

# Timothy J Herron

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,930  
citations

257450

24  
h-index

265206

42  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving digit span assessment of short-term verbal memory. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2011, 33, 101-111.	1.3	220
2	Factors influencing the latency of simple reaction time. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 131.	2.0	207
3	Functional Maps of Human Auditory Cortex: Effects of Acoustic Features and Attention. <i>PLoS ONE</i> , 2009, 4, e5183.	2.5	131
4	Stimulus-dependent activations and attention-related modulations in the auditory cortex: A meta-analysis of fMRI studies. <i>Hearing Research</i> , 2014, 307, 29-41.	2.0	111
5	Auditory Attention Activates Peripheral Visual Cortex. <i>PLoS ONE</i> , 2009, 4, e4645.	2.5	92
6	Functional Properties of Human Auditory Cortical Fields. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 155.	2.5	85
7	Age-related slowing of response selection and production in a visual choice reaction time task. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 193.	2.0	76
8	Perceptual training improves syllable identification in new and experienced hearing aid users. <i>Journal of Rehabilitation Research and Development</i> , 2006, 43, 537.	1.6	71
9	Divisive Conditioning: Further Results on Dilation. <i>Philosophy of Science</i> , 1997, 64, 411-444.	1.0	57
10	Computerized Measures of Finger Tapping: Effects of Hand Dominance, Age, and Sex. <i>Perceptual and Motor Skills</i> , 2013, 116, 929-952.	1.3	57
11	An empirical comparison of univariate versus multivariate methods for the analysis of brain-behavior mapping. <i>Human Brain Mapping</i> , 2021, 42, 1070-1101.	3.6	49
12	The Effects of Aging, Malingering, and Traumatic Brain Injury on Computerized Trail-Making Test Performance. <i>PLoS ONE</i> , 2015, 10, e0124345.	2.5	47
13	Automated measurement of the human corpus callosum using MRI. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 25.	2.5	43
14	Multimodal surface-based morphometry reveals diffuse cortical atrophy in traumatic brain injury. <i>BMC Medical Imaging</i> , 2009, 9, 20.	2.7	40
15	Consonant identification in consonant-vowel-consonant syllables in speech-spectrum noise. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 1609-1623.	1.1	37
16	Attention modulates sound processing in human auditory cortex but not the inferior colliculus. <i>NeuroReport</i> , 2007, 18, 1311-1314.	1.2	35
17	Regional variation, hemispheric asymmetries and gender differences in pericortical white matter. <i>NeuroImage</i> , 2011, 56, 2011-2023.	4.2	35
18	Phonological Processing in Human Auditory Cortical Fields. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 42.	2.0	35

#	ARTICLE	IF	CITATIONS
19	Hemispheric asymmetries in cortical and subcortical anatomy. <i>Laterality</i> , 2015, 20, 658-684.	1.0	35
20	Hemispherically-Unified Surface Maps of Human Cerebral Cortex: Reliability and Hemispheric Asymmetries. <i>PLoS ONE</i> , 2012, 7, e45582.	2.5	30
21	Computerized analysis of error patterns in digit span recall. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2011, 33, 721-734.	1.3	29
22	Diffusion properties of cortical and pericortical tissue: regional variations, reliability and methodological issues. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1111-1122.	1.8	28
23	Computerized Analysis of Verbal Fluency: Normative Data and the Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury. <i>PLoS ONE</i> , 2016, 11, e0166439.	2.5	28
24	Improving the resolution of functional brain imaging: analyzing functional data in anatomical space. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1070-1078.	1.8	27
25	Computerized measures of finger tapping: Reliability, malingering and traumatic brain injury. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 745-758.	1.3	26
26	Local landmark-based mapping of human auditory cortex. <i>NeuroImage</i> , 2004, 22, 1657-1670.	4.2	24
27	Measuring consonant identification in nonsense syllables, words, and sentences. <i>Journal of Rehabilitation Research and Development</i> , 2010, 47, 243.	1.6	23
28	An improved spatial span test of visuospatial memory. <i>Memory</i> , 2016, 24, 1142-1155.	1.7	21
29	Sex differences in cortical and subcortical human brain anatomy. <i>F1000Research</i> , 0, 4, 88.	1.6	21
30	Aided and Unaided Speech Perception by Older Hearing Impaired Listeners. <i>PLoS ONE</i> , 2015, 10, e0114922.	2.5	21
31	Movement Activation and Inhibition in Parkinson's Disease: A Functional Imaging Study. <i>Journal of Parkinson's Disease</i> , 2013, 3, 181-192.	2.8	20
32	The Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury on Visual Choice Reaction Time. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 595.	2.0	17
33	Measuring executive function in control subjects and TBI patients with question completion time (QCT). <i>Frontiers in Human Neuroscience</i> , 2015, 9, 288.	2.0	16
34	Speech Perception in Older Hearing Impaired Listeners: Benefits of Perceptual Training. <i>PLoS ONE</i> , 2015, 10, e0113965.	2.5	16
35	The Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury on High-Precision Measures of Simple Visual Reaction Time. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 540.	2.0	13
36	Validation of the anisotropy index ellipsoidal area ratio in diffusion tensor imaging. <i>Magnetic Resonance Imaging</i> , 2010, 28, 546-556.	1.8	10

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37	White matter microstructure throughout the brain correlates with visual imagery in grapheme-color synesthesia. <i>NeuroImage</i> , 2014, 90, 52-59.	4.2	10
38	A Computerized Test of Design Fluency. <i>PLoS ONE</i> , 2016, 11, e0153952.	2.5	10
39	The Effects of Repeat Testing, Malingering, and Traumatic Brain Injury on Computerized Measures of Visuospatial Memory Span. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 690.	2.0	9
40	The Dyad-Adaptive Paced Auditory Serial Addition Test (DA-PASAT): Normative data and the effects of repeated testing, simulated malingering, and traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0178148.	2.5	8
41	Auditory Comprehension Deficits in Post-stroke Aphasia: Neurologic and Demographic Correlates of Outcome and Recovery. <i>Frontiers in Neurology</i> , 2021, 12, 680248.	2.4	8
42	Age-related changes in consonant and sentence processing. <i>Journal of Rehabilitation Research and Development</i> , 2012, 49, 1277.	1.6	7
43	Intermodal attention modulates visual processing in dorsal and ventral streams. <i>NeuroImage</i> , 2012, 63, 1295-1304.	4.2	6
44	The Bay Area Verbal Learning Test (BAVLT): Normative Data and the Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 654.	2.0	4
45	Mindfulness-Based Stress Reduction Intervention in Chronic Stroke: a Randomized, Controlled Pilot Study. <i>Mindfulness</i> , 2021, 12, 2908-2919.	2.8	4
46	The Extent of Dilation of Sets of Probabilities and the Asymptotics of Robust Bayesian Inference. <i>PSA Proceedings of the Biennial Meeting of the Philosophy of Science Association</i> , 1994, 1994, 250-259.	0.1	4
47	Neural Underpinnings of Proactive Interference in Working Memory: Evidence From Patients With Unilateral Lesions. <i>Frontiers in Neurology</i> , 2021, 12, 607273.	2.4	3
48	Functional and anatomical properties of human visual cortical fields. <i>Vision Research</i> , 2015, 109, 107-121.	1.4	2
49	COMPUTERIZED MEASURES OF FINGER TAPPING: EFFECTS OF HAND DOMINANCE, AGE, AND SEX <sup>1,2</sup> . <i>Perceptual and Motor Skills</i> , 0, , 130718095826009.	1.3	1
50	Voxel-Based Lesion Symptom Mapping. <i>NeuroMethods</i> , 2022, , 95-118.	0.3	1
51	His Glassy Essence: An Autobiography of Charles Sanders Peirce. Charles Sanders Peirce. <i>Isis</i> , 2001, 92, 801-802.	0.5	0
52	Case study: A selective tactile naming deficit for letters and numbers due to interhemispheric disconnection. <i>NeuroImage: Clinical</i> , 2021, 30, 102614.	2.7	0
53	Shape dimensions, perceptual organization and intermodal selective attention: anterior extrastriate fMRI. <i>Journal of Vision</i> , 2010, 10, 1205-1205.	0.3	0
54	Part-whole integration of 2D shapes in the hippocampus and the basal ganglia. <i>Journal of Vision</i> , 2011, 11, 1094-1094.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Cortical surface-based meta-analysis of human visuotopic regions from published stereotaxic coordinates.. <i>Journal of Vision</i> , 2012, 12, 523-523.	0.3	0