

# Tim Kiemel

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

758  
citations

759233

12  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Neural Feedback for Upright Stance in Humans: Stabilization rather than Sway Minimization. <i>Journal of Neuroscience</i> , 2011, 31, 15144-15153.	3.6	112
2	Slow Dynamics of Postural Sway Are in the Feedback Loop. <i>Journal of Neurophysiology</i> , 2006, 95, 1410-1418.	1.8	105
3	Identification of the Plant for Upright Stance in Humans: Multiple Movement Patterns From a Single Neural Strategy. <i>Journal of Neurophysiology</i> , 2008, 100, 3394-3406.	1.8	96
4	Dynamic Reweighting of Three Modalities for Sensor Fusion. <i>PLoS ONE</i> , 2014, 9, e88132.	2.5	82
5	Function dictates the phase dependence of vision during human locomotion. <i>Journal of Neurophysiology</i> , 2014, 112, 165-180.	1.8	55
6	A central processing sensory deficit with Parkinson's disease. <i>Experimental Brain Research</i> , 2016, 234, 2369-2379.	1.5	55
7	The role of vestibular and somatosensory systems in intersegmental control of upright stance. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2008, 18, 39-49.	2.0	48
8	Intersegmental coupling and recovery from perturbations in freely running cockroaches. <i>Journal of Experimental Biology</i> , 2015, 218, 285-297.	1.7	33
9	Body stiffness and damping depend sensitively on the timing of muscle activation in lampreys. <i>Integrative and Comparative Biology</i> , 2018, 58, 860-873.	2.0	31
10	Identification of the Unstable Human Postural Control System. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 22.	2.5	25
11	Asymmetric Sensory Reweighting in Human Upright Stance. <i>PLoS ONE</i> , 2014, 9, e100418.	2.5	23
12	A Tool to Quantify the Functional Impact of Oscillopsia. <i>Frontiers in Neurology</i> , 2018, 9, 142.	2.4	21
13	Eye Movements Are Correctly Timed During Walking Despite Bilateral Vestibular Hypofunction. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2017, 18, 591-600.	1.8	14
14	Visual Flow Is Interpreted Relative to Multisegment Postural Control. <i>Journal of Motor Behavior</i> , 2011, 43, 237-246.	0.9	13
15	Using a System Identification Approach to Investigate Subtask Control during Human Locomotion. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 146.	2.1	13
16	Characterization of the encoding properties of intraspinal mechanosensory neurons in the lamprey. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 831-841.	1.6	9
17	Entrainment Ranges for Chains of Forced Neural and Phase Oscillators. <i>Journal of Mathematical Neuroscience</i> , 2016, 6, 6.	2.4	8
18	Visual feedback during treadmill walking improves balance for older adults: A preliminary report. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	Multiple strategies to correct errors in foot placement and control speed in human walking. <i>Experimental Brain Research</i> , 2020, 238, 2947-2963.	1.5	4
20	Intra-auditory integration between pitch and loudness in humans: Evidence of super-optimal integration at moderate uncertainty in auditory signals. <i>Scientific Reports</i> , 2018, 8, 13708.	3.3	3
21	Postural control in a bipedal robot using sensory reweighting. , 2011, , .		1
22	Inter-Personal Motor Synergy: Co-working Strategy Depends on Task Constraints. <i>Journal of Neurophysiology</i> , 2021, 126, 1698-1709.	1.8	1