

Yingcai Wu

List of Publications by Year in descending order

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60
papers

1,880
citations

257357

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h-index

289141

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g-index

60
all docs

60
docs citations

60
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	SimuExplorer: Visual Exploration of Game Simulation in Table Tennis. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 1719-1732.	2.9	6
2	Visualizing the Scripts of Data Wrangling With Somnus. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 2950-2964.	2.9	5
3	Interactive Visual Exploration of Longitudinal Historical Career Mobility Data. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 3441-3455.	2.9	12
4	Seek for Success: A Visualization Approach for Understanding the Dynamics of Academic Careers. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 475-485.	2.9	15
5	Real-Time Visual Analysis of High-Volume Social Media Posts. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 879-889.	2.9	8
6	VideoModerator: A Risk-aware Framework for Multimodal Video Moderation in E-Commerce. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 846-856.	2.9	12
7	Augmenting Sports Videos with VisCommentator. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 824-834.	2.9	23
8	RallyComparator: visual comparison of the multivariate and spatial stroke sequence in table tennis rally. Journal of Visualization, 2022, 25, 143-158.	1.1	10
9	What makes a scatterplot hard to comprehend: data size and pattern salience matter. Journal of Visualization, 2022, 25, 59-75.	1.1	8
10	Nebula: A Coordinating Grammar of Graphics. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 4127-4140.	2.9	9
11	TacticFlow: Visual Analytics of Ever-Changing Tactics in Racket Sports. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 835-845.	2.9	25
12	TIVEE: Visual Exploration and Explanation of Badminton Tactics in Immersive Visualizations. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 118-128.	2.9	34
13	Compass: Towards Better Causal Analysis of Urban Time Series. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1051-1061.	2.9	21
14	A Visualization Approach for Monitoring Order Processing in E-Commerce Warehouse. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 857-867.	2.9	12
15	GlyphCreator: Towards Example-based Automatic Generation of Circular Glyphs. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 400-410.	2.9	14
16	SmartShots: An Optimization Approach for Generating Videos with Data Visualizations Embedded. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-21.	2.6	3
17	Towards Better Detection and Analysis of Massive Spatiotemporal Co-Occurrence Patterns. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3387-3402.	4.7	21
18	Pareto-Optimal Transit Route Planning With Multi-Objective Monte-Carlo Tree Search. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1185-1195.	4.7	16

#	ARTICLE	IF	CITATIONS
19	PlotThread: Creating Expressive Storyline Visualizations using Reinforcement Learning. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 294-303.	2.9	24
20	PassVizor: Toward Better Understanding of the Dynamics of Soccer Passes. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1322-1331.	2.9	33
21	Towards Better Bus Networks: A Visual Analytics Approach. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 817-827.	2.9	40
22	A Visual Analytics Approach for Exploratory Causal Analysis: Exploration, Validation, and Applications. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1448-1458.	2.9	17
23	Exemplar-based Layout Fine-tuning for Node-link Diagrams. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1655-1665.	2.9	10
24	EcoLens: visual analysis of ecological regions in urban contexts using traffic data. Journal of Visualization, 2021, 24, 349-364.	1.1	8
25	DancingWords: exploring animated word clouds to tell stories. Journal of Visualization, 2021, 24, 85-100.	1.1	8
26	Visual Cascade Analytics of Large-scale Spatiotemporal Data. IEEE Transactions on Visualization and Computer Graphics, 2021, PP, 1-1.	2.9	11
27	Examining interaction techniques in data visualization authoring tools from the perspective of goals and human cognition: a survey. Journal of Visualization, 2021, 24, 397-418.	1.1	4
28	ShuttleSpace: Exploring and Analyzing Movement Trajectory in Immersive Visualization. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 860-869.	2.9	48
29	What Makes a Data-GIF Understandable?. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1492-1502.	2.9	27
30	Tac-Miner: Visual Tactic Mining for Multiple Table Tennis Matches. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2770-2782.	2.9	38
31	Powering Visualization With Deep Learning. IEEE Computer Graphics and Applications, 2021, 41, 16-17.	1.0	3
32	MIG-Viewer: Visual analytics of soccer player migration. Visual Informatics, 2021, 5, 102-113.	2.5	6
33	MARViT: Authoring Glyph-Based Visualization in Mobile Augmented Reality. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2645-2658.	2.9	33
34	Tac-Simur: Tactic-based Simulative Visual Analytics of Table Tennis. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 407-417.	2.9	49
35	Design guidelines for augmenting short-form videos using animated data visualizations. Journal of Visualization, 2020, 23, 707-720.	1.1	16
36	Visual Analytics of Multivariate Event Sequence Data in Racquet Sports. , 2020, , .		15

#	ARTICLE	IF	CITATIONS
37	Narrative Transitions in Data Videos. , 2020, , .		9
38	A Semantic-Based Method for Visualizing Large Image Collections. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2362-2377.	2.9	30
39	iStoryline: Effective Convergence to Hand-drawn Storylines. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 769-778.	2.9	27
40	ForVizor: Visualizing Spatio-Temporal Team Formations in Soccer. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 65-75.	2.9	71
41	SRVis: Towards Better Spatial Integration in Ranking Visualization. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 459-469.	2.9	28
42	Toward the better modeling and visualization of uncertainty for streaming data. Journal of Visualization, 2019, 22, 79-93.	1.1	2
43	StreamExplorer: A Multi-Stage System for Visually Exploring Events in Social Streams. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2758-2772.	2.9	39
44	Cluster-Based Visual Abstraction for Multivariate Scatterplots. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2531-2545.	2.9	21
45	iTTVis: Interactive Visualization of Table Tennis Data. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 709-718.	2.9	59
46	Mining the Most Influential -Location Set from Massive Trajectories. IEEE Transactions on Big Data, 2018, 4, 556-570.	4.4	14
47	HomeFinder Revisited. , 2018, , .		37
48	Embedding Spatio-Temporal Information into Maps by Route-Zooming. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 1506-1519.	2.9	44
49	GameLifeVis: visual analysis of behavior evolutions in multiplayer online games. Journal of Visualization, 2017, 20, 651-665.	1.1	4
50	Exploring the design space of immersive urban analytics. Visual Informatics, 2017, 1, 132-142.	2.5	31
51	SmartAdP: Visual Analytics of Large-scale Taxi Trajectories for Selecting Billboard Locations. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 1-10.	2.9	144
52	A Survey on Visual Analytics of Social Media Data. IEEE Transactions on Multimedia, 2016, 18, 2135-2148.	5.2	97
53	StoryFlow: Tracking the Evolution of Stories. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 2436-2445.	2.9	136
54	Visualizing Flow of Uncertainty through Analytical Processes. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 2526-2535.	2.9	42

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55	Semanticâ€Preserving Word Clouds by Seam Carving. Computer Graphics Forum, 2011, 30, 741-750.	1.8	74
56	OpinionSeer: Interactive Visualization of Hotel Customer Feedback. IEEE Transactions on Visualization and Computer Graphics, 2010, 16, 1109-1118.	2.9	127
57	Context preserving dynamic word cloud visualization. , 2010, , .		104
58	Interactive Visual Optimization and Analysis for RFID Benchmarking. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1335-1342.	2.9	7
59	Interactive Transfer Function Design Based on Editing Direct Volume Rendered Images. IEEE Transactions on Visualization and Computer Graphics, 2007, 13, 1027-1040.	2.9	78
60	Natural Textures for Weather Data Visualization. , 0, , .		11