

Pierre-Paul Vidal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

738
citations

15
h-index

27
g-index

34
ext. papers

902
ext. citations

3.4
avg, IF

4.1
L-index

#	Paper	IF	Citations
32	Perceptual-motor styles. <i>Experimental Brain Research</i> , 2021 , 239, 1359-1380	2.3	5
31	The 5P program, personalized and participatory primary prevention pathway: Rational and design of a clinical trial in general practice. <i>Contemporary Clinical Trials Communications</i> , 2021 , 22, 100786	1.8	
30	Multi-modal physiological signals based fear of heights analysis in virtual reality scenes. <i>Biomedical Signal Processing and Control</i> , 2021 , 70, 102988	4.9	0
29	An opinion paper on the maintenance of robustness: Towards a multimodal and intergenerational approach using digital twins. <i>Aging Medicine (Milton (N S W))</i> , 2020 , 3, 188-194	3.5	3
28	Motor style at rest and during locomotion in human. <i>Journal of Neurophysiology</i> , 2020 , 123, 2269-2284	3.2	1
27	Non-Linear Template-Based Approach for the Study of Locomotion. <i>Sensors</i> , 2020 , 20,	3.8	6
26	Postdychute-AG, Detection, and Prevention of the Risk of Falling Among Elderly People in Nursing Homes: Protocol of a Multicentre and Prospective Intervention Study. <i>Frontiers in Digital Health</i> , 2020 , 2, 604552	2.3	
25	The Complementary Role of Activity Context in the Mental Workload Evaluation of Helicopter Pilots: A Multi-tasking Learning Approach. <i>Communications in Computer and Information Science</i> , 2019 , 222-238	0.3	2
24	Urban noise recognition with convolutional neural network. <i>Multimedia Tools and Applications</i> , 2019 , 78, 29021-29041	2.5	24
23	Comparing Gait Trials with Greedy Template Matching. <i>Sensors</i> , 2019 , 19,	3.8	5
22	Balance Impairment in Radiation Induced Leukoencephalopathy Patients Is Coupled With Altered Visual Attention in Natural Tasks. <i>Frontiers in Neurology</i> , 2018 , 9, 1185	4.1	4
21	Inconsistent anticipatory postural adjustments (APAs) in rugby players: a source of injuries?. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000303	3.4	5
20	On the importance of local dynamics in statokinesigram: A multivariate approach for postural control evaluation in elderly. <i>PLoS ONE</i> , 2018 , 13, e0192868	3.7	12
19	Template-Based Step Detection with Inertial Measurement Units. <i>Sensors</i> , 2018 , 18,	3.8	15
18	Collaborative sensorimotor intelligence: the scrum as a model. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000407	3.4	2
17	An Initial Passive Phase That Limits the Time to Recover and Emphasizes the Role of Proprioceptive Information. <i>Frontiers in Neurology</i> , 2018 , 9, 986	4.1	5
16	Rod and frame test and posture under optokinetic stimulation used to explore two complementary aspects of the visual influence in postural control after stroke. <i>Gait and Posture</i> , 2017 , 58, 171-175	2.6	2

15	Inertial Sensors to Assess Gait Quality in Patients with Neurological Disorders: A Systematic Review of Technical and Analytical Challenges. <i>Frontiers in Psychology</i> , 2017 , 8, 817	3.4	79
14	Sustained and Transient Vestibular Systems: A Physiological Basis for Interpreting Vestibular Function. <i>Frontiers in Neurology</i> , 2017 , 8, 117	4.1	52
13	Long-Lasting Visuo-Vestibular Mismatch in Freely-Behaving Mice Reduces the Vestibulo-Ocular Reflex and Leads to Neural Changes in the Direct Vestibular Pathway. <i>ENeuro</i> , 2017 , 4,	3.9	24
12	A Non Linear Scoring Approach for Evaluating Balance: Classification of Elderly as Fallers and Non-Fallers. <i>PLoS ONE</i> , 2016 , 11, e0167456	3.7	16
11	Vestibular compensation: the neuro-otologist's best friend. <i>Journal of Neurology</i> , 2016 , 263 Suppl 1, S54-64	5.5	101
10	Ocular vestibular evoked myogenic potentials: the missing link. <i>Journal of Physiology</i> , 2012 , 590, 2953	3.9	
9	Ocular and cervical VEMPs: a study of 74 patients suffering from peripheral vestibular disorders. <i>Clinical Neurophysiology</i> , 2011 , 122, 1650-9	4.3	37
8	Intrinsic membrane properties of central vestibular neurons in rodents. <i>Experimental Brain Research</i> , 2011 , 210, 423-36	2.3	21
7	Vestibular critical period, maturation of central vestibular neurons, and locomotor control. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1164, 180-7	6.5	14
6	Oscillatory and intrinsic membrane properties of guinea pig nucleus prepositus hypoglossi neurons in vitro. <i>Journal of Neurophysiology</i> , 2006 , 96, 175-96	3.2	35
5	Unilateral labyrinthectomy modifies the membrane properties of contralesional vestibular neurons. <i>Journal of Neurophysiology</i> , 2004 , 92, 1668-84	3.2	61
4	Static and dynamic membrane properties of lateral vestibular nucleus neurons in guinea pig brain stem slices. <i>Journal of Neurophysiology</i> , 2003 , 90, 1689-703	3.2	26
3	Long-term plasticity of ipsilesional medial vestibular nucleus neurons after unilateral labyrinthectomy. <i>Journal of Neurophysiology</i> , 2003 , 90, 184-203	3.2	99
2	Floccular modulation of vestibuloocular pathways and cerebellum-related plasticity: An in vitro whole brain study. <i>Journal of Neurophysiology</i> , 2000 , 84, 2514-28	3.2	52
1	Intrinsic membrane properties and dynamics of medial vestibular neurons: a simulation. <i>Biological Cybernetics</i> , 1999 , 80, 383-92	2.8	29