

# Torin K Clark

## List of Publications by Citations

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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.

37  
papers

365  
citations

10  
h-index

18  
g-index

42  
ext. papers

500  
ext. citations

3.1  
avg, IF

3.88  
L-index

#	Paper	IF	Citations
37	Vestibular Perceptual Thresholds Increase above the Age of 40. <i>Frontiers in Neurology</i> , <b>2016</b> , 7, 162	4.1	70
36	Multivariate Analyses of Balance Test Performance, Vestibular Thresholds, and Age. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 578	4.1	36
35	The Confidence Database. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 317-325	12.8	32
34	Human perceptual overestimation of whole body roll tilt in hypergravity. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 2062-77	3.2	29
33	The Impact of Oral Promethazine on Human Whole-Body Motion Perceptual Thresholds. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , <b>2017</b> , 18, 581-590	3.3	26
32	Modeling human perception of orientation in altered gravity. <i>Frontiers in Systems Neuroscience</i> , <b>2015</b> , 9, 68	3.5	23
31	Dynamics of individual perceptual decisions. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 39-59	3.2	16
30	Human manual control performance in hyper-gravity. <i>Experimental Brain Research</i> , <b>2015</b> , 233, 1409-20	2.3	15
29	Human manual control precision depends on vestibular sensory precision and gravitational magnitude. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 3187-3197	3.2	15
28	Mathematical models for dynamic, multisensory spatial orientation perception. <i>Progress in Brain Research</i> , <b>2019</b> , 248, 65-90	2.9	10
27	Intraocular pressure and cardiovascular alterations investigated in artificial gravity as a countermeasure to spaceflight associated neuro-ocular syndrome. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 567-576	3.7	9
26	Balance Screening of Vestibular Function in Subjects Aged 4 Years and Older: A Living Laboratory Experience. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 631	4.1	8
25	Numerical simulation of human orientation perception during lunar landing. <i>Acta Astronautica</i> , <b>2011</b> , 69, 420-428	2.9	8
24	Human vestibular perceptual thresholds for pitch tilt are slightly worse than for roll tilt across a range of frequencies. <i>Experimental Brain Research</i> , <b>2020</b> , 238, 1499-1509	2.3	8
23	Human perception of whole body roll-tilt orientation in a hypogravity analog: underestimation and adaptation. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 3110-3121	3.2	8
22	A Case Study of Human Roll Tilt Perception in Hypogravity. <i>Aerospace Medicine and Human Performance</i> , <b>2017</b> , 88, 682-687	1.1	7
21	Statistical approaches to identifying lapses in psychometric response data. <i>Psychonomic Bulletin and Review</i> , <b>2021</b> , 28, 1433-1457	4.1	6

20	When uncertain, does human self-motion decision-making fully utilize complete information?. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 1485-1496	3.2	5
19	<b>2018,</b>		5
18	Effects of Spaceflight on the Vestibular System <b>2019</b> , 1-39		4
17	Development of a countermeasure to enhance sensorimotor adaptation to altered gravity levels <b>2016,</b>		4
16	Analysis of artificial gravity paradigms using a mathematical model of spatial orientation. <i>Acta Astronautica</i> , <b>2018</b> , 152, 602-610	2.9	4
15	Tolerable acclimation to the cross-coupled illusion through a 10-day, incremental, personalized protocol. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>2019</b> , 29, 97-110	2.5	3
14	Sensorimotor impairment from a new analog of spaceflight-altered neurovestibular cues. <i>Journal of Neurophysiology</i> , <b>2020</b> , 123, 209-223	3.2	3
13	Galvanic Vestibular Stimulation Produces Cross-Modal Improvements in Visual Thresholds. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 640984	5.1	3
12	Human Spatial Orientation Perception During Simulated Lunar Landing Motions. <i>Journal of Spacecraft and Rockets</i> , <b>2014</b> , 51, 267-280	1.5	2
11	The Confidence Database		2
10	A standardized, incremental protocol to increase human tolerance to the cross-coupled illusion. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>2019</b> , 29, 229-240	2.5	1
9	<b>2020,</b>		1
8	Improved feasibility of astronaut short-radius artificial gravity through a 50-day incremental, personalized, vestibular acclimation protocol. <i>Npj Microgravity</i> , <b>2020</b> , 6, 22	5.3	1
7	Development of an Achievability Propellant Limit Algorithm for a Piloted, Lunar Lander. <i>Journal of Spacecraft and Rockets</i> , <b>2020</b> , 57, 484-495	1.5	0
6	The Effect of Noisy Galvanic Vestibular Stimulation on Learning of Functional Mobility and Manual Control Nulling Sensorimotor Tasks. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 756674	3.3	0
5	COMPASS: Computations for Orientation and Motion Perception in Altered Sensorimotor States. <i>Frontiers in Neural Circuits</i> , <b>2021</b> , 15, 757817	3.5	0
4	A Mathematical Model-based Metric of Spatial Disorientation for Use in Triggering Active Countermeasures. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 1724-1728	0.4	0
3	Tolerable Acclimation to the Cross-Coupled Illusion through a 10-day, Incremental, Personalized Protocol. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , <b>2019</b> , 1-14	2.5	

2 Effects of Spaceflight on the Vestibular System **2022**, 273-311

1 A Machine Learning Approach to Identify Stochastic Resonance in Human Perceptual Thresholds..  
*Journal of Neuroscience Methods*, **2022**, 109559

3