Clive D'Souza

List of Publications by Year
in descending order

59	560	759233 12	713466 21
papers	citations	h-index	g-index

62	62	62	422
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Impact of COVID-19 and Pandemic Mitigation Measures on Persons With Sensory Impairment. American Journal of Ophthalmology, 2022, 234, 49-58.	3.3	8
2	Occupational and Environmental Health Effects of Informal Electronic Waste Recycling â€“ A Focus on Agbogbloshie, Ghana. Lecture Notes in Networks and Systems, 2021, 222, 746-752.	0.7	2
3	Work-Related Exposures and Musculoskeletal Disorder Symptoms Among Informal E-Waste Recyclers at Agbogbloshie, Ghana. Lecture Notes in Networks and Systems, 2021, 222, 677-681.	0.7	3
4	Musculoskeletal Disorders in Unstructured, Unregulated Work: Assessment Methods and Injuries. Lecture Notes in Networks and Systems, 2021, 222, 720-727.	0.7	2
5	Musculoskeletal Disorder Symptoms among Workers at an Informal Electronic-Waste Recycling Site in Agbogbloshie, Ghana. International Journal of Environmental Research and Public Health, 2021, 18, 2055.	2.6	11
6	Wheeled Mobility Use on Accessible Fixed-Route Transit: A Field Study in Environmental Docility. International Journal of Environmental Research and Public Health, 2021, 18, 2840.	2.6	2
7	A preliminary assessment of physical work exposures among electronic waste workers at Agbogbloshie, Accra Ghana. International Journal of Industrial Ergonomics, 2021, 82, 103096.	2.6	16
8	Wearable inertial sensors for human movement analysis: a five-year update. Expert Review of Medical Devices, 2021, 18, 79-94.	2.8	48
9	Aging with a Disability. , 2021, , 225-250.		1
10	INVESTIGATING INCLUSIVE DESIGN OF SHARED AUTOMATED VEHICLES WITH FULL-SCALE MODELING. Proceedings of the Human Factors and Ergonomics Society, 2021, 64, 965-969.	0.3	0
11	Use of the International Classification of Functioning, Disability and Health to Measure Public Transportation Barriers among Older Adults. Proceedings of the Human Factors and Ergonomics Society, 2021, 64, 1171-1175.	0.3	0
12	Comparison of ergonomic risk factors and work-related musculoskeletal disorders among dismantler and burners of electronic waste in Agbogbloshie, Accra Ghana. Proceedings of the Human Factors and Ergonomics Society, 2021, 65, 715-719.	0.3	1
13	Accessibility Retrofit of a Shared Automated Vehicle: Challenges and Lessons Learned. Proceedings of the Human Factors and Ergonomics Society, 2021, 65, 385-389.	0.3	1
14	Evaluation of Preference- and Constraint-Sensitive Path Planning for Assisted Navigation in Indoor Building Environments. Journal of Computing in Civil Engineering, 2020, 34, 04019050.	4.7	12
15	Assessing the impact of COVID-19 on persons with disabilities: development of a novel survey. International Journal of Public Health, 2020, 65, 755-757.	2.3	20
16	Measuring Effects of Two-Handed Side and Anterior Load Carriage on Thoracic-Pelvic Coordination Using Wearable Gyroscopes. Sensors, 2020, 20, 5206.	3.8	5
17	A narrative review on contemporary and emerging uses of inertial sensing in occupational ergonomics. International Journal of Industrial Ergonomics, 2020, 76, 102937.	2.6	67
18	Effect of passenger encumbrance and mobility aid use on dwell time variability in low-floor transit vehicles. Transportation Research, Part A: Policy and Practice, 2020, 132, 872-881.	4.2	5

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19	Development of an observation-based tool for ergonomic exposure assessment in informal electronic waste recycling and other unregulated non-repetitive work. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 905-909.	0.3	6
20	Investigating Inclusive Design of Shared Automated Vehicles with Full-Scale Modeling. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 965-969.	0.3	5
21	Classifying Lifting-Lowering Height and Load Level using Inertial Sensor-derived Kinematics: An Initial Study. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 875-877.	0.3	2
22	An Exploratory Study of Encumbered Passengers on Fixed Route Buses. , 2020, 132, 872-881.		0
23	A Narrative Review on Contemporary and Emerging Uses of Inertial Sensing in Occupational Ergonomics. International Journal of Industrial Ergonomics, 2020, 76, 102937.	2.6	9
24	Upper extremity muscular load during carpet vacuuming with household upright cleaners. Applied Ergonomics, 2019, 79, 38-44.	3.1	11
25	Accessible Design of Low-Speed Automated Shuttles: A Brief Review of Lessons Learned from Public Transit. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 526-530.	0.3	7
26	Gender and Parity in Statistical Prediction of Anterior Carry Hand-Loads from Inertial Sensor Data. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1142-1146.	0.3	3
27	Processes and challenges associated with informal electronic waste recycling at Agbogbloshie, a suburb of Accra, Ghana. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 938-942.	0.3	25
28	Effects of Visual Stress on Postural Control during Simulated Laparoscopy: A Preliminary Study. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1062-1066.	0.3	1
29	Mapping Center Of Pressure during Standing Reach Tasks. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1008-1012.	0.3	0
30	Statistical prediction of load carriage mode and magnitude from inertial sensor derived gait kinematics. Applied Ergonomics, 2019, 76, 1-11.	3.1	28
31	Self-reported difficulty and preferences of wheeled mobility device users for simulated low-floor bus boarding, interior circulation and disembarking. Disability and Rehabilitation: Assistive Technology, 2019, 14, 109-121.	2.2	23
32	Accessible Design of Low-Speed Automated Shuttles: A Brief Review of Lessons Learned from Public Transit. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 526-530.	0.3	1
33	Accessibility Retrofit of a Shared Automated Vehicle: Challenges and Lessons Learned. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 526-530.	0.3	0
34	Preliminary Study of Obstacle Clearance and Compensatory Movements in Individuals with High Body Mass Index. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 388-392.	0.3	2
35	Modeling Hand Trajectories during Sequential Reach Movements in a Pulley Threading Task. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 823-827.	0.3	0
36	Upper extremity muscle activity during household floor vacuuming with upright cleaners. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1018-1021.	0.3	0

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37	Revisiting Clear Floor Area Requirements for Wheeled Mobility Device Users in Public Transportation. Transportation Research Record, 2018, 2672, 675-685.	1.9	9
38	Effects of transit bus interior configuration on performance of wheeled mobility users during simulated boarding and disembarking. Applied Ergonomics, 2017, 62, 94-106.	3.1	28
39	Spatial and Temporal Patterns in Sequential Precision Reach Movements. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 929-930.	0.3	1
40	Statistical Prediction of Hand Force Exertion Levels in a Simulated Push Task using Posture Kinematics. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 1031-1035.	0.3	3
41	Topics in Inclusive Design for the Graduate Human Factors Engineering Curriculum. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 403-406.	0.3	0
42	TOPICS IN INCLUSIVE DESIGN FOR THE GRADUATE HUMAN FACTORS ENGINEERING CURRICULUM. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 403-406.	0.3	0
43	Comparative Analysis of Inertial Sensor to Optical Motion Capture System Performance in Push-Pull Exertion Postures. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 970-974.	0.3	3
44	A Pilot Study of the Effects of Pulley Location and Design Parameters on Hand Movements during Pulley Threading Operations. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 908-912.	0.3	1
45	Usability Evaluation of Access Ramps in Transit Buses: Preliminary Findings. Journal of Public Transportation, 2016, 19, 109-127.	1.2	19
46	Ambulation Aid Use and User Performance for Transit Vehicle Interior Design. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 510-514.	0.3	3
47	Performance of Visually Impaired Users during Simulated Boarding and Alighting on Low-Floor Buses. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 656-660.	0.3	7
48	Clearance Space Envelopes of Wheeled Mobility Device Users for Computer Workstations. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 2373-2377.	0.3	1
49	Computer re-sampling for demographically representative user populations in anthropometry: a case of doorway and clear floor space widths. Work, 2012, 41, 4098-4101.	1.1	0
50	Low-floor bus design preferences of walking aid users during simulated boarding and alighting. Work, 2012, 41, 4951-4956.	1.1	13
51	Space Requirements for Wheeled Mobility Devices in Public Transportation: Analysis of Clear Floor Space Requirements. Transportation Research Record, 2010, 2145, 66-71.	1.9	16
52	Anthropometry and Standards for Wheeled Mobility: An International Comparison. Assistive Technology, 2010, 22, 51-67.	2.0	24
53	EMG activity of low back extensor muscles during cyclic flexion/extension. Journal of Electromyography and Kinesiology, 2010, 20, 742-749.	1.7	21
54	Clear Floor Area for Wheeled Mobility Users. Advances in Human Factors and Ergonomics Series, 2010, , 698-706.	0.2	2

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55	Comparison of Hand Grip Strength Between Wheeled Mobility Device Users and Non-Disabled Adults. Advances in Human Factors and Ergonomics Series, 2010, , 684-691.	0.2	2
56	Creep and Fatigue Development in the Low Back in Static Flexion. Spine, 2009, 34, 1873-1878.	2.0	66
57	3D Real-time FEM based guide wire simulator with force feedback. Studies in Health Technology and Informatics, 2005, 111, 50-3.	0.3	4
58	Accessibility and User Performance Modeling for Inclusive Transit Bus Design. SAE International Journal of Commercial Vehicles, 0, 7, 50-58.	0.4	4
59	Vehicle Performance Analysis of a Wheelchair Accessible Autonomous Electric Shuttle. , 0, , .		1