Carsten GÃ¶rg

List of Publications by Year
in descending order

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55	1,972	623734	552781
papers	citations	14	26
		h-index	g-index

56	56	56	1596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CANTARE: finding and visualizing network-based multi-omic predictive models. BMC Bioinformatics, 2021, 22, 80.	2.6	4
2	Multiomic Predictors of Shortâ€Term Weight Loss and Clinical Outcomes During a Behavioralâ€Based Weight Loss Intervention. Obesity, 2021, 29, 859-869.	3.0	9
3	Semantic Changepoint Detection for Finding Potentially Novel Research Publications. , 2020, , .		3
4	HIV Infection Is Associated with Loss of Anti-Inflammatory Alveolar Macrophages. Journal of Immunology, 2020, 205, 2447-2455.	0.8	6
5	ML-MEDIC: A Preliminary Study of an Interactive Visual Analysis Tool Facilitating Clinical Applications of Machine Learning for Precision Medicine. Applied Sciences (Switzerland), 2020, 10, 3309.	2.5	0
6	VOLARE: visual analysis of disease-associated microbiome-immune system interplay. BMC Bioinformatics, 2019, 20, 432.	2.6	6
7	Visualizing microbiomeâ€“immune system interplay. Immunotherapy, 2019, 11, 63-67.	2.0	8
8	Interaction for Immersive Analytics. Lecture Notes in Computer Science, 2018, , 95-138.	1.3	30
9	Functional intraepithelial lymphocyte changes in inflammatory bowel disease and spondyloarthritis have disease specific correlations with intestinal microbiota. Arthritis Research and Therapy, 2018, 20, 149.	3.5	39
10	Immersive Human-Centered Computational Analytics. Lecture Notes in Computer Science, 2018, , 139-163.	1.3	8
11	Phenotype-Specific Association of Single-Nucleotide Polymorphisms with Heart Failure and Preserved Ejection Fraction: a Genome-Wide Association Analysis of the Cardiovascular Health Study. Journal of Cardiovascular Translational Research, 2017, 10, 285-294.	2.4	16
12	Visual analysis of biological data-knowledge networks. BMC Bioinformatics, 2015, 16, 135.	2.6	29
13	PEAX: INTERACTIVE VISUAL ANALYSIS AND EXPLORATION OF COMPLEX CLINICAL PHENOTYPE AND GENE EXPRESSION ASSOCIATION. , 2014, , .		4
14	Visual Analytics for Biological Data. IEEE Computer Graphics and Applications, 2014, 34, 24-25.	1.2	0
15	Reflections on the evolution of the Jigsaw visual analytics system. Information Visualization, 2014, 13, 336-345.	1.9	18
16	Ontologies in Biological Data Visualization. IEEE Computer Graphics and Applications, 2014, 34, 8-15.	1.2	19
17	Scientistsâ€™ sense making when hypothesizing about disease mechanisms from expression data and their needs for visualization support. BMC Bioinformatics, 2014, 15, 117.	2.6	3
18	TRAINING THE NEXT GENERATION OF QUANTITATIVE BIOLOGISTS IN THE ERA OF BIG DATA. , 2014, , .		3

#	Article	IF	Citations
19	Visual Analytics Support for Intelligence Analysis. Computer, 2013, 46, 30-38.	1.1	10
20	Introduction to the special issue of selected articles from SOFTVISâ€™2010. Information Visualization, 2013, 12, 105-106.	1.9	0
21	Combining Computational Analyses and Interactive Visualization for Document Exploration and Sensemaking in Jigsaw. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 1646-1663.	4.4	58
22	Jigsaw to save vastopolis. , 2011, , .		0
23	Graph Analytics-Lessons Learned and Challenges Ahead. IEEE Computer Graphics and Applications, 2011, 31, 18-29.	1.2	9
24	How Can Visual Analytics Assist Investigative Analysis? Design Implications from an Evaluation. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 570-583.	4.4	44
25	GeneTracer: Gene sequence analysis of disease mutations VAST 2010 mini challenge 3 award: Excellent process explanation. , 2010, , .		0
26	Understanding Exception Handling: Viewpoints of Novices and Experts. IEEE Transactions on Software Engineering, 2010, 36, 150-161.	5.6	48
27	Data ingestion and evidence marshalling in Jigsaw VAST 2010 Mini Challenge 1 award: Good support for data ingest. , 2010, , .		2
28	Detecting user-visible failures in AJAX web applications by analyzing users' interaction behaviors. , 2010, , .		9
29	CodePad. , 2010, , .		23
30	Automated Bug Neighborhood Analysis for Identifying Incomplete Bug Fixes. , 2010, , .		11
31	Visualization and Language Processing for Supporting Analysis across the Biomedical Literature. Lecture Notes in Computer Science, 2010, , 420-429.	1.3	12
32	TaskBoard: Tracking pertinent task artifacts and plans. , 2009, , .		0
33	Fault localization and repair for Java runtime exceptions. , 2009, , .		37
34	Evaluating visual analytics systems for investigative analysis: Deriving design principles from a case study. , 2009, , .		55
35	Evaluating Visual Analytics at the 2007 VAST Symposium Contest. IEEE Computer Graphics and Applications, 2008, 28, 12-21.	1.2	39
36	Visualization of exception handling constructs to support program understanding. , 2008, , .		26

#	Article	IF	Citations
37	Visual Analytics: Definition, Process, and Challenges. Lecture Notes in Computer Science, 2008, , 154-175.	1.3	579
38	A catalogue of lightweight visualizations to support code smell inspection. , 2008, , .		38
39	Jigsaw: Supporting Investigative Analysis through Interactive Visualization. Information Visualization, 2008, 7, 118-132.	1.9	304
40	Improving change descriptions with change contexts. , 2008, , .		19
41	Why do developers neglect exception handling?. , 2008, , .		25
42	Jigsaw: Supporting Investigative Analysis through Interactive Visualization. , 2007, , .		108
43	Jigsaw meets Blue Iguanodon - The VAST 2007 Contest. , 2007, , .		12
44	Visual Analytics with Jigsaw. , 2007, , .		5
45	Design Guidelines for Ambient Software Visualization in the Workplace. , 2007, , .		9
46	Visual Representations. , 2007, , 163-230.		13
47	Enriching revision history with interactions. , 2006, , .		7
48	Lightweight visualizations for inspecting code smells. , 2006, , .		9
49	Mining refactorings in ARGOUML. , 2006, , .		1
50	How Important Is the â€œMental Mapâ€? â€“ An Empirical Investigation of a Dynamic Graph Layout Algorithm. , 2006, , 184-195.		77
51	Error detection by refactoring reconstruction. , 2005, , .		18
52	Dynamic Graph Drawing of Sequences of Orthogonal and Hierarchical Graphs. Lecture Notes in Computer Science, 2005, , 228-238.	1.3	30
53	Graphs, They Are Changing. Lecture Notes in Computer Science, 2002, , 23-31.	1.3	95
54	Animating Algorithms Live and Post Mortem. Lecture Notes in Computer Science, 2002, , 46-57.	1.3	4

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55	Preserving the Mental Map using Foresighted Layout. Eurographics, 2001, , 175-184.	0.4	31