

LuciÃ«nne Tm Blessing

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,863
citations

471509

17
h-index

434195

31
g-index

61
all docs

61
docs citations

61
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	DRM, a Design Research Methodology. , 2009, , .		658
2	Understanding the differences between how novice and experienced designers approach design tasks. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2003, 14, 1-11.	2.1	282
3	A scalable Bluetooth Low Energy approach to identify occupancy patterns and profiles in office spaces. Building and Environment, 2020, 171, 106681.	6.9	119
4	The Relationship Between Function and Affordance. , 2005, , .		55
5	Overcoming design fixation: Design by analogy studies and nonintuitive findings. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2016, 30, 185-199.	1.1	47
6	Airport user experience unpacked: Conceptualizing its potential in the face of COVID-19. Journal of Air Transport Management, 2020, 89, 101919.	4.5	44
7	A DSM-based framework for integrated function modelling: concept, application and evaluation. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2017, 28, 25-51.	2.1	41
8	An analysis of functional modeling approaches across disciplines. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2013, 27, 281-289.	1.1	40
9	PSS Layer Method “ Application to Microenergy Systems. , 2009, , 3-30.		39
10	Does Analogical Distance Affect Performance of Ideation?. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	2.9	36
11	Gestural Interfaces for Elderly Users: Help or Hindrance?. Lecture Notes in Computer Science, 2010, , 269-280.	1.3	35
12	Near-real-time plug load identification using low-frequency power data in office spaces: Experiments and applications. Applied Energy, 2020, 275, 115391.	10.1	29
13	Mobile device interaction gestures for older users. , 2010, , .		26
14	Adaptive training interfaces for less-experienced, elderly users of electronic devices. Behaviour and Information Technology, 2014, 33, 4-15.	4.0	24
15	Taking a look at the utilisation of function models in interdisciplinary design: insights from ten engineering companies. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2017, 28, 299-331.	2.1	24
16	Airport pandemic response: An assessment of impacts and strategies after one year with COVID-19. Transportation Research Interdisciplinary Perspectives, 2021, 11, 100449.	2.7	24
17	Observations on Some German Contributions to Engineering Design In Memory of Professor Wolfgang Beitz. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2000, 12, 2-7.	2.1	23
18	Evaluating the Effectiveness of an Augmented Reality Game Promoting Environmental Action. Sustainability, 2021, 13, 13912.	3.2	22

#	ARTICLE	IF	CITATIONS
19	Design opportunity conception using the total technology space map. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2018, 32, 449-461.	1.1	21
20	The introduction of a design heuristics extraction method. Advanced Engineering Informatics, 2002, 16, 3-19.	8.0	20
21	Management of product characteristics uncertainty based on formal logic and characteristics properties model. CIRP Annals - Manufacturing Technology, 2013, 62, 147-150.	3.6	19
22	Stages in Product Lifecycle: Trans-disciplinary Design Context. Procedia CIRP, 2014, 21, 224-229.	1.9	18
23	Prior Experience and Intuitive Use: Image Schemas in User Centred Design. , 2008, , 107-116.		18
24	The Relationships Between Data, Information and Knowledge Based on a Preliminary Study of Engineering Designers. , 1999, , .		16
25	An alternative approach to monitor occupancy using bluetooth low energy technology in an office environment. Journal of Physics: Conference Series, 2019, 1343, 012116.	0.4	15
26	User perceptions on the adoption of smart energy management systems in the workplace: Design and policy implications. Energy Research and Social Science, 2022, 88, 102505.	6.4	15
27	Analyzing Transdisciplinary Design Processes in Industry: An Overview. , 2013, , .		13
28	Leveraging Digital Technology to Overcome Barriers in the Prosthetic and Orthotic Industry: Evaluation of its Applicability and Use During the COVID-19 Pandemic. JMIR Rehabilitation and Assistive Technologies, 2020, 7, e23827.	2.2	12
29	A Waste Management Behavioural Framework of Singaporeâ€™s Food Manufacturing Industry using Factor Analysis. Procedia CIRP, 2019, 80, 578-583.	1.9	11
30	Training the Elderly in the Use of Electronic Devices. Lecture Notes in Computer Science, 2007, , 637-646.	1.3	10
31	Integrating Different Functional Modeling Perspectives. Lecture Notes in Mechanical Engineering, 2013, , 85-97.	0.4	8
32	DSM for Modeling and Analyzing Functionality: Views of Practitioners. , 2015, , 173-184.		6
33	The Value of Answers without Question[s]: A Qualitative Approach to User Experience and Aging. Lecture Notes in Computer Science, 2009, , 894-903.	1.3	5
34	A multiparallel bioreactor for the cultivation of mammalian cells in a 3Dâ€™ceramic matrix. Biotechnology Progress, 2010, 26, 556-564.	2.6	4
35	GesCAD. , 2017, , .		4
36	Demographic Factors and Their Influence on Designer Creativity and Empathy Evoked Through User Extreme Conditions. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
37	User Perceptions and Adoption of Plug Load Management Systems in the Workplace. , 2021, , .		4
38	Preparing for the Transfer of Research Results to Practice: Best Practice Heuristics. , 2016, , 3-21.		4
39	Schwingfestigkeit von Schraube-Mutter-Verbindungen. Materialwissenschaft Und Werkstofftechnik, 2007, 38, 402-409.	0.9	3
40	Analogy Retrieval Through Textual Inference. , 2017, , .		3
41	COGNITION AND TRANSDISCIPLINARY DESIGN: AN EDUCATIONAL FRAMEWORK FOR UNDERGRADUATE ENGINEERING DESIGN CURRICULUM DEVELOPMENT. Proceedings of the Canadian Engineering Education Association (CEEA), 0, , .	0.2	3
42	A Conjoint Analysis of Attributes Affecting the Likelihood of Technology Use. Lecture Notes in Computer Science, 2011, , 303-312.	1.3	3
43	How Cultural Characteristics Influence Design Processes: An Empirical Study. , 2009, , .		3
44	Countering Concurrent Login Attacks in "Just Tap" Push-based Authentication: A Redesign and Usability Evaluations. , 2021, , .		3
45	Feature Engineering for Design Thinking Assessment. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 3891-3900.	0.6	2
46	A methodology for preliminary design of mechanical aircraft systems. , 1997, , .		1
47	A Methodology for Preliminary Design of Mechanical Aircraft Systems. , 0, , .		1
48	Designing Meaning to Change Consumer Behaviour: An Exploration. Smart Innovation, Systems and Technologies, 2015, , 341-351.	0.6	1
49	Assessment of Conceptual Design Problems Comprising Design Rationale and Sketches. , 2020, , .		1
50	EPIC30M: An Epidemics Corpus of Over 30 Million Relevant Tweets. , 2020, , .		1
51	A transformative engineering and architecture education. , 2020, , .		1
52	Measuring Discomfort " An objective method for quantifying peak pressure discomfort and improved fit in transtibial amputees.. PM and R, 2022, , .	1.6	1
53	Analysis and Visualization of Project Structure Using Linkography: Focussing Project Risk Management. , 2009, , .		0
54	Understanding Effects of Analogical Distance on Performance of Ideation: Key Observations and Findings. , 2017, , .		0

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55	A REVIEW OF DESIGN RESEARCH IN ENGINEERING PRODUCTIVITY IN THE ARCHITECTURE, ENGINEERING AND CONSTRUCTION (AEC) INDUSTRY. Proceedings of the Design Society, 2021, 1, 201-210.	0.8	0
56	A FRAMEWORK FOR DESIGN COMPETENCY ASSESSMENT. Proceedings of the Design Society, 2021, 1, 91-100.	0.8	0
57	Individual Thinking and Acting: Summary of Discussion. , 2003, , 97-104.		0
58	The Conceptual Design of a Perfusion Reactor Using a Complexity Measure. , 2008, , .		0