Lace M K Padilla

List of Publications by Year
in descending order

21 papers	598 citations	759233 12 h-index	794594 19 g-index
33 all docs	33 docs citations	33 times ranked	484 citing authors

#	Article	IF	Citations
1	Conceptual Metaphor and Graphical Convention Influence the Interpretation of Line Graphs. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1209-1221.	4.4	6
2	Examining Effort in 1D Uncertainty Communication Using Individual Differences in Working Memory and NASA-TLX. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 411-421.	4.4	15
3	Immersive storm surge flooding: Scale and risk perception in virtual reality. Journal of Environmental Psychology, 2022, 80, 101764.	5.1	9
4	Impact of COVID-19 forecast visualizations on pandemic risk perceptions. Scientific Reports, 2022, 12, 2014.	3.3	10
5	Through the eyes of the expert: Evaluating holistic processing in architects through gaze-contingent viewing. Psychonomic Bulletin and Review, 2021, 28, 870-878.	2.8	3
6	A review of uncertainty visualization errors: Working memory as an explanatory theory. Psychology of Learning and Motivation - Advances in Research and Theory, 2021, 74, 275-315.	1.1	6
7	Mapping the Landscape of COVID-19 Crisis Visualizations. , 2021, , .		38
8	Multiple Hazard Uncertainty Visualization Challenges and Paths Forward. Frontiers in Psychology, 2021, 12, 579207.	2.1	6
9	Toward Objective Evaluation of Working Memory in Visualizations: A Case Study Using Pupillometry and a Dual-Task Paradigm. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 332-342.	4.4	14
10	Factors Predicting Willingness to Share COVID-19 Misinformation. Frontiers in Psychology, 2020, 11, 566108.	2.1	48
11	Uncertain About Uncertainty: How Qualitative Expressions of Forecaster Confidence Impact Decision-Making With Uncertainty Visualizations. Frontiers in Psychology, 2020, 11, 579267.	2.1	28
12	The powerful influence of marks: Visual and knowledge-driven processing in hurricane track displays.. Journal of Experimental Psychology: Applied, 2020, 26, 1-15.	1.2	15
13	Visualizing Uncertain Tropical Cyclone Predictions using Representative Samples from Ensembles of Forecast Tracks. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 882-891.	4.4	39
14	Examining Implicit Discretization in Spectral Schemes. Computer Graphics Forum, 2019, 38, 363-374.	3.0	16
15	A Case for Cognitive Models in Visualization Research : Position paper. , 2018, , .		7
16	Decision making with visualizations: a cognitive framework across disciplines. Cognitive Research: Principles and Implications, 2018, 3, 29.	2.0	93
17	Evaluating the Impact of Binning 2D Scalar Fields. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 431-440.	4.4	32
18	Uncertainty Visualization by Representative Sampling from Prediction Ensembles. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 2165-2178.	4.4	50

#	Article	IF	Citations
19	Mobility and Navigation among the Yucatec Maya. Human Nature, 2016, 27, 35-50.	1.6	20
20	Non-expert interpretations of hurricane forecast uncertainty visualizations. Spatial Cognition and Computation, 2016, 16, 154-172.	1.2	89
21	Sex Differences in Mobility and Spatial Cognition. Human Nature, 2016, 27, 16-34.	1.6	30