

Hans-Jörg Schulz

List of Publications by Year in descending order

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43
papers

1,249
citations

471509

17
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434195

31
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47
all docs

47
docs citations

47
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Treevis.net: A Tree Visualization Reference. IEEE Computer Graphics and Applications, 2011, 31, 11-15.	1.2	158
2	Characterizing Guidance in Visual Analytics. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 111-120.	4.4	151
3	A Design Space of Visualization Tasks. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 2366-2375.	4.4	138
4	The Design Space of Implicit Hierarchy Visualization: A Survey. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 393-411.	4.4	115
5	StratomeX: Visual Analysis of Large-Scale Heterogeneous Genomics Data for Cancer Subtype Characterization. Computer Graphics Forum, 2012, 31, 1175-1184.	3.0	74
6	Cooperation in the Minority Game with local information. Physica A: Statistical Mechanics and Its Applications, 2000, 277, 502-508.	2.6	53
7	In Situ Exploration of Large Dynamic Networks. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2334-2343.	4.4	51
8	VisBricks: Multiform Visualization of Large, Inhomogeneous Data. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2291-2300.	4.4	48
9	Model-Driven Design for the Visual Analysis of Heterogeneous Data. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 998-1010.	4.4	42
10	A Review and Characterization of Progressive Visual Analytics. Informatics, 2018, 5, 31.	3.9	36
11	A Modular Degree-of-Interest Specification for the Visual Analysis of Large Dynamic Networks. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 337-350.	4.4	34
12	The State of the Art in Map-Like Visualization. Computer Graphics Forum, 2020, 39, 647-674.	3.0	33
13	An Enhanced Visualization Process Model for Incremental Visualization. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 1830-1842.	4.4	32
14	Visualizing Graphs - A Generalized View. , 0, , .		30
15	Honeycomb: Visual Analysis of Large Scale Social Networks. Lecture Notes in Computer Science, 2009, , 429-442.	1.3	30
16	Review: visual analytics of climate networks. Nonlinear Processes in Geophysics, 2015, 22, 545-570.	1.3	23
17	Visualization of attributed hierarchical structures in a spatiotemporal context. International Journal of Geographical Information Science, 2010, 24, 1497-1513.	4.8	20
18	Supporting the integrated visual analysis of input parameters and simulation trajectories. Computers and Graphics, 2014, 39, 37-47.	2.5	20

#	ARTICLE	IF	CITATIONS
19	A systematic view on data descriptors for the visual analysis of tabular data. Information Visualization, 2017, 16, 232-256.	1.9	16
20	Point-Based Visualization for Large Hierarchies. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 598-611.	4.4	13
21	Heterogeneity-based guidance for exploring multiscale data in systems biology. , 2012, , .		13
22	Parallel hierarchies: A visualization for cross-tabulating hierarchical categories. Computers and Graphics, 2018, 76, 1-17.	2.5	13
23	Beyond Trust Building – Calibrating Trust in Visual Analytics. , 2020, , .		12
24	A generative layout approach for rooted tree drawings. , 2013, , .		11
25	Point-based tree representation: A new approach for large hierarchies. , 2009, , .		9
26	Visualizing uncertainty in biological expression data. Proceedings of SPIE, 2012, , .	0.8	8
27	Preset-based generation and exploration of visualization designs. Journal of Visual Languages and Computing, 2015, 31, 9-29.	1.8	7
28	Constructing and visualizing chemical reaction networks from pi-calculus models. Formal Aspects of Computing, 2013, 25, 723-742.	1.8	5
29	Exploring hierarchical visualization designs using phylogenetic trees. Proceedings of SPIE, 2015, , .	0.8	5
30	Exploring vibrotactile cues for interactive guidance in data visualization. , 2020, , .		5
31	Lightweight Coordination of Multiple Independent Visual Analytics Tools. , 2019, , .		4
32	Interactive Presentation of Geo-Spatial Climate Data in Multi-Display Environments. ISPRS International Journal of Geo-Information, 2015, 4, 493-514.	2.9	3
33	Multidimensional Data Exploration by Explicitly Controlled Animation. Informatics, 2017, 4, 26.	3.9	3
34	Visual analytics for stochastic simulation in cell biology. , 2011, , .		3
35	A Visualization Approach for Cross-level Exploration of Spatiotemporal Data. , 2013, , .		3
36	A Graph-based Overview Visualization for Data Landscapes. Computer Science and Information Technology, 2013, 1, 225-232.	0.1	2

#	ARTICLE	IF	CITATIONS
37	A data-driven platform for the coordination of independent Visual Analytics tools. Computers and Graphics, 2022, , .	2.5	2
38	Steering-by-example for Progressive Visual Analytics. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-26.	4.5	2
39	A Layered Approach to Lightweight Toolchaining in Visual Analytics. Communications in Computer and Information Science, 2020, , 313-337.	0.5	1
40	Aesthetics and Ordering in Stacked Area Charts. Lecture Notes in Computer Science, 2021, , 3-19.	1.3	0
41	Regenerative Systems - Challenges and Opportunities for Modeling, Simulation, and Visualizationfl. , 2009, , .		0
42	A Characterization of Data Exchange between Visual Analytics Tools. , 2020, , .		0
43	Enabling Collaborative Cybercartography with MapBlender. AGILE: GIScience Series, 0, 3, 1-6.	0.0	0