

Maria T Schultheis

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,636
citations

257450

24
h-index

189892

50
g-index

62
all docs

62
docs citations

62
times ranked

2505
citing authors

#	ARTICLE	IF	CITATIONS
1	The application of virtual reality technology in rehabilitation.. Rehabilitation Psychology, 2001, 46, 296-311.	1.3	505
2	Analysis of assets for virtual reality applications in neuropsychology. Neuropsychological Rehabilitation, 2004, 14, 207-239.	1.6	360
3	Virtual Reality and Neuropsychology. Journal of Head Trauma Rehabilitation, 2002, 17, 378-394.	1.7	137
4	Electrographic status epilepticus and long-term outcome in critically ill children. Neurology, 2014, 82, 396-404.	1.1	131
5	Is Learning and Memory Different in a Virtual Environment?. Clinical Neuropsychologist, 2007, 21, 146-161.	2.3	115
6	Acquisition versus retrieval deficits in traumatic brain injury: Implications for memory rehabilitation. Archives of Physical Medicine and Rehabilitation, 2000, 81, 1327-1333.	0.9	95
7	Applications of Functional Near-Infrared Spectroscopy (fNIRS) to Neurorehabilitation of Cognitive Disabilities. Clinical Neuropsychologist, 2007, 21, 38-57.	2.3	90
8	Divided Attention and Driving. Journal of Head Trauma Rehabilitation, 2002, 17, 26-37.	1.7	73
9	Motor vehicle crashes and violations among drivers with multiple sclerosis. Archives of Physical Medicine and Rehabilitation, 2002, 83, 1175-1178.	0.9	73
10	Examining the Relationship Between Cognition and Driving Performance in Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2010, 91, 465-473.	0.9	70
11	Examining the Usability of a Virtual Reality Driving Simulator. Assistive Technology, 2007, 19, 1-10.	2.0	62
12	Virtual Reality and Driving: The Road to Better Assessment for Cognitively Impaired Populations. Presence: Teleoperators and Virtual Environments, 2001, 10, 431-439.	0.6	60
13	Driving Behaviors Following Brain Injury. Journal of Head Trauma Rehabilitation, 2002, 17, 38-47.	1.7	60
14	Driving Behaviors in Adults with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2014, 44, 3119-3128.	2.7	60
15	Exploring frontal asymmetry using functional near-infrared spectroscopy: a preliminary study of the effects of social anxiety during interaction and performance tasks. Brain Imaging and Behavior, 2013, 7, 140-153.	2.1	54
16	Assessing functional status: Exploring the relationship between the multiple sclerosis functional composite and driving. Archives of Physical Medicine and Rehabilitation, 2002, 83, 1123-1129.	0.9	53
17	Driver Performance While Texting: Even a Little is Too Much. Traffic Injury Prevention, 2013, 14, 132-137.	1.4	50
18	Spacing of Repetitions Improves Learning and Memory After Moderate and Severe TBI. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 49-58.	1.3	47

#	ARTICLE	IF	CITATIONS
19	Verbal working memory impairments following traumatic brain injury: an fNIRS investigation. <i>Brain Imaging and Behavior</i> , 2014, 8, 446-459.	2.1	45
20	Assessment of Cognitive Neural Correlates for a Functional Near Infrared-Based Brain Computer Interface System. <i>Lecture Notes in Computer Science</i> , 2009, , 699-708.	1.3	41
21	Electrographic status epilepticus and neurobehavioral outcomes in critically ill children. <i>Epilepsy and Behavior</i> , 2015, 49, 238-244.	1.7	37
22	FUNCTIONAL NEAR-IR SPECTROSCOPY-BASED ASSESSMENT OF ATTENTION IMPAIRMENTS AFTER TRAUMATIC BRAIN INJURY. <i>Journal of Innovative Optical Health Sciences</i> , 2011, 04, 251-260.	1.0	31
23	Effect of the Teen Driving Plan on the Driving Performance of Teenagers Before Licensure. <i>JAMA Pediatrics</i> , 2014, 168, 764.	6.2	27
24	Head-Mounted Displays for Clinical Virtual Reality Applications: Pitfalls in Understanding User Behavior while Using Technology. <i>Cyberpsychology, Behavior and Social Networking</i> , 2006, 9, 591-602.	2.2	25
25	Driving Behaviors Among Community-Dwelling Persons With Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 975-981.	0.9	25
26	Impaired delay eyeblink classical conditioning in individuals with anterograde amnesia resulting from anterior communicating artery aneurysm rupture.. <i>Behavioral Neuroscience</i> , 2001, 115, 560-570.	1.2	22
27	Vision and Driving in Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 315-317.	0.9	22
28	Driving After Traumatic Brain Injury: Evaluation and Rehabilitation Interventions. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2014, 2, 176-183.	0.8	22
29	Neurocognitive Correlates of Young Drivers' Performance in a Driving Simulator. <i>Journal of Adolescent Health</i> , 2016, 58, 467-473.	2.5	19
30	Behavioural ratings of self-regulatory mechanisms and driving behaviour after an acquired brain injury. <i>Brain Injury</i> , 2014, 28, 1687-1699.	1.2	18
31	The Neurocognitive Driving Test: Applying Technology to the Assessment of Driving Ability Following Brain Injury.. <i>Rehabilitation Psychology</i> , 2003, 48, 275-280.	1.3	16
32	Driving, aging, and traumatic brain injury: Integrating findings from the literature.. <i>Rehabilitation Psychology</i> , 2008, 53, 18-27.	1.3	16
33	Driving Comparisons Between Young Adults with Autism Spectrum Disorder and Typical Development. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2018, 39, 451-460.	1.1	16
34	Executive function differences in simulated driving performance between young adults with and without autism spectrum disorder. <i>Child Neuropsychology</i> , 2020, 26, 649-665.	1.3	16
35	Driving errors of learner teens: Frequency, nature and their association with practice. <i>Accident Analysis and Prevention</i> , 2014, 72, 433-439.	5.7	15
36	Stopping behavior in a VR driving simulator: A new clinical measure for the assessment of driving. , 2006, 2006, 4921-4.		14

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37	Fractioning the Hooper: A Multiple-Choice Response Format. <i>Clinical Neuropsychologist</i> , 2000, 14, 196-201.	2.3	13
38	Multitasking in Multiple Sclerosis: Can It Inform Vocational Functioning?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 2509-2514.	0.9	12
39	The Effects of Driver Distraction for Individuals With Traumatic Brain Injuries. <i>Human Factors</i> , 2015, 57, 1472-1488.	3.5	12
40	Driving after brain injury: Does dual-task modality matter?. <i>NeuroRehabilitation</i> , 2018, 42, 213-222.	1.3	8
41	An examination of financial capacity and neuropsychological performance in chronic acquired brain injury (CABI). <i>Brain Injury</i> , 2019, 33, 991-1002.	1.2	8
42	Examining neurocognitive correlates of risky driving behavior in young adults using a simulated driving environment. , 2013, , .		7
43	Informant Report of Financial Capacity for Individuals With Chronic Acquired Brain Injury: An Assessment of Informant Accuracy. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, E85-E94.	1.7	7
44	Functional Near-Infrared Spectroscopy and Electroencephalography: A Multimodal Imaging Approach. <i>Lecture Notes in Computer Science</i> , 2009, , 417-426.	1.3	7
45	Development of On-Road Driving Assessment for Learner Teen Drivers. <i>Transportation Research Record</i> , 2014, 2465, 64-72.	1.9	6
46	Preliminary findings of a novel measure of driving behaviors in Veterans with comorbid TBI and PTSD. <i>Journal of Rehabilitation Research and Development</i> , 2016, 53, 827-838.	1.6	5
47	Neuroscience and Older Drivers. , 2011, , 127-136.		4
48	The Relationship Between Multiple Sclerosis Symptom Severity Measures and Performance on Driving Variability Metrics in a Virtual Reality Simulator. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 278-284.	1.4	4
49	Final Thoughts and Future Directions. , 2009, , 201-215.		4
50	Selective reminding of prospective memory in Multiple Sclerosis. <i>Neuropsychological Rehabilitation</i> , 2019, 29, 675-690.	1.6	3
51	The impact of ablated cortex on the validity and interpretation of the fNIRS signal. , 2008, 2008, 4028-31.		2
52	Driving and Stroke. , 2009, , 117-130.		2
53	Poster 31. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, e12.	0.9	1
54	Updating an Essential Text - Neuropsychological Assessment of Neuropsychiatric and Neuromedical Disorders (3rd Edition). I. Grant and K.A. Adams (Eds.). 2009. New York: Oxford University Press, 800 pp., \$115.00 (HB).. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 1156-1157.	1.8	1

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55	Driving Evaluation in Older Adults. , 2013, , 135-152.		1
56	Understanding Driver Behavior after Concussion: A Machine-Learning Approach. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1911-1915.	0.3	1
57	Driving-Related Coping Thoughts in Post-9/11 Combat Veterans With and Without Comorbid PTSD and TBI. Federal Practitioner: for the Health Care Professionals of the VA, DoD, and PHS, 2017, 34, 20-24.	0.6	1
58	The Encyclopedia of Neuropsychological Disorder. Archives of Clinical Neuropsychology, 2013, 28, 750-750.	0.5	0
59	Reliability of a virtual reality driving simulator for individuals with neurological disorders. Technology and Disability, 2020, 32, 25-31.	0.6	0
60	Driving and the Dementias. , 2009, , 95-116.		0