

Angélica Pérez Fornos

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,483
citations

430874

18
h-index

434195

31
g-index

68
all docs

68
docs citations

68
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilateral vestibulopathy decreases self-motion perception. <i>Journal of Neurology</i> , 2022, 269, 5216-5228.	3.6	11
2	Bilateral vestibulopathy patients' perspectives on vestibular implant treatment: a qualitative study. <i>Journal of Neurology</i> , 2022, 269, 5249-5257.	3.6	6
3	Development and Content Validity of the Bilateral Vestibulopathy Questionnaire. <i>Frontiers in Neurology</i> , 2022, 13, 852048.	2.4	5
4	Patterns of Vestibular Impairment in Bilateral Vestibulopathy and Its Relation to Etiology. <i>Frontiers in Neurology</i> , 2022, 13, 856472.	2.4	8
5	Reported thresholds of self-motion perception are influenced by testing paradigm. <i>Journal of Neurology</i> , 2022, , 1.	3.6	0
6	The DizzyQuest: relation between self-reported hearing loss, tinnitus and objective hearing thresholds in patients with Meniere's disease. <i>Journal of Neurology</i> , 2022, 269, 5239-5248.	3.6	5
7	Suppression Head Impulse Test (SHIMP) versus Head Impulse Test (HIMP) When Diagnosing Bilateral Vestibulopathy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2444.	2.4	8
8	Sound localization in patients with bilateral vestibulopathy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, , .	1.6	2
9	Optimized Signal Analysis to Quantify the Non-Linear Behaviour of the Electrically Evoked Vestibulo-Ocular Reflex in Patients with a Vestibular Implant. <i>Audiology and Neuro-Otology</i> , 2022, 27, 458-468.	1.3	2
10	Speech Perception With Novel Stimulation Strategies for Combined Cochleo-Vestibular Systems. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1644-1650.	4.9	2
11	The resilience of the inner ear's vestibular and audiometric impact of transmastoid semicircular canal plugging. <i>Journal of Neurology</i> , 2021, , 1.	3.6	7
12	The Effect of Different Head Movement Paradigms on Vestibulo-Ocular Reflex Gain and Saccadic Eye Responses in the Suppression Head Impulse Test in Healthy Adult Volunteers. <i>Frontiers in Neurology</i> , 2021, 12, 729081.	2.4	8
13	Vestibular Implantation and the Feasibility of Fluoroscopy-Guided Electrode Insertion. <i>Otolaryngologic Clinics of North America</i> , 2020, 53, 115-126.	1.1	13
14	Restoring the High-Frequency Dynamic Visual Acuity with a Vestibular Implant Prototype in Humans. <i>Audiology and Neuro-Otology</i> , 2020, 25, 91-95.	1.3	19
15	Bilateral vestibulopathy: beyond imbalance and oscillopsia. <i>Journal of Neurology</i> , 2020, 267, 241-255.	3.6	38
16	The vestibular implant: Opinion statement on implantation criteria for research. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2020, 30, 213-223.	2.0	26
17	Introducing the DizzyQuest: an app-based diary for vestibular disorders. <i>Journal of Neurology</i> , 2020, 267, 3-14.	3.6	8
18	The DizzyQuest: to have or not to have a vertigo attack?. <i>Journal of Neurology</i> , 2020, 267, 15-23.	3.6	3

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19	Comparison of three video head impulse test systems for the diagnosis of bilateral vestibulopathy. <i>Journal of Neurology</i> , 2020, 267, 256-264.	3.6	17
20	Simultaneous activation of multiple vestibular pathways upon electrical stimulation of semicircular canal afferents. <i>Journal of Neurology</i> , 2020, 267, 273-284.	3.6	4
21	Bilateral vestibulopathy and age: experimental considerations for testing dynamic visual acuity on a treadmill. <i>Journal of Neurology</i> , 2020, 267, 265-272.	3.6	9
22	Tribute to Bernard Cohen - Whose Pioneering Work Made the Vestibular Implant Possible. <i>Frontiers in Neurology</i> , 2020, 11, 452.	2.4	3
23	Prospective cohort study on the predictors of fall risk in 119 patients with bilateral vestibulopathy. <i>PLoS ONE</i> , 2020, 15, e0228768.	2.5	30
24	Influence of systematic variations of the stimulation profile on responses evoked with a vestibular implant prototype in humans. <i>Journal of Neural Engineering</i> , 2020, 17, 036027.	3.5	6
25	Cervical myogenic potentials and controlled postural responses elicited by a prototype vestibular implant. <i>Journal of Neurology</i> , 2019, 266, 33-41.	3.6	23
26	A New and Faster Test to Assess Vestibular Perception. <i>Frontiers in Neurology</i> , 2019, 10, 707.	2.4	16
27	The Functional Head Impulse Test to Assess Oscillopsia in Bilateral Vestibulopathy. <i>Frontiers in Neurology</i> , 2019, 10, 365.	2.4	25
28	Drafting a Surgical Procedure Using a Computational Anatomy Driven Approach for Precise, Robust, and Safe Vestibular Neuroprosthesis Placementâ€”When One Size Does Not Fit All. <i>Otology and Neurotology</i> , 2019, 40, S51-S58.	1.3	5
29	The walking speed-dependency of gait variability in bilateral vestibulopathy and its association with clinical tests of vestibular function. <i>Scientific Reports</i> , 2019, 9, 18392.	3.3	25
30	Milestones in the development of a vestibular implant. <i>Current Opinion in Neurology</i> , 2019, 32, 145-153.	3.6	53
31	Vibrotactile feedback improves balance and mobility in patients with severe bilateral vestibular loss. <i>Journal of Neurology</i> , 2019, 266, 19-26.	3.6	40
32	Designing artificial senses: steps from physiology to clinical implementation. <i>Swiss Medical Weekly</i> , 2019, 149, w20061.	1.6	0
33	Optimization of 3D-Visualization of Micro-Anatomical Structures of the Human Inner Ear in Osmium Tetroxide Contrast Enhanced Micro-CT Scans. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 41.	1.7	18
34	Full Spectrum of Reported Symptoms of Bilateral Vestibulopathy Needs Further Investigationâ€”A Systematic Review. <i>Frontiers in Neurology</i> , 2018, 9, 352.	2.4	62
35	The vestibular implant: A probe in orbit around the human balance system. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2017, 27, 51-61.	2.0	37
36	The Vestibular Implant: Hearing Preservation during Intralabyrinthine Electrode Insertionâ€”A Case Report. <i>Frontiers in Neurology</i> , 2017, 8, 137.	2.4	25

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37	The Video Head Impulse Test to Assess the Efficacy of Vestibular Implants in Humans. <i>Frontiers in Neurology</i> , 2017, 8, 600.	2.4	30
38	The Vestibular Implant Input Interacts with Residual Natural Function. <i>Frontiers in Neurology</i> , 2017, 8, 644.	2.4	37
39	Characterization of Cochlear, Vestibular and Cochlear-Vestibular Electrically Evoked Compound Action Potentials in Patients with a Vestibulo-Cochlear Implant. <i>Frontiers in Neuroscience</i> , 2017, 11, 645.	2.8	14
40	Prospects and Limitations of Spatial Resolution. , 2017, , 29-45.		9
41	Neural Network Model of Vestibular Nuclei Reaction to Onset of Vestibular Prosthetic Stimulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 34.	4.1	10
42	Restoring Visual Acuity in Dynamic Conditions with a Vestibular Implant. <i>Frontiers in Neuroscience</i> , 2016, 10, 577.	2.8	43
43	Characterization of pulse amplitude and pulse rate modulation for a human vestibular implant during acute electrical stimulation. <i>Journal of Neural Engineering</i> , 2016, 13, 046023.	3.5	18
44	Preliminary observations of the acute effects of vestibular nerve stimulation on stride length and time in two patients with bilateral vestibular hypofunction. <i>Gait and Posture</i> , 2016, 49, 124.	1.4	4
45	Vestibular assistance systems: promises and challenges. <i>Journal of Neurology</i> , 2016, 263, 30-35.	3.6	21
46	Vestibular Implants: 8 Years of Experience with Electrical Stimulation of the Vestibular Nerve in 11 Patients with Bilateral Vestibular Loss. <i>Orl</i> , 2015, 77, 227-240.	1.1	71
47	Vestibular implants: Hope for improving the quality of life of patients with bilateral vestibular loss. , 2015, 2015, 7192-5.		14
48	First functional rehabilitation via vestibular implants. <i>Cochlear Implants International</i> , 2014, 15, S62-S64.	1.2	15
49	Artificial Balance: Restoration of the Vestibulo-Ocular Reflex in Humans with a Prototype Vestibular Neuroprosthesis. <i>Frontiers in Neurology</i> , 2014, 5, 66.	2.4	80
50	A Real-Time Research Platform to Study Vestibular Implants With Gyroscopic Inputs in Vestibular Deficient Subjects. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2014, 8, 474-484.	4.0	11
51	Simultaneous Development of 2 Oral Languages by Child Cochlear Implant Recipients. <i>Otology and Neurotology</i> , 2014, 35, 1541-1544.	1.3	17
52	The vestibular implant: frequency-dependency of the electrically evoked vestibulo-ocular reflex in humans. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 255.	2.5	65
53	Vestibular Implants in Humans: Solved Problems and Remaining Challenges. <i>Biosystems and Biorobotics</i> , 2013, , 1303-1306.	0.3	0
54	Use of the Argus II Retinal Prosthesis to Improve Visual Guidance of Fine Hand Movements. , 2012, 53, 5095.		60

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55	Temporal Properties of Visual Perception on Electrical Stimulation of the Retina. , 2012, 53, 2720.		103
56	Reading with a Simulated 60-Channel Implant. Frontiers in Neuroscience, 2011, 5, 57.	2.8	18
57	Simulation of artificial vision: IV. Visual information required to achieve simple pointing and manipulation tasks. Vision Research, 2008, 48, 1705-1718.	1.4	48
58	Processes Involved in Oculomotor Adaptation to Eccentric Reading. , 2006, 47, 1439.		19
59	Simulation of Artificial Vision, III: Do the Spatial or Temporal Characteristics of Stimulus Pixelization Really Matter?. , 2005, 46, 3906.		70
60	Simulation of artificial vision: II. Eccentric reading of full-page text and the learning of this task. Vision Research, 2004, 44, 1693-1706.	1.4	104
61	Development of a viewing strategy during adaptation to an artificial central scotoma. Vision Research, 2004, 44, 2691-2705.	1.4	30
62	Vestibular Implants in Humans: Steps Towards a Clinical Application. , 0, , .		0