

# RafaÅ, Michalski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2781228/publications.pdf>

Version: 2024-02-01

35  
papers

298  
citations

933447

10  
h-index

940533

16  
g-index

38  
all docs

38  
docs citations

38  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of background color, interletter spacing, and font size on preferences in the digital presentation of a product. <i>Computers in Human Behavior</i> , 2015, 43, 85-100.	8.5	44
2	The effects of graphical interface design characteristics on human-computer interaction task efficiency. <i>International Journal of Industrial Ergonomics</i> , 2006, 36, 959-977.	2.6	36
3	A novel version of simulated annealing based on linguistic patterns for solving facility layout problems. <i>Knowledge-Based Systems</i> , 2017, 124, 55-69.	7.1	28
4	The role of colour preattentive processing in human-computer interaction task efficiency: A preliminary study. <i>International Journal of Industrial Ergonomics</i> , 2008, 38, 321-332.	2.6	26
5	Application of hidden Markov models to eye tracking data analysis of visual quality inspection operations. <i>Central European Journal of Operations Research</i> , 2020, 28, 761-777.	1.8	24
6	Various approaches to a human preference analysis in a digital signage display design. <i>Human Factors and Ergonomics in Manufacturing</i> , 2011, 21, 529-542.	2.7	18
7	The influence of color grouping on users' visual search behavior and preferences. <i>Displays</i> , 2014, 35, 176-195.	3.7	18
8	Success Factors in Sustainable Management of IT Service Projects: Exploratory Factor Analysis. <i>Sustainability</i> , 2021, 13, 4457.	3.2	16
9	Modeling human thinking about similarities by neuromatrices in the perspective of fuzzy logic. <i>Neural Computing and Applications</i> , 2021, 33, 5843-5867.	5.6	13
10	Preventing Work-Related Musculoskeletal Disorders in Manufacturing by Digital Human Modeling. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8676.	2.6	10
11	Examining users' preferences towards vertical graphical toolbars in simple search and point tasks. <i>Computers in Human Behavior</i> , 2011, 27, 2308-2321.	8.5	8
12	Consumer preferences towards alternative fuel vehicles. Results from the conjoint analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 155, 111776.	16.4	8
13	Information presentation compatibility in a simple digital control panel design: eye-tracking study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2018, 24, 395-405.	1.9	7
14	An Eye Tracking Based Examination of Visual Attention During Pairwise Comparisons of a Digital Product's Package. <i>Lecture Notes in Computer Science</i> , 2016, , 430-441.	1.3	6
15	Applying Hidden Markov Models to Visual Activity Analysis for Simple Digital Control Panel Operations. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 3-14.	0.6	5
16	Zastosowanie modeli Markowa z ukrytymi stanami do analizy aktywności wzrokowej w procesie oceny wirtualnych opakowań, technik... porównywania parami. <i>Zeszyty Naukowe Politechniki Poznańskiej Organizacja i Zarządzanie</i> , 2017, , 111-125.	0.1	4
17	Designing Emergency-Medical-Service Helicopter Interiors Using Virtual Manikins. <i>IEEE Computer Graphics and Applications</i> , 2014, 34, 16-23.	1.2	2
18	Effects of scatter plot initial solutions on regular grid facility layout algorithms in typical production models. <i>Central European Journal of Operations Research</i> , 2020, 28, 601-632.	1.8	2

#	ARTICLE	IF	CITATIONS
19	The Effects of Background Color, Shape and Dimensionality on Purchase Intentions in a Digital Product Presentation. Lecture Notes in Computer Science, 2016, , 468-479.	1.3	2
20	Simulated Annealing Based on Linguistic Patterns: Experimental Examination of Properties for Various Types of Logistic Problems. Advances in Intelligent Systems and Computing, 2018, , 336-345.	0.6	2
21	The Role of Virtual Package Shapes in Digital Product Presentation. Advances in Intelligent Systems and Computing, 2020, , 24-30.	0.6	2
22	Subjective Preferences Towards Various Conditions of Self-Administered Questionnaires: AHP and Conjoint Analyses. Lecture Notes in Computer Science, 2018, , 439-450.	1.3	1
23	Vector and Triangular Representations of Project Estimation Uncertainty: Effect of Gender on Usability. Lecture Notes in Computer Science, 2021, , 473-485.	1.3	1
24	Investigating Human Visual Behavior by Hidden Markov Models in the Design of Marketing Information. Advances in Intelligent Systems and Computing, 2020, , 234-245.	0.6	1
25	The Effects of the Anthropological Race, Gender and Location of Verbal-Pictorial Stimuli on the Usability of Visual Information Conveyance. Lecture Notes in Computer Science, 2015, , 441-451.	1.3	1
26	Comparative Analysis of Regular Grid Based Algorithms in the Design of Graphical Control Panels. Lecture Notes in Computer Science, 2015, , 332-339.	1.3	1
27	A Concept of a Flexible Approach to the Facilities Layout Problems in Logistics Systems. Advances in Intelligent Systems and Computing, 2016, , 171-181.	0.6	1
28	Linguistic patterns as a framework for an expert knowledge representation in agent movement simulation. Knowledge-Based Systems, 2022, 243, 108497.	7.1	1
29	The Effect of Camera Viewing Angle on Product Digital Presentation Perception. Lecture Notes in Computer Science, 2022, , 246-258.	1.3	1
30	Eye Tracking Based Experimental Study on Basic Digital Control Panel Usability. , 2016, , .		0
31	Eye-Tracking Examination of the Anthropological Race, Gender and Verbal-Pictorial Relative Positions on Ergonomics of Visual Information Presentation. Advances in Intelligent Systems and Computing, 2020, , 23-34.	0.6	0
32	Is Human Visual Activity in Simple Human-Computer Interaction Search Tasks a LÅ©vy Flight?. , 2015, , .		0
33	Subjective Perception of the Background Color and Layout in the Design of Typical Graphical Control Panels. Lecture Notes in Computer Science, 2015, , 471-479.	1.3	0
34	Experimental Examination of Facilities Layout Problems in Logistics Systems Including Objects with Diverse Sizes and Shapes. Advances in Intelligent Systems and Computing, 2016, , 159-169.	0.6	0
35	Generowanie poczkowych rozwiÅÅ, przez algorytm siÅ, wirtualnych w problemach logistycznych: rola wartoÅci parametrÅw i charakterystyk powiÅ, . Zeszyty Naukowe Politechniki PoznaÅ,skiej Organizacja I ZarzÅdzanie, 2017, , 63-72.	0.1	0