

Ravindra S Goonetilleke

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,856
citations

236925

25
h-index

276875

41
g-index

84
all docs

84
docs citations

84
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	A one- and two-phased model of aimed movement with eye-hand incompatibility. <i>Human Movement Science</i> , 2020, 72, 102657.	1.4	0
2	Ankle positions potentially facilitating greater maximal contraction of pelvic floor muscles: a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2019, 41, 2483-2491.	1.8	14
3	Foot size and foot shape of children, adults and elderly. , 2019, , 295-319.		1
4	Effects of Gain and Index of Difficulty on Mouse Movement Time and Fitts's Law. <i>IEEE Transactions on Human-Machine Systems</i> , 2019, 49, 684-691.	3.5	7
5	Pressure thresholds and stiffness on the plantar surface of the human foot. <i>Ergonomics</i> , 2017, 60, 985-996.	2.1	13
6	Pointing Device Performance in Steering Tasks. <i>Perceptual and Motor Skills</i> , 2016, 122, 886-910.	1.3	17
7	Effect of an on-hip load-carrying belt on physiological and perceptual responses during bimanual anterior load carriage. <i>Applied Ergonomics</i> , 2016, 55, 133-137.	3.1	6
8	Fabric Cooling by Water Evaporation. <i>Journal of Fiber Bioengineering and Informatics</i> , 2016, 9, 237-245.	0.2	2
9	Does Instructional Video Advertising Influence Behavioral Intention? Comparative Study Between Hong Kong and Malaysia. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 943-954.	0.6	2
10	Structure of Hand/Mouse Movements. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 790-798.	3.5	19
11	Targeted-Tracking With Pointing Devices. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 431-441.	3.5	8
12	Technology Acceptance and Hand Anthropometry (TAHA) Model: Insights from Somatosensory Technology. <i>Procedia Manufacturing</i> , 2015, 3, 4197-4204.	1.9	0
13	A model for combined targeting and tracking tasks in computer applications. <i>Experimental Brain Research</i> , 2013, 231, 367-379.	1.5	18
14	A model for the perception of surface pressure on human foot. <i>Applied Ergonomics</i> , 2013, 44, 1-10.	3.1	19
15	Superiority of Freehand Pointing. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 1639-1642.	0.3	1
16	Load distribution to minimise pressure-related pain on foot: a model. <i>Ergonomics</i> , 2013, 56, 1180-1193.	2.1	15
17	Setting That Mouse for Tracking Tasks. <i>Lecture Notes in Computer Science</i> , 2013, , 276-281.	1.3	2
18	Constrained Path Tracking at Varying Angles in a Mouse Tracking Task. <i>Human Factors</i> , 2012, 54, 138-150.	3.5	20

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19	Open-loop and feedback-controlled mouse cursor movements in linear paths. <i>Ergonomics</i> , 2012, 55, 476-488.	2.1	20
20	Model based foot shape classification using 2D foot outlines. <i>CAD Computer Aided Design</i> , 2012, 44, 48-55.	2.7	19
21	Time use behavior in single and time-sharing tasks. <i>International Journal of Human Computer Studies</i> , 2012, 70, 332-345.	5.6	13
22	A New Region Growing Algorithm for Triangular Mesh Recovery from Scattered 3D Points. <i>Lecture Notes in Computer Science</i> , 2011, , 237-246.	1.3	5
23	Thermal Properties of Reflective Helmet Exposed to Infrared Radiation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 1663-1665.	0.3	0
24	A methodology for determining the allowances for fitting footwear. <i>International Journal of Human Factors Modelling and Simulation</i> , 2011, 2, 341.	0.2	4
25	Getting to the bottom of footwear customization. <i>Journal of Systems Science and Systems Engineering</i> , 2011, 20, 310-322.	1.6	8
26	Center of Pressure Variations in High-Heeled Shoes. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 1640-1643.	0.3	1
27	Pressure thresholds of the human foot: measurement reliability and effects of stimulus characteristics. <i>Ergonomics</i> , 2011, 54, 282-293.	2.1	44
28	Footbed Influences on Posture and Perceived Feel. <i>Lecture Notes in Computer Science</i> , 2011, , 220-227.	1.3	0
29	The relationship between monochronicity, polychronicity and individual characteristics. <i>Behaviour and Information Technology</i> , 2010, 29, 187-198.	4.0	23
30	An indentation apparatus for evaluating discomfort and pain thresholds in conjunction with mechanical properties of foot tissue in vivo. <i>Journal of Rehabilitation Research and Development</i> , 2010, 47, 629.	1.6	30
31	Foot Arch Characterization. <i>Journal of the American Podiatric Medical Association</i> , 2010, 100, 14-24.	0.3	75
32	An automatic method of measuring foot girths for custom footwear using local RBF implicit surfaces. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 574-583.	4.6	6
33	Foot deformations under different load-bearing conditions and their relationships to stature and body weight. <i>Anthropological Science</i> , 2009, 117, 77-88.	0.4	59
34	A psychophysical model for predicting footwear fit. <i>Virtual Environments, Human-Computer Interfaces and Measurements Systems</i> , 2009 VECIMS '09 IEEE International Conference on, 2009, , .	0.0	1
35	A turning function based approach for foot outline classification. , 2009, , .		1
36	Effects of surface characteristics on the plantar shape of feet and subjects's perceived sensations. <i>Applied Ergonomics</i> , 2009, 40, 267-279.	3.1	49

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37	Effects of pen design on drawing and writing performance. Applied Ergonomics, 2009, 40, 292-301.	3.1	39
38	Pistol shooting accuracy as dependent on experience, eyes being opened and available viewing time. Applied Ergonomics, 2009, 40, 500-508.	3.1	33
39	Hand-skin temperature and tracking performance. International Journal of Industrial Ergonomics, 2009, 39, 590-595.	2.6	20
40	Footbed shapes for enhanced footwear comfort. Ergonomics, 2009, 52, 617-628.	2.1	41
41	The Pluses and Minuses of Obtaining Measurements from Digital Scans. Lecture Notes in Computer Science, 2009, , 681-690.	1.3	6
42	Computerized girth determination for custom footwear manufacture. Computers and Industrial Engineering, 2008, 54, 359-373.	6.3	38
43	Modelling foot height and foot shape-related dimensions. Ergonomics, 2008, 51, 1272-1289.	2.1	59
44	A qualitative study on the comfort and fit of ladies' dress shoes. Applied Ergonomics, 2007, 38, 687-696.	3.1	100
45	Locating Anatomical Points on Foot from 3D Point Cloud Data. , 2006, , .		2
46	A heuristic-based approach to optimize keyboard design for single-finger keying applications. International Journal of Industrial Ergonomics, 2006, 36, 695-704.	2.6	26
47	Foot measurements from three-dimensional scans: A comparison and evaluation of different methods. International Journal of Industrial Ergonomics, 2006, 36, 789-807.	2.6	137
48	Midfoot Shape when Standing on Soft and Hard Footbeds. Proceedings of the Human Factors and Ergonomics Society, 2006, 50, 1327-1331.	0.3	1
49	Time-related behaviour in multitasking situations. International Journal of Human Computer Studies, 2005, 62, 425-455.	5.6	41
50	3D foot shape generation from 2D information. Ergonomics, 2005, 48, 625-641.	2.1	53
51	Foot Shape Modeling. Human Factors, 2004, 46, 304-315.	3.5	56
52	A scale model for fitting object shapes from fixed location data. IIE Transactions, 2004, 36, 1099-1105.	2.1	5
53	Dimensional differences for evaluating the quality of footwear fit. Ergonomics, 2004, 47, 1301-1317.	2.1	106
54	Foot landmarking for footwear customization. Ergonomics, 2003, 46, 364-383.	2.1	59

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55	Footwear Fit Categorization. , 2003, , 491-499.		19
56	Visual search strategies and eye movements when searching Chinese character screens. International Journal of Human Computer Studies, 2002, 57, 447-468.	5.6	21
57	Simplified subjective workload assessment technique. Ergonomics, 2001, 44, 229-243.	2.1	96
58	A flexible encapsulated MEMS pressure sensor system for biomechanical applications. Microsystem Technologies, 2001, 7, 55-62.	2.0	43
59	A methodology to determine the optimum seat depth. International Journal of Industrial Ergonomics, 2001, 27, 207-217.	2.6	28
60	Effects of training and representational characteristics in icon design. International Journal of Human Computer Studies, 2001, 55, 741-760.	5.6	89
61	The Quality of Footwear Fit: What we know, don't know and should know. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 2-515-2-518.	0.3	28
62	Foot Flare and Foot Axis. Human Factors, 1999, 41, 596-607.	3.5	20
63	Footwear Cushioning: Relating Objective and Subjective Measurements. Human Factors, 1999, 41, 241-256.	3.5	41
64	Defining the Effect of the Languages and Modalities of Computer Icons for Chinese Users. Proceedings of the Human Factors and Ergonomics Society, 1999, 43, 1391-1391.	0.3	0
65	Memory Span: The Effect of Calculation Method and Presentation Mode. International Journal of Cognitive Ergonomics, 1999, 3, 271-287.	0.2	2
66	Forward sloping chair effects on spinal shape in the Hong Kong Chinese and Indian populations. International Journal of Industrial Ergonomics, 1999, 23, 9-21.	2.6	9
67	Technical Note - Legality of bowling actions in cricket. Ergonomics, 1999, 42, 1386-1397.	2.1	7
68	Target-Directed Head Movements in a Head-Coupled Virtual Environment: Predicting the Effects of Lags Using Fitts' Law. Human Factors, 1999, 41, 474-486.	3.5	20
69	Designing to Mimize Discomfort. Ergonomics in Design, 1998, 6, 12-19.	0.7	33
70	Effectiveness of Menu Orientation in Chinese. Human Factors, 1998, 40, 569-576.	3.5	20
71	What Does An Operator Need to Learn?. Proceedings of the Human Factors and Ergonomics Society, 1995, 39, 1284-1288.	0.3	1
72	Evaluation of control strategies in a complex space-vehicle control task: Effects of training type. Advances in Human Factors/Ergonomics, 1995, 20, 311-316.	0.1	0

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73	Perceived Differences in Running and Walking Shoes. Proceedings of the Human Factors and Ergonomics Society, 1995, 39, 336-340.	0.3	1
74	Contact Area Effects on Discomfort. Proceedings of the Human Factors and Ergonomics Society, 1994, 38, 688-690.	0.3	16
75	Shoe Cushioning and Related Material Properties. Proceedings of the Human Factors Society Annual Meeting, 1992, 36, 519-522.	0.1	0
76	Human optimization with moving optima. Ergonomics, 1989, 32, 1207-1226.	2.1	5
77	Nonisentropic propagation of sound in uniform ducts using Euler equations. AIAA Journal, 1986, 24, 1088-1094.	2.6	1
78	Viewing versus Experiencing in Adopting Somatosensory Technology for Smart Applications. Pacific Asia Journal of the Association for Information Systems, 0, , 21-46.	0.7	1