

# LuciÃ«nne Tm Blessing

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2208811/publications.pdf>

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	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
2	Measuring Discomfort – An objective method for quantifying peak pressure discomfort and improved fit in transtibial amputees.. PM and R, 2022, , .	1.6	1
3	User Perceptions and Adoption of Plug Load Management Systems in the Workplace. , 2021, , .		4
4	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
5	A FRAMEWORK FOR DESIGN COMPETENCY ASSESSMENT. Proceedings of the Design Society, 2021, 1, 91-100.	0.8	0
6	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
7	Countering Concurrent Login Attacks in –Just Tap–Push-based Authentication: A Redesign and Usability Evaluations. , 2021, , .		3
8	Evaluating the Effectiveness of an Augmented Reality Game Promoting Environmental Action. Sustainability, 2021, 13, 13912.	3.2	22
9	Airport user experience unpacked: Conceptualizing its potential in the face of COVID-19. Journal of Air Transport Management, 2020, 89, 101919.	4.5	44
10	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
11	A scalable Bluetooth Low Energy approach to identify occupancy patterns and profiles in office spaces. Building and Environment, 2020, 171, 106681.	6.9	119
12	Assessment of Conceptual Design Problems Comprising Design Rationale and Sketches. , 2020, , .		1
13	EPIC30M: An Epidemics Corpus of Over 30 Million Relevant Tweets. , 2020, , .		1
14	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
15	A transformative engineering and architecture education. , 2020, , .		1
16	Feature Engineering for Design Thinking Assessment. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 3891-3900.	0.6	2
17	A Waste Management Behavioural Framework of Singapore’s Food Manufacturing Industry using Factor Analysis. Procedia CIRP, 2019, 80, 578-583.	1.9	11
18	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

#	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	Does Analogical Distance Affect Performance of Ideation?. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	2.9	36
21	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
22	Analogy Retrieval Through Textual Inference. , 2017, , .		3
23	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
24	GesCAD. , 2017, , .		4
25	Understanding Effects of Analogical Distance on Performance of Ideation: Key Observations and Findings. , 2017, , .		0
26	Demographic Factors and Their Influence on Designer Creativity and Empathy Evoked Through User Extreme Conditions. , 2017, , .		4
27	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
28	Preparing for the Transfer of Research Results to Practice: Best Practice Heuristics. , 2016, , 3-21.		4
29	DSM for Modeling and Analyzing Functionality: Views of Practitioners. , 2015, , 173-184.		6
30	Designing Meaning to Change Consumer Behaviour: An Exploration. Smart Innovation, Systems and Technologies, 2015, , 341-351.	0.6	1
31	Stages in Product Lifecycle: Trans-disciplinary Design Context. Procedia CIRP, 2014, 21, 224-229.	1.9	18
32	Adaptive training interfaces for less-experienced, elderly users of electronic devices. Behaviour and Information Technology, 2014, 33, 4-15.	4.0	24
33	Integrating Different Functional Modeling Perspectives. Lecture Notes in Mechanical Engineering, 2013, , 85-97.	0.4	8
34	Management of product characteristics uncertainty based on formal logic and characteristics properties model. CIRP Annals - Manufacturing Technology, 2013, 62, 147-150.	3.6	19
35	An analysis of functional modeling approaches across disciplines. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2013, 27, 281-289.	1.1	40
36	Analyzing Transdisciplinary Design Processes in Industry: An Overview. , 2013, , .		13

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37	A Conjoint Analysis of Attributes Affecting the Likelihood of Technology Use. Lecture Notes in Computer Science, 2011, , 303-312.	1.3	3
38	A multiparallel bioreactor for the cultivation of mammalian cells in a 3D ceramic matrix. Biotechnology Progress, 2010, 26, 556-564.	2.6	4
39	Mobile device interaction gestures for older users. , 2010, , .		26
40	Gestural Interfaces for Elderly Users: Help or Hindrance?. Lecture Notes in Computer Science, 2010, , 269-280.	1.3	35
41	DRM, a Design Research Methodology. , 2009, , .		658
42	Analysis and Visualization of Project Structure Using Linkography: Focussing Project Risk Management. , 2009, , .		0
43	PSS Layer Method " Application to Microenergy Systems. , 2009, , 3-30.		39
44	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
45	How Cultural Characteristics Influence Design Processes: An Empirical Study. , 2009, , .		3
46	Prior Experience and Intuitive Use: Image Schemas in User Centred Design. , 2008, , 107-116.		18
47	The Conceptual Design of a Perfusion Reactor Using a Complexity Measure. , 2008, , .		0
48	Schwingfestigkeit von Schraube-Mutter-Verbindungen. Materialwissenschaft Und Werkstofftechnik, 2007, 38, 402-409.	0.9	3
49	Training the Elderly in the Use of Electronic Devices. Lecture Notes in Computer Science, 2007, , 637-646.	1.3	10
50	The Relationship Between Function and Affordance. , 2005, , .		55
51	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
52	Individual Thinking and Acting: Summary of Discussion. , 2003, , 97-104.		0
53	The introduction of a design heuristics extraction method. Advanced Engineering Informatics, 2002, 16, 3-19.	8.0	20
54	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

#	ARTICLE	IF	CITATIONS
55	The Relationships Between Data, Information and Knowledge Based on a Preliminary Study of Engineering Designers. , 1999, , .		16
56	A methodology for preliminary design of mechanical aircraft systems. , 1997, , .		1
57	A Methodology for Preliminary Design of Mechanical Aircraft Systems. , 0, , .		1
58	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