

# Cagatay Turkey

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

946  
citations

471509

17  
h-index

477307

29  
g-index

55  
all docs

55  
docs citations

55  
times ranked

959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Words of Estimative Correlation: Studying Verbalizations of Scatterplots. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1967-1981.	4.4	3
2	Rapid Development of a Data Visualization Service in an Emergency Response. IEEE Transactions on Services Computing, 2022, 15, 1251-1264.	4.6	8
3	RAMPVIS: Answering the challenges of building visualisation capabilities for large-scale emergency responses. Epidemics, 2022, 39, 100569.	3.0	13
4	Complex model calibration through emulation, a worked example for a stochastic epidemic model. Epidemics, 2022, , 100574.	3.0	1
5	Revisiting the Modifiable Areal Unit Problem in Deep Traffic Prediction with Visual Analytics. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 839-848.	4.4	24
6	Supporting Story Synthesis: Bridging the Gap between Visual Analytics and Storytelling. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2499-2516.	4.4	51
7	LDA Ensembles for Interactive Exploration and Categorization of Behaviors. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2775-2792.	4.4	19
8	VASABI: Hierarchical User Profiles for Interactive Visual User Behaviour Analytics. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 77-86.	4.4	24
9	Visual Analytics for Data Scientists. , 2020, , .		18
10	Visual Analytics for Investigating and Processing Data. , 2020, , 151-180.		0
11	Visual Analytics for Understanding Temporal Distributions and Variations. , 2020, , 229-260.		0
12	Visual Analytics for Understanding Relationships between Entities. , 2020, , 201-228.		2
13	Computational Modelling with Visual Analytics. , 2020, , 375-407.		0
14	Visual Analytics for Understanding Spatial Distributions and Spatial Variation. , 2020, , 261-295.		0
15	Principles of Interactive Visualisation. , 2020, , 51-88.		0
16	Visual Analytics for Understanding Multiple Attributes. , 2020, , 181-200.		0
17	Visual Analytics for Understanding Texts. , 2020, , 341-359.		1
18	Introduction to Visual Analytics by an Example. , 2020, , 3-25.		1

#	ARTICLE	IF	CITATIONS
19	Understanding User Behaviour through Action Sequences: From the Usual to the Unusual. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2838-2852.	4.4	23
20	Broadening Intellectual Diversity in Visualization Research Papers. IEEE Computer Graphics and Applications, 2019, 39, 78-85.	1.2	18
21	Design and implementation of small multiples matrix-based visualisation to monitor and compare email socio-organisational relationships. , 2018, , .		8
22	User Behavior Map: Visual Exploration for Cyber Security Session Data. , 2018, , .		7
23	Visualization for Smart City Applications. IEEE Computer Graphics and Applications, 2018, 38, 36-37.	1.2	6
24	Hunting High and Low: Visualising Shifting Correlations in Financial Markets. Computer Graphics Forum, 2018, 37, 479-490.	3.0	2
25	Supporting theoretically-grounded model building in the social sciences through interactive visualisation. Neurocomputing, 2017, 268, 153-163.	5.9	8
26	The State of the Art in Integrating Machine Learning into Visual Analytics. Computer Graphics Forum, 2017, 36, 458-486.	3.0	145
27	On the Challenges and Opportunities in Visualization for Machine Learning and Knowledge Extraction: A Research Agenda. Lecture Notes in Computer Science, 2017, , 191-198.	1.3	3
28	Designing Progressive and Interactive Analytics Processes for High-Dimensional Data Analysis. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 131-140.	4.4	54
29	Small Multiples with Gaps. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 381-390.	4.4	28
30	Map LineUps: Effects of spatial structure on graphical inference. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 391-400.	4.4	39
31	Faceted Views of Varying Emphasis (FaVVEs): a framework for visualising multiâ€perspective small multiples. Computer Graphics Forum, 2016, 35, 241-249.	3.0	9
32	Visualizing Multiple Variables Across Scale and Geography. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 599-608.	4.4	40
33	Supporting Decision-Making for Biometric System Deployment through Visual Analysis. , 2014, , .		0
34	Attribute Signatures: Dynamic Visual Summaries for Analyzing Multivariate Geographical Data. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 2033-2042.	4.4	42
35	Perceptually Uniform Motion Space. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 1542-1554.	4.4	4
36	Interactive Visual Analysis of Heterogeneous Cohort-Study Data. IEEE Computer Graphics and Applications, 2014, 34, 70-82.	1.2	22

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37	Characterizing Cancer Subtypes Using Dual Analysis in Caleydo StratomeX. IEEE Computer Graphics and Applications, 2014, 34, 38-47.	1.2	20
38	On Computationally-Enhanced Visual Analysis of Heterogeneous Data and Its Application in Biomedical Informatics. Lecture Notes in Computer Science, 2014, , 117-140.	1.3	37
39	Visual cavity analysis in molecular simulations. BMC Bioinformatics, 2013, 14, S4.	2.6	52
40	Integrating cluster formation and cluster evaluation in interactive visual analysis. , 2013, , .		8
41	Hypothesis Generation by Interactive Visual Exploration of Heterogeneous Medical Data. Lecture Notes in Computer Science, 2013, , 1-12.	1.3	16
42	Implicit surfaces for interactive graph based cavity analysis of molecular simulations. , 2012, , .		17
43	A Perceptual-Statistics Shading Model. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 2265-2274.	4.4	8
44	Representative Factor Generation for the Interactive Visual Analysis of High-Dimensional Data. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 2621-2630.	4.4	47
45	Dual analysis of DNA microarrays. , 2012, , .		4
46	An Information Theoretical Approach to Crowd Simulation. Communications in Computer and Information Science, 2012, , 236-261.	0.5	0
47	Interactive Visual Analysis of Temporal Cluster Structures. Computer Graphics Forum, 2011, 30, 711-720.	3.0	24
48	Brushing Dimensions - A Dual Visual Analysis Model for High-Dimensional Data. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2591-2599.	4.4	68
49	Integrating Information Theory in Agent-Based Crowd Simulation Behavior Models. Computer Journal, 2011, 54, 1810-1820.	2.4	10
50	Temporal Dynamics of User Interests in Web Search Queries. , 2009, , .		1
51	An information theoretic approach to camera control for crowded scenes. Visual Computer, 2009, 25, 451-459.	3.5	8