

# Mark E Benden

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

679  
citations

623734

14  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pediatric asthma hospitalization: individual and environmental characteristics of high utilizers in South Texas. <i>Journal of Asthma</i> , 2022, 59, 94-104.	1.7	6
2	Impact of workplace displacement during a natural disaster on computer performance metrics: A 2-year interrupted time series analysis. <i>Work</i> , 2022, 71, 465-470.	1.1	1
3	Will college students take a stand? Effects of health orientations on purchase decision factors for standing desks. <i>Journal of Product and Brand Management</i> , 2021, 30, 949-963.	4.3	2
4	Health-related consequences of the type and utilization rates of electronic devices by college students. <i>BMC Public Health</i> , 2021, 21, 1970.	2.9	4
5	Lingual and non-lingual safety training methodology effectiveness: Does language of origin impact effectiveness. <i>International Journal of Industrial Ergonomics</i> , 2021, 86, 103183.	2.6	0
6	Stand-Biased Desk Intervention on Sleep Quality of High School Students: A Pilot Study Using Tri-Axial Accelerometry. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 37.	2.6	3
7	Effect of Ambient Air Pollution on Hospital Readmissions among the Pediatric Asthma Patient Population in South Texas: A Case-Crossover Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4846.	2.6	9
8	Association between Ambient Air Pollution and Hospital Length of Stay among Children with Asthma in South Texas. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3812.	2.6	16
9	Smart Software Can Increase Sit-Stand Desk Transitions During Active Computer Use. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2438.	2.6	2
10	Instrumental variable approach to estimating the scalar function regression model with measurement error with application to energy expenditure assessment in childhood obesity. <i>Statistics in Medicine</i> , 2019, 38, 3764-3781.	1.6	7
11	Computer-based Prompt's impact on postural variability and sit-stand desk usage behavior; a cluster randomized control trial. <i>Applied Ergonomics</i> , 2019, 79, 17-24.	3.1	13
12	Development of the Fatigue Risk Assessment and Management in High-Risk Environments (FRAME) Survey: A Participatory Approach. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 522.	2.6	13
13	Sit-Stand Desk Software Can Now Monitor and Prompt Office Workers to Change Health Behaviors. <i>Human Factors</i> , 2019, 61, 816-824.	3.5	16
14	A Quantitative Evaluation of Electric Sit-Stand Desk Usage: 3-Month In-Situ Workplace Study. <i>IIEE Transactions on Occupational Ergonomics and Human Factors</i> , 2018, 6, 76-83.	0.8	2
15	Addendum: Mehta et al. Standing Up for Learning: A Pilot Investigation on the Neurocognitive Benefits of Stand-Biased School Desks. <i>Int. J. Environ. Res. Public Health</i> 2016, 13(1), 59; doi:10.3390/ijerph13010059. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 532.	2.6	1
16	Physical activity and associated medical cost savings among at-risk older adults participating a community-based health & wellness program. <i>PLoS ONE</i> , 2018, 13, e0198239.	2.5	10
17	Wendel and Benden Respond. <i>American Journal of Public Health</i> , 2017, 107, e4-e5.	2.7	0
18	Assessing physical activity among young adults attending a university: the role of sex, race/ethnicity, technology use, and sleep. <i>BMC Public Health</i> , 2017, 17, 721.	2.9	33

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19	Standing Up for Learning: A Pilot Investigation on the Neurocognitive Benefits of Stand-Biased School Desks. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 59.	2.6	56
20	Call Center Productivity Over 6 Months Following a Standing Desk Intervention. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2016, 4, 188-195.	0.4	30
21	Obesity-specific neural cost of maintaining gait performance under complex conditions in community-dwelling older adults. <i>Clinical Biomechanics</i> , 2016, 35, 42-48.	1.2	29
22	Stand-Biased Versus Seated Classrooms and Childhood Obesity: A Randomized Experiment in Texas. <i>American Journal of Public Health</i> , 2016, 106, 1849-1854.	2.7	20
23	Evaluation of Vibrotactile Warning Systems for Supporting Hazard Awareness and Safety of Distracted Pedestrians. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2016, 4, 222-235.	0.4	5
24	Stand-capable desk use in a call center: a six-month follow-up pilot study. <i>Public Health</i> , 2016, 135, 131-134.	2.9	13
25	Standing Classrooms: Research and Lessons Learned from Around the World. <i>Sports Medicine</i> , 2016, 46, 977-987.	6.5	61
26	Use of Stand-Biased Desks to Reduce Sedentary Time in High School Students: A Pilot Study. <i>International Journal of Child Health and Nutrition</i> , 2016, 5, 75-78.	0.1	5
27	New ANSI/BIFMA Standard for Testing of Educational Seating. <i>Ergonomics in Design</i> , 2015, 23, 23-27.	0.7	5
28	The effect of stand-biased desks on academic engagement: an exploratory study. <i>International Journal of Health Promotion and Education</i> , 2015, 53, 271-280.	0.9	40
29	The Evaluation of the Impact of a Stand-Biased Desk on Energy Expenditure and Physical Activity for Elementary School Students. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 9361-9375.	2.6	53
30	The Safe Day Call: Reducing Silos in Health Care Through Frontline Risk Assessment. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2014, 40, 476-AP1.	0.7	5
31	Curriculum Development for HF/E Graduate Students. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 452-456.	0.3	2
32	Evaluating a school based childhood obesity intervention for posture and comfort. <i>Health</i> , 2013, 05, 54-60.	0.3	15
33	A New Method for Selecting the Best Design. <i>Ergonomics in Design</i> , 2012, 20, 11-17.	0.7	0
34	Using Stand/Sit Workstations in Classrooms. <i>Journal of Public Health Management and Practice</i> , 2012, 18, 412-415.	1.4	40
35	Ergonomics Principles Associated With Laparoscopic Surgeon Injury/Illness. <i>Human Factors</i> , 2012, 54, 1087-1092.	3.5	78
36	An In Situ Study of the Habits of Users That Affect Office Chair Design and Testing. <i>Human Factors</i> , 2011, 53, 38-49.	3.5	4

#	ARTICLE	IF	CITATIONS
37	The Impact of Stand-Biased Desks in Classrooms on Calorie Expenditure in Children. American Journal of Public Health, 2011, 101, 1433-1436.	2.7	68
38	The association of physical activity, sedentary behaviors, and body mass index classification in a cross-sectional analysis: are the effects homogenous?. BMC Public Health, 2011, 11, 926.	2.9	9
39	Creating the Painless Inspection Station: Reduction in cumulative trauma disorders convinces managers to phase in new workstations. Ergonomics in Design, 1994, 2, 22-29.	0.7	2