

Soroush G Sadeghi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,004
citations

687363

13
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Variability, Detection Thresholds, and Information Transmission in the Vestibular System. <i>Journal of Neuroscience</i> , 2007, 27, 771-781.	3.6	217
2	Response of Vestibular-Nerve Afferents to Active and Passive Rotations Under Normal Conditions and After Unilateral Labyrinthectomy. <i>Journal of Neurophysiology</i> , 2007, 97, 1503-1514.	1.8	146
3	Neural Correlates of Sensory Substitution in Vestibular Pathways following Complete Vestibular Loss. <i>Journal of Neuroscience</i> , 2012, 32, 14685-14695.	3.6	78
4	Neural substrates underlying vestibular compensation: Contribution of peripheral versus central processing. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2010, 19, 171-182.	2.0	75
5	Neural Correlates of Motor Learning in the Vestibulo-Ocular Reflex: Dynamic Regulation of Multimodal Integration in the Macaque Vestibular System. <i>Journal of Neuroscience</i> , 2010, 30, 10158-10168.	3.6	75
6	Glutamatergic Signaling at the Vestibular Hair Cell Calyx Synapse. <i>Journal of Neuroscience</i> , 2014, 34, 14536-14550.	3.6	75
7	Multimodal Integration After Unilateral Labyrinthine Lesion: Single Vestibular Nuclei Neuron Responses and Implications for Postural Compensation. <i>Journal of Neurophysiology</i> , 2011, 105, 661-673.	1.8	72
8	Dynamics of the horizontal vestibuloocular reflex after unilateral labyrinthectomy: response to high frequency, high acceleration, and high velocity rotations. <i>Experimental Brain Research</i> , 2006, 175, 471-484.	1.5	62
9	Efferent-Mediated Responses in Vestibular Nerve Afferents of the Alert Macaque. <i>Journal of Neurophysiology</i> , 2009, 101, 988-1001.	1.8	51
10	Different neural strategies for multimodal integration: comparison of two macaque monkey species. <i>Experimental Brain Research</i> , 2009, 195, 45-57.	1.5	37
11	Effects of Canal Plugging on the Vestibuloocular Reflex and Vestibular Nerve Discharge During Passive and Active Head Rotations. <i>Journal of Neurophysiology</i> , 2009, 102, 2693-2703.	1.8	35
12	Efferent Inputs Are Required for Normal Function of Vestibular Nerve Afferents. <i>Journal of Neuroscience</i> , 2019, 39, 6922-6935.	3.6	23
13	Rebalancing the Vestibular System by Unidirectional Rotations in Patients With Chronic Vestibular Dysfunction. <i>Frontiers in Neurology</i> , 2019, 9, 1196.	2.4	17
14	Efferent synaptic transmission at the vestibular type II hair cell synapse. <i>Journal of Neurophysiology</i> , 2020, 124, 360-374.	1.8	15
15	Cholinergic Modulation of Membrane Properties of Calyx Terminals in the Vestibular Periphery. <i>Neuroscience</i> , 2021, 452, 98-110.	2.3	12
16	Activation of GABA _B receptors results in excitatory modulation of calyx terminals in rat semicircular canal cristae. <i>Journal of Neurophysiology</i> , 2020, 124, 962-972.	1.8	6
17	A novel intracochlear injection method for rapid drug delivery to vestibular end organs. <i>Journal of Neuroscience Methods</i> , 2020, 341, 108689.	2.5	3
18	Editorial: Commonalities and Differences in Vestibular and Auditory Pathways. <i>Frontiers in Neuroscience</i> , 2022, 16, 876798.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Using Unidirectional Rotations to Improve Vestibular System Asymmetry in Patients with Vestibular Dysfunction. Journal of Visualized Experiments, 2019, , .	0.3	1