Sendhil Govender

List of Publications by Year
in descending order

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48 papers	1,223 citations	471509 17 h-index	395702 33 g-index
49 all docs	49 docs citations	49 times ranked	554 citing authors

#	Article	IF	Citations
1	Effects of posture on cerebellar evoked potentials (CEPs) following brief impulsive stimuli at the mastoid and trunk. Experimental Brain Research, 2022, 240, 1371-1385.	1.5	4
2	Collic evoked potentials, myogenic potentials (CEMPs) and postural responses produced by brief 100ÂHz vibration of the sternocleidomastoid muscle. Neuroscience Letters, 2022, 781, 136677.	2.1	0
3	Quantifying the effects of electrode placement and montage on measures of cVEMP amplitude and muscle contraction. Journal of Vestibular Research: Equilibrium and Orientation, 2021, 31, 47-59.	2.0	1
4	Source analyses of axial and vestibular evoked potentials associated with brainstem-spinal reflexes show cerebellar and cortical contributions. Neuroscience Letters, 2021, 757, 135960.	2.1	11
5	Comparison of the Effects of Matching and Normalization on the Cervical Vestibular Evoked Myogenic Potential. Otology and Neurotology, 2021, Publish Ahead of Print, e1592-e1599.	1.3	1
6	Non-invasive recording from the human cerebellum during a classical conditioning paradigm using the otolith-evoked blink reflex. Neuroscience Letters, 2021, 765, 136270.	2.1	7
7	Effects of viewing distance on ocular vestibular evoked myogenic potentials (oVEMPs) for air- and bone-conducted stimuli at multiple sites. Journal of Vestibular Research: Equilibrium and Orientation, 2020, 30, 1-6.	2.0	1
8	Mapping the vestibular cerebellar evoked potential (VsCEP) following air- and bone-conducted vestibular stimulation. Experimental Brain Research, 2020, 238, 601-620.	1.5	17
9	Axial perturbations evoke increased postural reflexes in Parkinsonâ€™s disease with postural instability. Clinical Neurophysiology, 2020, 131, 928-935.	1.5	1
10	Bone-conducted vestibular and stretch reflexes in human neck muscles. Experimental Brain Research, 2020, 238, 1237-1248.	1.5	4
11	Modulation of the human electro-cerebellogram (ECeG) during vestibular and optokinetic stimulation. Neuroscience Letters, 2019, 712, 134497.	2.1	9
12	Responses to anterior and posterior perturbations in Parkinsonâ€™s disease with early postural instability: role of axial and limb rigidity. Experimental Brain Research, 2019, 237, 1853-1867.	1.5	10
13	Sound-evoked vestibular projections to the splenius capitis in humans: comparison with the sternocleidomastoid muscle. Journal of Applied Physiology, 2019, 126, 1619-1629.	2.5	10
14	Vestibular evoked myogenic potentials in practice: Methods, pitfalls and clinical applications. Clinical Neurophysiology Practice, 2019, 4, 47-68.	1.4	184
15	Axial reflexes are present in older subjects and may contribute to balance responses. Experimental Brain Research, 2018, 236, 1031-1039.	1.5	4
16	Vestibular cerebellar evoked potentials in humans and their modulation during optokinetic stimulation. Journal of Neurophysiology, 2018, 120, 3099-3109.	1.8	17
17	Location and phase effects for ocular and cervical vestibular-evoked myogenic potentials evoked by bone-conducted stimuli at midline skull sites. Journal of Neurophysiology, 2018, 119, 1045-1056.	1.8	17
18	Properties of short-latency responses in the upper limbs evoked by axial impulses during leaning: evidence for reticulospinal projections. Experimental Brain Research, 2018, 236, 2611-2618.	1.5	4

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19	The human electrocerebellogram (ECeG) recorded non-invasively using scalp electrodes. Neuroscience Letters, 2018, 682, 124-131.	2.1	36
20	The inion response revisited: evidence for a possible cerebellar contribution to vestibular-evoked potentials produced by air-conducted sound stimulation. Journal of Neurophysiology, 2017, 117, 1000-1013.	1.8	21
21	Effects of midline sagittal location on bone-conducted cervical and ocular vestibular evoked myogenic potentials. Journal of Applied Physiology, 2017, 122, 1470-1484.	2.5	11
22	Postural responses in the upper limbs evoked by axial impulses: a role for reticulospinal projections. Experimental Brain Research, 2017, 235, 2235-2242.	1.5	7
23	Properties of 500Hz air- and bone-conducted vestibular evoked myogenic potentials (VEMPs) in superior canal dehiscence. Clinical Neurophysiology, 2016, 127, 2522-2531.	1.5	34
24	Vestibular-dependent inter-stimulus interval effects on sound evoked potentials of central origin. Hearing Research, 2016, 341, 190-201.	2.0	12
25	Electrode montage and gaze effects on ocular vestibular evoked myogenic potentials (oVEMPs). Clinical Neurophysiology, 2016, 127, 2846-2854.	1.5	24
26	Postural responses to anterior and posterior perturbations applied to the upper trunk of standing human subjects. Experimental Brain Research, 2016, 234, 367-376.	1.5	21
27	Frequency and phase effects on cervical vestibular evoked myogenic potentials (cVEMPs) to air-conducted sound. Experimental Brain Research, 2016, 234, 2567-2574.	1.5	7
28	Properties of cervical and ocular vestibular evoked myogenic potentials (cVEMPs and oVEMPs) evoked by 500 Hz and 100 Hz bone vibration at the mastoid. Clinical Neurophysiology, 2016, 127, 848-857.	1.5	15
29	Contrasting phase effects on vestibular evoked myogenic potentials (VEMPs) produced by air- and bone-conducted stimuli. Experimental Brain Research, 2016, 234, 141-149.	1.5	18
30	Vestibular evoked myogenic potentials (VEMPs) evoked by air- and bone-conducted stimuli in vestibular neuritis. Clinical Neurophysiology, 2015, 126, 2004-2013.	1.5	70
31	Selective changes of ocular vestibular myogenic potentials in Parkinson's disease. Movement Disorders, 2015, 30, 584-589.	3.9	29
32	Axially evoked postural reflexes: influence of task. Experimental Brain Research, 2015, 233, 215-228.	1.5	13
33	Differing response properties of cervical and ocular vestibular evoked myogenic potentials evoked by air-conducted stimulation. Clinical Neurophysiology, 2014, 125, 1238-1247.	1.5	14
34	Recruitment properties and significance of short latency reflexes in neck and eye muscles evoked by brief lateral head accelerations. Experimental Brain Research, 2014, 232, 2977-2988.	1.5	12
35	A postural reflex evoked by brief axial accelerations. Experimental Brain Research, 2013, 228, 73-85.	1.5	11
36	Differential effects of duration for ocular and cervical vestibular evoked myogenic potentials evoked by air- and bone-conducted stimuli. Experimental Brain Research, 2013, 224, 437-445.	1.5	31

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37	Ocular vestibular evoked myogenic potential (oVEMP) responses in acute vestibular neuritis. Clinical Neurophysiology, 2012, 123, 1054-1055.	1.5	8
38	Tuning of the ocular vestibular evoked myogenic potential (oVEMP) to air- and bone-conducted sound stimulation in superior canal dehiscence. Experimental Brain Research, 2012, 223, 51-64.	1.5	17
39	Vestibular-dependent spinal reflexes evoked by brief lateral accelerations of the heads of standing subjects. Journal of Applied Physiology, 2012, 112, 1906-1914.	2.5	14
40	Tuning of the ocular vestibular evoked myogenic potential to bone-conducted sound stimulation. Journal of Applied Physiology, 2012, 112, 1279-1290.	2.5	31
41	Vestibular neuritis has selective effects on air- and bone-conducted cervical and ocular vestibular evoked myogenic potentials. Clinical Neurophysiology, 2011, 122, 1246-1255.	1.5	60
42	Ocular and cervical vestibular evoked myogenic potentials produced by air- and bone-conducted stimuli: Comparative properties and effects of age. Clinical Neurophysiology, 2011, 122, 2282-2289.	1.5	151
43	Ocular vestibular evoked myogenic potentials produced by impulsive lateral acceleration in unilateral vestibular dysfunction. Clinical Neurophysiology, 2011, 122, 2498-2504.	1.5	33
44	Tuning of the ocular vestibular evoked myogenic potential (oVEMP) to AC sound shows two separate peaks. Experimental Brain Research, 2011, 213, 111-116.	1.5	34
45	Single trial detection of human vestibular evoked myogenic potentials is determined by signal-to-noise ratio. Journal of Applied Physiology, 2010, 109, 53-59.	2.5	8
46	The relative effectiveness of different stimulus waveforms in evoking VEMPs: Significance of stimulus energy and frequency. Journal of Vestibular Research: Equilibrium and Orientation, 2009, 19, 33-40.	2.0	48
47	Low-frequency tuning in the human vestibularâ€“ocular projection is determined by both peripheral and central mechanisms. Neuroscience Letters, 2009, 458, 43-47.	2.1	34
48	The effect of gaze direction on the ocular vestibular evoked myogenic potential produced by air-conducted sound. Clinical Neurophysiology, 2009, 120, 1386-1391.	1.5	97