

# 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  
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23  
all docs

23  
docs citations

23  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-Personal Motor Synergy: Co-working Strategy Depends on Task Constraints. Journal of Neurophysiology, 2021, 126, 1698-1709.	1.8	1
2	Multiple strategies to correct errors in foot placement and control speed in human walking. Experimental Brain Research, 2020, 238, 2947-2963.	1.5	4
3	Intra-auditory integration between pitch and loudness in humans: Evidence of super-optimal integration at moderate uncertainty in auditory signals. Scientific Reports, 2018, 8, 13708.	3.3	3
4	A Tool to Quantify the Functional Impact of Oscillopsia. Frontiers in Neurology, 2018, 9, 142.	2.4	21
5	Body stiffness and damping depend sensitively on the timing of muscle activation in lampreys. Integrative and Comparative Biology, 2018, 58, 860-873.	2.0	31
6	Eye Movements Are Correctly Timed During Walking Despite Bilateral Vestibular Hypofunction. JARO - Journal of the Association for Research in Otolaryngology, 2017, 18, 591-600.	1.8	14
7	Characterization of the encoding properties of intraspinal mechanosensory neurons in the lamprey. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 831-841.	1.6	9
8	Identification of the Unstable Human Postural Control System. Frontiers in Systems Neuroscience, 2016, 10, 22.	2.5	25
9	Entrainment Ranges for Chains of Forced Neural and Phase Oscillators. Journal of Mathematical Neuroscience, 2016, 6, 6.	2.4	8
10	A central processing sensory deficit with Parkinson's disease. Experimental Brain Research, 2016, 234, 2369-2379.	1.5	55
11	Using a System Identification Approach to Investigate Subtask Control during Human Locomotion. Frontiers in Computational Neuroscience, 2016, 10, 146.	2.1	13
12	Intersegmental coupling and recovery from perturbations in freely running cockroaches. Journal of Experimental Biology, 2015, 218, 285-297.	1.7	33
13	Asymmetric Sensory Reweighting in Human Upright Stance. PLoS ONE, 2014, 9, e100418.	2.5	23
14	Function dictates the phase dependence of vision during human locomotion. Journal of Neurophysiology, 2014, 112, 165-180.	1.8	55
15	Dynamic Reweighting of Three Modalities for Sensor Fusion. PLoS ONE, 2014, 9, e88132.	2.5	82
16	Visual feedback during treadmill walking improves balance for older adults: A preliminary report. , 2013, , .		5
17	Visual Flow Is Interpreted Relative to Multisegment Postural Control. Journal of Motor Behavior, 2011, 43, 237-246.	0.9	13
18	Postural control in a bipedal robot using sensory reweighting. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Slow Dynamics of Postural Sway Are in the Feedback Loop. <i>Journal of Neurophysiology</i> , 2006, 95, 1410-1418.	1.8	105