

Katrin Arning

List of Publications by Year in descending order

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52
papers

1,236
citations

430754

18
h-index

414303

32
g-index

54
all docs

54
docs citations

54
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Making CCU Visible: Investigating Laypeople's Requirements for a Trusted, Informative CCU Label. Communications in Computer and Information Science, 2021, , 40-64.	0.4	0
2	Acceptance of energy technologies in context: Comparing laypeople's risk perceptions across eight infrastructure technologies in Germany. Energy Policy, 2021, 152, 112071.	4.2	15
3	The Social Acceptance Factors for Insulation Boards Produced With CO2-Derived Foam. Frontiers in Energy Research, 2021, 9, .	1.2	5
4	More green or less black ? How benefit perceptions of CO2 reductions vs. fossil resource savings shape the acceptance of CO2-based fuels and their conversion technology. Energy and Climate Change, 2021, 2, 100025.	2.2	9
5	Risk-benefit perceptions and public acceptance of Carbon Capture and Utilization. Environmental Innovation and Societal Transitions, 2020, 35, 292-308.	2.5	61
6	Defenders of Diesel: Anti-decarbonisation efforts and the pro-diesel protest movement in Germany. Energy Research and Social Science, 2020, 63, 101410.	3.0	17
7	Assessing public acceptance of the life cycle of CO2-based fuels: Does information make the difference?. Energy Policy, 2020, 143, 111586.	4.2	25
8	Risk Assessment Regarding Perceived Toxicity and Acceptance of Carbon Dioxide-Based Fuel by Laypeople for Its Use in Road Traffic and Aviation. Frontiers in Energy Research, 2020, 8, .	1.2	10
9	Privacy issues in smart cities: Insights into citizens' perspectives toward safe mobility in urban environments. , 2019, , 275-292.		2
10	What fuels the adoption of alternative fuels? Examining preferences of German car drivers for fuel innovations. Applied Energy, 2019, 249, 222-236.	5.1	38
11	Same or different? Insights on public perception and acceptance of carbon capture and storage or utilization in Germany. Energy Policy, 2019, 125, 235-249.	4.2	88
12	Uncovering attitudes towards carbon capture storage and utilization technologies in Germany: Insights into affective-cognitive evaluations of benefits and risks. Energy Research and Social Science, 2019, 48, 205-218.	3.0	43
13	All Eyes on You! Impact of Location, Camera Type, and Privacy-Security-Trade-off on the Acceptance of Surveillance Technologies. Communications in Computer and Information Science, 2019, , 131-149.	0.4	2
14	Identifying the "Do" and "Don't" for a Trust-Building CCU Product Label. , 2019, , .		2
15	Does Size Matter? Investigating Laypeople's Preferences for Roll-out Scenarios of Alternative Fuel Production Plants. , 2019, , .		3
16	Acceptance profiles for a carbon-derived foam mattress. Exploring and segmenting consumer perceptions of a carbon capture and utilization product. Journal of Cleaner Production, 2018, 188, 171-184.	4.6	30
17	Trust and Distrust in Carbon Capture and Utilization Industry as Relevant Factors for the Acceptance of Carbon-Based Products. Frontiers in Energy Research, 2018, 6, .	1.2	26
18	The Good, the Bad and the Ugly: Affect and its Role for Renewable Energy Acceptance. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Reduce, reuse, recycle: Acceptance of CO ₂ -utilization for plastic products. Energy Policy, 2017, 105, 53-66.	4.2	68
20	Differences between Laypersons and Experts in Perceptions and Acceptance of CO ₂ -utilization for Plastics Production. Energy Procedia, 2017, 114, 7212-7223.	1.8	27
21	Risk Perception and Acceptance of CDU Consumer Products in Germany. Energy Procedia, 2017, 114, 7186-7196.	1.8	25
22	Participatory Design in the Development of a Smart Pedestrian Mobility Device for Urban Spaces. Lecture Notes in Computer Science, 2017, , 753-772.	1.0	0
23	Where, Wherefore, and How? - Contrasting Two Surveillance Contexts According to Acceptance. , 2017, , .		2
24	No pipes in my backyard?. Energy Research and Social Science, 2016, 14, 90-101.	3.0	20
25	You Can(â€™t) Teach an Old Dog New Tricks: Analyzing the Learnability of Manufacturing Software Systems in Older Users. Lecture Notes in Computer Science, 2016, , 277-288.	1.0	5
26	â€œHow Fear of Crime Affects Needs for Privacy & Safetyâ€- Acceptance of Surveillance Technologies in Smart Cities. , 2016, , .		12
27	Understanding Age-Related Differences in Privacy-Safety Decisions: Acceptance of Crime Surveillance Technologies in Urban Environments. Lecture Notes in Computer Science, 2016, , 253-265.	1.0	0
28	Influence of temporal delay and display update rate in an augmented reality application scenario. , 2015, , .		7
29	â€œGet that Camera Out of My House!â€-Conjoint Measurement of Preferences for Video-Based Healthcare Monitoring Systems in Private and Public Places. Lecture Notes in Computer Science, 2015, , 152-164.	1.0	25
30	Safety and Privacy Perceptions in Public Spaces: An Empirical Study on User Requirements for City Mobility. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 97-103.	0.2	9
31	Pitfalls when Placing Electricity Pylons - The Influence of Age on Acceptance. Lecture Notes in Computer Science, 2015, , 282-293.	1.0	2
32	Health Concerns Versus Mobile Data Needs: Conjoint Measurement of Preferences for Mobile Communication Network Scenarios. Human and Ecological Risk Assessment (HERA), 2014, 20, 1359-1384.	1.7	26
33	Evaluation of a Mobile Projector-Based Indoor Navigation Interface. Interacting With Computers, 2014, 26, 595-613.	1.0	8
34	Modelling User Acceptance of Wireless Medical Technologies. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 146-153.	0.2	3
35	Extending the engineering trade-off analysis by integrating user preferences in conjoint analysis. Expert Systems With Applications, 2013, 40, 2947-2955.	4.4	22
36	ProFi. , 2013, , .		11

#	ARTICLE	IF	CITATIONS
37	Age-Related Differences in Critical Driving Situations: The Influence of Dual-Task Situations, S-R Compatibility and Driving Expertise. , 2013, , 279-297.		1
38	Join the Ride! User Requirements and Interface Design Guidelines for a Commuter Carpooling Platform. Lecture Notes in Computer Science, 2013, , 10-19.	1.0	12
39	From Living Space to Urban Quarter: Acceptance of ICT Monitoring Solutions in an Ageing Society. Lecture Notes in Computer Science, 2013, , 49-58.	1.0	13
40	Eliciting User Requirements and Acceptance for Customizing Mobile Device System Architecture. Lecture Notes in Computer Science, 2013, , 439-448.	1.0	2
41	Insights into user experiences and acceptance of mobile indoor navigation devices. , 2012, , .		18
42	â€œSame Same but Differentâ€•How Service Contexts of Mobile Technologies Shape Usage Motives and Barriers. Lecture Notes in Computer Science, 2010, , 34-54.	1.0	23
43	Ask and You Will Receive. International Journal of Mobile Human Computer Interaction, 2010, 2, 21-47.	0.1	14
44	Effects of age, cognitive, and personal factors on PDA menu navigation performance. Behaviour and Information Technology, 2009, 28, 251-268.	2.5	73
45	Different Perspectives on Technology Acceptance: The Role of Technology Type and Age. Lecture Notes in Computer Science, 2009, , 20-41.	1.0	76
46	Reversed effects of spatial compatibility in natural scenes. American Journal of Psychology, 2009, 122, 325-36.	0.5	14
47	Development and validation of a computer expertise questionnaire for older adults. Behaviour and Information Technology, 2008, 27, 89-93.	2.5	23
48	Barriers of Information Access in Small Screen Device Applications: The Relevance of User Characteristics for a Transgenerational Design. , 2007, , 117-136.		34
49	Understanding age differences in PDA acceptance and performance. Computers in Human Behavior, 2007, 23, 2904-2927.	5.1	261
50	Ask and You Will Receive. , 0, , 20-47.		0
51	Two Sides of the Same Coinâ€”Explaining the Acceptance of CO2-Based Fuels for Aviation Using PLS-SEM by Considering the Production and Product Evaluation. Frontiers in Energy Research, 0, 9, .	1.2	6
52	Harmful or Beneficial to Humans and the Environment? An Empirical Study on the Social Acceptance and Risk Perception of CO2-Based Fuels. Frontiers in Environmental Science, 0, 10, .	1.5	1