

Woojin Park

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

421
citations

933264

10
h-index

752573

20
g-index

34
all docs

34
docs citations

34
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity effect on male active joint range of motion. <i>Ergonomics</i> , 2010, 53, 102-108.	1.1	79
2	Obesity effect on perceived postural stress during static posture maintenance tasks. <i>Ergonomics</i> , 2009, 52, 1169-1182.	1.1	33
3	Severe obesity effect on low back biomechanical stress of manual load lifting. <i>Work</i> , 2015, 51, 337-348.	0.6	33
4	Developing and Evaluating a Mixed Sensor Smart Chair System for Real-Time Posture Classification: Combining Pressure and Distance Sensors. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1805-1813.	3.9	32
5	Body shape analyses of large persons in South Korea. <i>Ergonomics</i> , 2013, 56, 692-706.	1.1	30
6	A comparative evaluation of in-vehicle side view displays layouts in critical lane changing situation. <i>Ergonomics</i> , 2017, 60, 1682-1691.	1.1	27
7	Design heuristics set for X: A design aid for assistive product concept generation. <i>Design Studies</i> , 2018, 58, 89-126.	1.9	27
8	Pre-obesity and obesity impacts on passive joint range of motion. <i>Ergonomics</i> , 2018, 61, 1223-1231.	1.1	24
9	Functional requirements of automotive head-up displays: A systematic review of literature from 1994 to present. <i>Applied Ergonomics</i> , 2019, 76, 130-146.	1.7	22
10	Perceived Importance of Automotive HUD Information Items: a Study With Experienced HUD Users. <i>IEEE Access</i> , 2018, 6, 21901-21909.	2.6	18
11	A Study on User Experience of Automotive HUD Systems: Contexts of Information Use and User-Perceived Design Improvement Points. <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 1936-1946.	3.3	13
12	Evaluating the Effects of In-Vehicle Side-View Display Layout Design on Physical Demands of Driving. <i>Human Factors</i> , 2021, 63, 348-363.	2.1	10
13	Effects of backpack weight on the performance of basic short-term/working memory tasks during flat-surface standing. <i>Ergonomics</i> , 2019, 62, 548-564.	1.1	9
14	The relationship between perceived discomfort of static posture holding and posture holding time. <i>Work</i> , 2015, 52, 19-30.	0.6	7
15	Mitigating Design Fixation: A Visualization Tool for Enhancing Situation Awareness. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2021, 143, .	1.7	7
16	Manikin Families Representing Obese Airline Passengers in the US. <i>Journal of Healthcare Engineering</i> , 2014, 5, 479-504.	1.1	6
17	Application of a symbolic motion structure representation algorithm to identify upper extremity kinematic changes during a repetitive task. <i>Journal of Biomechanics</i> , 2018, 72, 235-240.	0.9	6
18	Subjective Evaluation of the Effect of Exoskeleton Robots for Rehabilitation Training. <i>IEEE Access</i> , 2021, 9, 130554-130561.	2.6	6

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19	Evaluating the utility of two gestural discomfort evaluation methods. PLoS ONE, 2017, 12, e0176123.	1.1	5
20	A Review on the Interface Design of Automotive Head-Up Displays for Communicating Safety-Related Information. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 2016-2017.	0.2	5
21	Human Factors Evaluation of an Ambient Display for Real-Time Posture Feedback to Sedentary Workers. IEEE Access, 2020, 8, 223405-223417.	2.6	4
22	Differences between obese and non-obese drivers in preferred vehicle interior components setting and driving posture. Ergonomics, 2017, 60, 731-742.	1.1	3
23	Development of Eye Blink Rate Level Classification System Utilizing Sitting Postural Behavior Data. IEEE Access, 2021, 9, 143677-143689.	2.6	3
24	Sex differences in perceived discomfort during seated static posture holding. Ergonomics, 2022, 65, 1711-1721.	1.1	3
25	The effect of backpack weight on the performance of basic short-term/working memory tasks while walking along a pre-determined route. Ergonomics, 2023, 66, 227-245.	1.1	3
26	An investigation on inter-individual variation in perceived discomfort of static posture holding. Work, 2015, 52, 123-136.	0.6	2
27	Obesity impacts on task performance and perceived discomfort during seated foot target reaches. Ergonomics, 2021, , 1-10.	1.1	1
28	Applying a Theory of Situation Awareness to Idea Generation: Mitigation of Design Fixation. Advances in Intelligent Systems and Computing, 2019, , 622-628.	0.5	1
29	Avatar-Based Human Posture Analysis and Workplace Design. Advances in Intelligent Systems and Computing, 2019, , 262-269.	0.5	1
30	Using Technologically Related Products From Other Domains as Inspirations for Technology-Push Product Concept Generation. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	1
31	A reach motion generation algorithm based on posture memories. Work, 2020, 65, 215-223.	0.6	0
32	Mode displaying mouse cursors for reducing input language mode confusion: Utility and user attitude evaluation. Applied Ergonomics, 2021, 90, 103170.	1.7	0
33	A Reach Motion Generation Algorithm Based on Posture Memory. Advances in Intelligent Systems and Computing, 2019, , 309-313.	0.5	0
34	Evaluating Postural Risk Level of Digitally Represented Workplace: Analyzing Postural Possibilities. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 872-873.	0.2	0