-striatal dynamics implicated in mechanisms of consciousness. <i>PLoS Computational Biology</i> , 2022, 18, e1010294.	3.2	7
16	Prevalence of significant traumatic brain injury among patients intubated in the field due to impaired level of consciousness. <i>American Journal of Emergency Medicine</i> , 2022, 52, 159-165.	1.6	5
17	One-minute heart rate variability - an adjunct for airway obstruction identification. <i>Physiological Reports</i> , 2019, 7, e13948.	1.7	3
18	Optogenetic Activation of Afferent Pathways in Brain Slices and Modulation of Responses by Volatile Anesthetics. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1

#	ARTICLE	IF	CITATIONS
19	Spatiotemporal patterns of population response in the visual cortex under isoflurane: from wakefulness to loss of consciousness. <i>Cerebral Cortex</i> , 2022, 32, 5512-5529.	2.9	1
20	Indications for prehospital intubation among severely injured children and the prevalence of significant traumatic brain injury among those intubated due to impaired level of consciousness. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, , 1.	1.7	1
21	Cesarean Delivery Under General Anesthesia Causing Autistic Spectrum Disorders: Not Very Likely. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 1451-1453.	2.7	0