

Peter vink

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

2,986
citations

32
h-index

50
g-index

195
ext. papers

3,366
ext. citations

2.4
avg, IF

5.38
L-index

#	Paper	IF	Citations
183	Ergonomics 4.0: Human-Centered Procedure for Ergonomic Design Using Virtual Reality Prototyping. <i>Incose International Symposium</i> , 2022 , 32, 195-211	0.4	1
182	A Human-Centered Design Procedure for Conceptualization Using Virtual Reality Prototyping Applied in an Inflight Lavatory. <i>Lecture Notes in Networks and Systems</i> , 2022 , 387-393	0.5	
181	Seat-Human Interaction and Perception: A Multi-factorial-Problem. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2021 , 1-30	0.4	
180	The effect of 17-inch-wide and 18-inch-wide airplane passenger seats on comfort. <i>International Journal of Industrial Ergonomics</i> , 2021 , 82, 103097	2.9	0
179	Developments in work-related upper limb disorders (WRULD) amongst Dutch university students from 2004 to 2014. <i>Work</i> , 2021 , 69, 379-394	1.6	
178	DESIGNING A SHAPED SEAT-PAN CUSHION TO IMPROVE POSTURAL (DIS)COMFORT REDUCING PRESSURE DISTRIBUTION AND INCREASING CONTACT AREA AT THE INTERFACE. <i>Proceedings of the Design Society</i> , 2021 , 1, 1113-1122		1
177	Implementing spring-foam technology to design a lightweight and comfortable aircraft seat-pan. <i>Applied Ergonomics</i> , 2021 , 91, 103174	4.2	4
176	Differences and similarities in comfort and discomfort experience in nine countries in Asia, the Americas and Europe. <i>Ergonomics</i> , 2021 , 64, 553-570	2.9	2
175	PCQ: Preferred Comfort Questionnaires for product design. <i>Work</i> , 2021 , 68, S19-S28	1.6	3
174	The effect of the standing angle on reducing fatigue among prolonged standing workers. <i>Work</i> , 2021 , 68, S281-S287	1.6	1
173	Human behaviour should be recorded in (dis)comfort research. <i>Work</i> , 2021 , 68, S289-S294	1.6	1
172	Designing a floor plan using aircraft seat comfort knowledge by aircraft interior experts. <i>Work</i> , 2021 , 68, S7-S18	1.6	
171	Passenger Activities, Postures, Dis(Comfort) Perception, and Needs During Train Travel. <i>Lecture Notes in Networks and Systems</i> , 2021 , 393-400	0.5	
170	A Future Patient Transporting Drone Evaluated. <i>Lecture Notes in Networks and Systems</i> , 2021 , 397-403	0.5	
169	Seat pitch and comfort of a staggered seat configuration. <i>Work</i> , 2021 , 68, S151-S159	1.6	1
168	Discomfort Threshold Evaluation for Hand and Elbow Regions: A Basis for Hand-Held Device Design. <i>Lecture Notes in Networks and Systems</i> , 2021 , 649-657	0.5	
167	Effect of scent on comfort of aircraft passengers. <i>Work</i> , 2021 , 68, S273-S280	1.6	3

166	Concept evaluation of a new aircraft passenger privacy bubble using virtual prototyping: A Human-Centered Design framework. <i>Work</i> , 2021 , 68, S231-S238	1.6	1
165	Identify dominant dimensions of 3D hand shapes using statistical shape model and deep neural network. <i>Applied Ergonomics</i> , 2021 , 96, 103462	4.2	2
164	Flat Cushion vs Shaped Cushion: Comparison in Terms of Pressure Distribution and Postural Perceived Discomfort. <i>Lecture Notes in Networks and Systems</i> , 2021 , 247-254	0.5	
163	Desktop lighting for comfortable use of a computer screen. <i>Work</i> , 2021 , 68, S209-S221	1.6	1
162	Comfort and discomfort during smartphone use on a bed. <i>Work</i> , 2021 , 68, S245-S249	1.6	0
161	A Staggered Seat is Beneficial for the Flying V Aircraft. <i>Lecture Notes in Networks and Systems</i> , 2021 , 184-190	0.5	
160	Perceived onboard passengers' experience: Flight attendants' point of view. <i>Work</i> , 2021 , 68, S239-S243	1.6	1
159	The effect of aircraft seat pitch on comfort. <i>Applied Ergonomics</i> , 2020 , 88, 103132	4.2	7
158	Soft Robotic Module for Sensing and Controlling Contact Force 2020 ,		3
157	A system to measure seat-human interaction parameters which might be comfort relevant. <i>Applied Ergonomics</i> , 2020 , 84, 103008	4.2	3
156	Integrating and applying models of comfort. <i>Applied Ergonomics</i> , 2020 , 82, 102917	4.2	18
155	Identifying bottlenecks and designing ideas and solutions for improving aircraft passengers' experience during boarding and disembarking. <i>Applied Ergonomics</i> , 2019 , 77, 16-21	4.2	4
154	Neck posture and muscle activity in a reclined business class aircraft seat watching IFE with and without head support. <i>Applied Ergonomics</i> , 2019 , 79, 25-37	4.2	16
153	Towards comfortable communication in future vehicles. <i>Applied Ergonomics</i> , 2019 , 78, 210-216	4.2	9
152	Future vehicles: the effect of seat configuration on posture and quality of conversation. <i>Ergonomics</i> , 2019 , 62, 1400-1414	2.9	3
151	Designing aircraft seats to fit the human body contour 2019 , 781-789		2
150	How Does the Seat Cover Influence the Seat Comfort Evaluation?. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 709-717	0.4	2
149	The Relationship of Space Experience and Human Anthropometric Sizes in Aircraft Seat Pitch. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 504-511	0.4	

148	Improving Airplane Boarding Time by Illumination Guidance. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 220-224	0.4	
147	An aircraft seat discomfort scale using item response theory. <i>Applied Ergonomics</i> , 2019 , 77, 1-8	4.2	11
146	The effect of posture, pressure and load distribution on (dis)comfort perceived by students seated on school chairs. <i>International Journal on Interactive Design and Manufacturing</i> , 2018 , 12, 1179-1188	1.9	11
145	Expected versus experienced neck comfort. <i>Human Factors and Ergonomics in Manufacturing</i> , 2018 , 28, 29-37	1.4	6
144	Effect of in-seat exercising on comfort perception of airplane passengers. <i>Applied Ergonomics</i> , 2018 , 73, 7-12	4.2	16
143	Evaluating an mHealth App for Health and Well-Being at Work: Mixed-Method Qualitative Study. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e72	5.5	20
142	Behavior Change Techniques in mHealth Apps for the Mental and Physical Health of Employees: Systematic Assessment. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e167	5.5	18
141	Visual customization: Diversity in color preferences in the automotive interior and implications for interior design. <i>Color Research and Application</i> , 2018 , 43, 471-488	1.3	1
140	Thirty years of anthropometric changes relevant to the width and depth of transportation seating spaces, present and future. <i>Applied Ergonomics</i> , 2017 , 65, 130-138	4.2	30
139	Design and validation of an aircraft seat comfort scale using item response theory. <i>Applied Ergonomics</i> , 2017 , 62, 216-226	4.2	17
138	Sensitivity of the human back and buttocks: The missing link in comfort seat design. <i>Applied Ergonomics</i> , 2017 , 58, 287-292	4.2	40
137	The effect of human-mattress interface's temperature on perceived thermal comfort. <i>Applied Ergonomics</i> , 2017 , 58, 334-341	4.2	19
136	Predicting passenger seat comfort and discomfort on the basis of human, context and seat characteristics: a literature review. <i>Ergonomics</i> , 2017 , 60, 889-911	2.9	59
135	The high and low comfort peaks in passengers' flight. <i>Work</i> , 2017 , 58, 579-584	1.6	8
134	Flow experience influenced by car adjustments. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016 , 36, 46-56	4.5	2
133	Modeling the relationship between the environment and human experiences. <i>Work</i> , 2016 , 54, 765-71	1.6	6
132	Posture variation in a car within the restrictions of the driving task. <i>Work</i> , 2016 , 54, 887-94	1.6	8
131	Attitudes towards personal and shared space during the flight. <i>Work</i> , 2016 , 54, 981-7	1.6	21

130	Interior effects on comfort in healthcare waiting areas. <i>Work</i> , 2016 , 54, 791-806	1.6	9
129	Exploring the design of a lightweight, sustainable and comfortable aircraft seat. <i>Work</i> , 2016 , 54, 941-54	1.6	6
128	Application of ideal pressure distribution in development process of automobile seats. <i>Work</i> , 2016 , 54, 895-904	1.6	13
127	Are seat design processes of students similar to those of professionals?. <i>Work</i> , 2016 , 54, 1001-7	1.6	2
126	Improvement of the Stolwijk model with regard to clothing, thermal sensation and skin temperature. <i>Work</i> , 2016 , 54, 1009-24	1.6	5
125	Don't forget time in environmental design1. <i>Work</i> , 2016 , 54, 1025-9	1.6	3
124	An estimation of the human head, neck and back contour in an aircraft seat. <i>Work</i> , 2016 , 54, 913-23	1.6	5
123	Functional customization: Value creation by individual storage elements in the car interior. <i>Work</i> , 2016 , 54, 873-85	1.6	4
122	Can Prior Experience Influence Seating Comfort Ratings?. <i>Ergonomics in Design</i> , 2016 , 24, 16-20	1.4	3
121	Work Movements: Balance Between Freedom and Guidance on an Assembly Task in a Furniture Manufacturer. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 503-511	0.4	2
120	Corporate Ergonomics Programs: Identifying Value through a Company Award Process. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2015 , 3, 9-23		3
119	Color preferences for different topics in connection to personal characteristics. <i>Color Research and Application</i> , 2015 , 40, 62-71	1.3	33
118	The influence of active seating on car passengers' perceived comfort and activity levels. <i>Applied Ergonomics</i> , 2015 , 47, 211-9	4.2	40
117	Comfortable mobile offices: A literature review of the ergonomic aspects of mobile device use in transportation settings. <i>Work</i> , 2015 , 52, 279-87	1.6	4
116	An empirical description of the dispersion of 5th and 95th percentiles in worldwide anthropometric data applied to estimating accommodation with unknown correlation values. <i>Work</i> , 2015 , 52, 3-10	1.6	6
115	Access improvement to aircraft passengers' hand luggage. <i>Work</i> , 2015 , 50, 659-67	1.6	4
114	The Smart Steering Wheel Cover Design: A Case Study of Industrial-Academic Collaboration in Human-Computer Interaction. <i>Lecture Notes in Computer Science</i> , 2015 , 688-698	0.9	2
113	Ergonomic Risk and Homogeneous Exposure Groups. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 1551-1555	0.4	1

112	Pleasure, Arousal, Dominance: Mehrabian and Russell revisited. <i>Current Psychology</i> , 2014 , 33, 405-421	1.4	118
111	The use of questionnaires in colour research in real-life settings: in search of validity and methodological pitfalls. <i>Theoretical Issues in Ergonomics Science</i> , 2014 , 15, 464-478	2.2	3
110	Improving car passengers' comfort and experience by supporting the use of handheld devices. <i>Work</i> , 2014 , 49, 215-23	1.6	10
109	Aircraft Seat in- and Egress Differences between Elderly and Young Adults. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 520-524	0.4	2
108	Activities, postures and comfort perception of train passengers as input for train seat design. <i>Ergonomics</i> , 2014 , 57, 1154-65	2.9	26
107	Reaction on the paper Reliability and validity of findings in ergonomics research of Kanis (2013). <i>Theoretical Issues in Ergonomics Science</i> , 2014 , 15, 47-49	2.2	1
106	Survey Results for Rural Bus Rapid Transit (BRT) VelociRFTA and Future Human Factor Considerations. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 1224-1228	0.4	1
105	A method superior to adding percentiles when only limited anthropometric data such as percentile tables are available for design models. <i>Applied Ergonomics</i> , 2014 , 45, 1392-8	4.2	2
104	Red or blue meeting rooms: does it matter?. <i>Facilities</i> , 2013 , 31, 68-83	2.2	17
103	New ways of working: does flexibility in time and location of work change work behavior and affect business outcomes?. <i>Work</i> , 2012 , 41 Suppl 1, 5075-80	1.6	14
102	The amount of ergonomics and user involvement in 151 design processes. <i>Work</i> , 2012 , 41 Suppl 1, 989-996	1.6	1
101	Examining new ways of office work between the Netherlands and the USA. <i>Work</i> , 2012 , 41 Suppl 1, 5086-90	1.6	7
100	The effects of new ways of work in the Netherlands: national data and a case study. <i>Work</i> , 2012 , 41 Suppl 1, 2600-4	1.6	
99	The effects of new ways of work in the Netherlands: national data and a case study. <i>Work</i> , 2012 , 41 Suppl 1, 5081-5	1.6	4
98	Expectation changes and team characteristics in a participatory design process. <i>Work</i> , 2012 , 41 Suppl 1, 2616-24	1.6	
97	Expectation changes and team characteristics in a participatory design process. <i>Work</i> , 2012 , 41 Suppl 1, 5099-107	1.6	
96	Participatory ergonomics and new work: reducing neck complaints in assembling. <i>Work</i> , 2012 , 41 Suppl 1, 5108-13	1.6	7
95	Technical note: spine loading in automotive seating. <i>Applied Ergonomics</i> , 2012 , 43, 290-5	4.2	65

94	Comparison of four specific dynamic office chairs with a conventional office chair: impact upon muscle activation, physical activity and posture. <i>Applied Ergonomics</i> , 2012 , 43, 296-307	4.2	90
93	Possibilities to improve the aircraft interior comfort experience. <i>Applied Ergonomics</i> , 2012 , 43, 354-9	4.2	101
92	New Ways of Working: does flexibility in time and location of work change work behavior and affect business outcomes?. <i>Work</i> , 2012 , 41 Suppl 1, 2605-10	1.6	28
91	Three experiments to support the design of lightweight comfortable vehicle seats. <i>Work</i> , 2012 , 41 Suppl 1, 1466-70	1.6	11
90	The effect of a lightweight massage system in a car seat on comfort and electromyogram. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2011 , 34, 107-13	1.3	13
89	The aircraft interior comfort experience of 10,032 passengers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011 , 55, 579-583	0.4	4
88	Chosen postures during specific sitting activities. <i>Ergonomics</i> , 2011 , 54, 1029-42	2.9	35
87	A light weight car seat shaped by human body contour. <i>International Journal of Human Factors Modelling and Simulation</i> , 2011 , 2, 314	1.3	13
86	New Ways of Working: A Proposed Framework and Literature Review. <i>Lecture Notes in Computer Science</i> , 2011 , 3-12	0.9	11
85	A tool for early workstation design for small and medium enterprises evaluated in five cases. <i>Human Factors and Ergonomics in Manufacturing</i> , 2010 , 20, 300-315	1.4	14
84	Cost-effectiveness of ergonomic interventions in production. <i>Human Factors and Ergonomics in Manufacturing</i> , 2010 , 20, 316-323	1.4	17
83	Participatory ergonomics in a mobile factory. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 1-9		
82	Participatory Ergonomics in a Mobile Factory: Ergonomic Device to Decrease Neck Pain. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 1-9		
81	User demands for new mixed reality tools, first results of the ManuVAR project. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 442-451		
80	Influences of Office Tasks on Body Dynamics using Dynamic Office Chairs. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 452-461		
79	Influences of office tasks on body dynamics using dynamic office chairs. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 452-461		
78	Selling human factors and ergonomics in a successful way: Creating enthusiasm for ergonomics. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 84-89		
77	Innovative ways of working. <i>Advances in Human Factors and Ergonomics Series</i> , 2010 , 218-227		

76	Effects of differences in office chair controls, seat and backrest angle design in relation to tasks. <i>Applied Ergonomics</i> , 2009 , 40, 362-70	4.2	62
75	Application of the QFD as a design approach to ensure comfort in using hand tools: can the design team complete the House of Quality appropriately?. <i>Applied Ergonomics</i> , 2009 , 40, 519-26	4.2	21
74	Participatory ergonomics generates new product to assist rural workers in greenhouses. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2009 , 53, 1282-1285	0.4	1
73	Using both qualitative and quantitative types of research to design a comfortable television chair. <i>Journal of Design Research</i> , 2009 , 8, 87	0.5	9
72	Varying the Office Work Posture between Standing, Half-Standing and Sitting Results in Less Discomfort. <i>Lecture Notes in Computer Science</i> , 2009 , 115-120	0.9	14
71	Usage of Office Chair Adjustments and Controls by Workers Having Shared and Owned Work Spaces. <i>Lecture Notes in Computer Science</i> , 2009 , 23-28	0.9	2
70	Disc Pressure Effects on the Spine, Influenced by Extra Equipment and a Massage System in Car Seats. <i>SAE International Journal of Passenger Cars - Mechanical Systems</i> , 2008 , 1, 768-774	0.3	2
69	The Influence of a Massage Car Seat on Comfort Experience and EMG 2008 ,		4
68	CRUCIAL ELEMENTS OF DESIGNING FOR COMFORT 2008 , 441-460		1
67	Defining stakeholder involvement in participatory design processes. <i>Applied Ergonomics</i> , 2008 , 39, 519-26	4.2	96
66	The Influence of Project Duration and Focus on Involvement in Participatory Processes. <i>Contributions To Management Science</i> , 2008 , 153-169	0.4	1
65	The effect of a participative product design process on user performance. <i>Safety Science</i> , 2007 , 45, 567-578	4.2	7
64	Association between objective and subjective measurements of comfort and discomfort in hand tools. <i>Applied Ergonomics</i> , 2007 , 38, 643-54	4.2	63
63	Comfort predictors for different kinds of hand tools: Differences and similarities. <i>International Journal of Industrial Ergonomics</i> , 2007 , 37, 73-84	2.9	40
62	Office chairs are often not adjusted by end-users. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2007 , 51, 1015-1019	0.4	8
61	Effects of the Office Environment on Health and Productivity 1: Effects of Coffee Corner Position. <i>Lecture Notes in Computer Science</i> , 2007 , 157-162	0.9	1
60	Effects of the Office Environment on Health and Productivity 1: Auditory and Visual Distraction. <i>Lecture Notes in Computer Science</i> , 2007 , 26-33	0.9	6
59	Effects of Using Dynamic Office Chairs on Posture and EMG in Standardized Office Tasks. <i>Lecture Notes in Computer Science</i> , 2007 , 34-42	0.9	5

58	Positive outcomes of participatory ergonomics in terms of greater comfort and higher productivity. <i>Applied Ergonomics</i> , 2006 , 37, 537-46	4.2	132
57	Identifying predictors of comfort and discomfort in using hand tools. <i>Ergonomics</i> , 2005 , 48, 692-702	2.9	41
56	Enhancing the impact of ergonomics interventions. <i>Ergonomics</i> , 2005 , 48, 559-80	2.9	46
55	Changing from batch to flow assembly in the production of emergency lighting devices. <i>International Journal of Production Research</i> , 2005 , 43, 3687-3701	7.8	20
54	Ergonomics and safety of manual bag sealing. <i>International Journal of Occupational Safety and Ergonomics</i> , 2005 , 11, 331-7	2.1	1
53	Implementation of participatory ergonomics intervention in construction companies. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005 , 31, 191-204	4.3	39
52	One set of pliers for more tasks in installation work: the effects on (dis)comfort and productivity. <i>Applied Ergonomics</i> , 2004 , 35, 485-92	4.2	34
51	Identifying factors of comfort in using hand tools. <i>Applied Ergonomics</i> , 2004 , 35, 453-8	4.2	96
50	Comfort Experience 2004 , 1-12		3
49	Participatory Ergonomics and Comfort 2004 , 41-54		
48	Comfort through an Emotion-Aware Office Chair 2004 , 169-180		
47	Discomfort and Productivity in Improved Bricklaying 2004 , 55-72		
46	Reducing Discomfort in Work with New Products for Glaziers 2004 , 73-84		
45	Reducing Discomfort in Installation Work 2004 , 85-93		
44	Comfortable View in an Earth-Moving Machine of 2015 2004 , 229-238		
43	Reducing Discomfort in Office Work 2004 , 95-109		
42	Theory of Comfort 2004 , 13-32		1
41	Reasons for applying innovations for scaffolding work. <i>International Journal of Occupational Safety and Ergonomics</i> , 2003 , 9, 161-75	2.1	3

40	Reasons for adopting technological innovations reducing physical workload in bricklaying. <i>Ergonomics</i> , 2003 , 46, 1091-108	2.9	16
39	Aspects to improve cabin comfort of wheel loaders and excavators according to operators. <i>Applied Ergonomics</i> , 2003 , 34, 265-71	4.2	36
38	Participatory ergonomics applied in installation work. <i>Applied Ergonomics</i> , 2002 , 33, 439-48	4.2	65
37	Physical effects of new devices for bricklayers. <i>International Journal of Occupational Safety and Ergonomics</i> , 2002 , 8, 71-82	2.1	24
36	ERGOTOOL for the integral improvement of ergonomics and process flow in assembly. <i>International Journal of Production Research</i> , 2002 , 40, 3973-3980	7.8	8
35	Validating a framework for participatory ergonomics (the PEF). <i>Ergonomics</i> , 2002 , 45, 309-27	2.9	185
34	The E/S Tool IT-Support for Ergonomic and Sociotechnical System Design. <i>Lecture Notes in Computer Science</i> , 2002 , 67-80	0.9	
33	Participation: The Key to Intelligent Manufacturing Improvement. <i>Lecture Notes in Computer Science</i> , 2002 , 1-9	0.9	
32	Towards successful physical stress reducing products: an evaluation of seven cases. <i>Applied Ergonomics</i> , 2001 , 32, 525-34	4.2	39
31	The adoption of technological innovations for glaziers; evaluation of a participatory ergonomics approach. <i>International Journal of Industrial Ergonomics</i> , 2000 , 26, 39-46	2.9	32
30	Testing the resistance to oxidation of polypropylene geotextiles at enhanced oxygen pressures. <i>Geotextiles and Geomembranes</i> , 2000 , 18, 333-343	5.2	21
29	Towards Comfortable and Efficient Man-Machine Interaction in the Cabins of Vehicles. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000 , 44, 3-340-3-340	0.4	3
28	Cases in stress prevention: the success of a participative and stepwise approach. <i>Stress and Health</i> , 1998 , 14, 155-168		91
27	Improving office work: a participatory ergonomic experiment in a naturalistic setting. <i>Ergonomics</i> , 1997 , 40, 435-49	2.9	36
26	A participatory ergonomics approach to redesign work of scaffolders. <i>Safety Science</i> , 1997 , 26, 75-85	5.8	33
25	Formulation parameters influencing self-stratification of coatings. <i>Progress in Organic Coatings</i> , 1996 , 28, 173-181	4.8	36
24	UV stability of water-borne acrylic coatings. <i>Polymer Degradation and Stability</i> , 1995 , 48, 155-160	4.7	9
23	A participatory ergonomics approach to reduce mental and physical workload. <i>International Journal of Industrial Ergonomics</i> , 1995 , 15, 389-396	2.9	64

22	Evaluation of a sitting aid: the back-up. <i>Applied Ergonomics</i> , 1994 , 25, 170-6	4.2	4
21	Rapid Communication Experiences in participatory ergonomics: results of a roundtable session during the 11th IEA Congress, Paris, July 1991. <i>Ergonomics</i> , 1992 , 35, 123-127	2.9	18
20	Decrease in back strength in asymmetric trunk postures. <i>Ergonomics</i> , 1992 , 35, 405-16	2.9	18
19	Application problems of a biomechanical model in improving roofwork. <i>Applied Ergonomics</i> , 1992 , 23, 177-80	4.2	3
18	Ultra-violet degradation of polypropylene: 1. Degradation profile and thickness of the embrittled surface layer. <i>Polymer</i> , 1991 , 32, 432-437	3.9	66
17	Bricklaying: a step by step approach to better work. <i>Ergonomics</i> , 1990 , 33, 349-352	2.9	16
16	A method to study the lumbar back muscle activity to be used in back pain prevention: Thesis summary. <i>Clinical Biomechanics</i> , 1990 , 5, 51-2	2.2	1
15	Elastic strain energy in the low back muscles during human walking. <i>Anatomy and Embryology</i> , 1989 , 180, 99-101		3
14	Specificity of surface-EMG on the intrinsic lumbar back muscles. <i>Human Movement Science</i> , 1989 , 8, 67-78	2.4	37
13	Leg length inequality, pelvic tilt and lumbar back muscle activity during standing. <i>Clinical Biomechanics</i> , 1989 , 4, 115-7	2.2	13
12	A technique for measuring pelvic rotations during walking on a treadmill. <i>IEEE Transactions on Biomedical Engineering</i> , 1988 , 35, 485-8	5	5
11	Low back muscle activity and pelvic rotation during walking. <i>Anatomy and Embryology</i> , 1988 , 178, 455-60		14
10	A functional subdivision of the lumbar extensor musculature. Recruitment patterns and force-RA-EMG relationships under isometric conditions. <i>Electromyography and Clinical Neurophysiology</i> , 1987 , 27, 517-25		15
9	Lumbar back muscle activity during walking with a leg inequality. <i>Acta Morphologica Neerlando-Scandinavica</i> , 1987 , 25, 261-71		7
8	The stabilising function of the mm. iliocostales and the mm. multifidi during walking. <i>Journal of Anatomy</i> , 1985 , 140 (Pt 2), 329-36	2.9	9
7	The photo-oxidation of polyolefins containing a hindered piperidine compound. <i>Polymer Degradation and Stability</i> , 1982 , 4, 51-57	4.7	8
6	A larger statistical basis and a wider application area of a re-derived PPD equation in the (NEN-)EN-ISO 7730 model. <i>Intelligent Buildings International</i> , 1-5	1.7	
5	Improving airplane boarding time: a review, a field study and an experiment with a new way of hand luggage stowing. <i>International Journal of Aviation, Aeronautics, and Aerospace</i> ,		2

4	Ranking of Human Senses in Relation to Different In-flight Activities Contributing to the Comfort Experience of Airplane Passengers. <i>International Journal of Aviation, Aeronautics, and Aerospace</i> ,	4
3	Evaluating an mHealth App for Health and Well-Being at Work: Mixed-Method Qualitative Study	2
2	A larger statistical basis and a wider application area of the PMV equation in the Fanger model: application area of the PMV equation. <i>Intelligent Buildings International</i> ,1-8	1.7
1	A transient thermal sensation equation fit for the modified Stolwijk model. <i>Intelligent Buildings International</i> ,1-14	1.7 1