

Omer Tsimhoni

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

649
citations

933447

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h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Queueing Network-Model Human Processor (QN-MHP). ACM Transactions on Computer-Human Interaction, 2006, 13, 37-70.	5.7	163
2	Address Entry While Driving: Speech Recognition Versus a Touch-Screen Keyboard. Human Factors, 2004, 46, 600-610.	3.5	137
3	Model-Based Analysis and Classification of Driver Distraction Under Secondary Tasks. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 692-701.	8.0	93
4	Effect of axial length and keratometry measurement error on intraocular lens implant power prediction formulas in pediatric patients. Journal of AAPOS, 2008, 12, 173-176.	0.3	51
5	Investigation of Driver Performance With Night Vision and Pedestrian Detection Systems”Part I: Empirical Study on Visual Clutter and Glance Behavior. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 670-677.	8.0	41
6	Development of an Adaptive Workload Management System Using the Queueing Network-Model Human Processor (QN-MHP). IEEE Transactions on Intelligent Transportation Systems, 2008, 9, 463-475.	8.0	36
7	Discrepancies between Intraocular Lens Implant Power Prediction Formulas in Pediatric Patients. Ophthalmology, 2007, 114, 383-386.	5.2	35
8	Using Image-Based Metrics to Model Pedestrian Detection Performance With Night-Vision Systems. IEEE Transactions on Intelligent Transportation Systems, 2009, 10, 155-164.	8.0	25
9	Pedestrian Detection with near and far Infrared Night Vision Enhancement. LEUKOS - Journal of Illuminating Engineering Society of North America, 2007, 4, 113-128.	2.9	21
10	Investigation of Driver Performance With Night-Vision and Pedestrian-Detection Systems”Part 2: Queueing Network Human Performance Modeling. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 765-772.	8.0	19
11	Pedestrian Detection with Night Vision Systems Enhanced by Automatic Warnings. Proceedings of the Human Factors and Ergonomics Society, 2006, 50, 2443-2447.	0.3	10
12	A recursion-based approach to simulating airline schedule robustness. , 2008, , .		6
13	Simulation and optimization for construction repetitive projects using promodel and simrunner. , 2008, , .		6
14	Information Constrained Control Analysis of Eye Gaze Distribution Under Workload. IEEE Transactions on Human-Machine Systems, 2019, 49, 474-484.	3.5	3
15	From Bottom-Up To Top-Down: Characterization Of Training Process In Gaze Modeling. , 2022, , .		2
16	Development of an Adaptive Workload Management System using the Queueing Network-Model Human Processor. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 1540-1544.	0.3	1
17	Comparative Analysis of Process Interaction and Activity Scanning Approaches in Simulation of Construction Operations. , 2006, , .		0
18	Who’s your Tiger? Using simulation to optimize the lineup of the Detroit Tigers offense. , 2008, , .		0