Kim Marriott

List of Publications by Year
in descending order

37 papers	1,367 citations	430874 18 h-index	477307 29 g-index
37 all docs	37 docs citations	37 times ranked	855 citing authors

#	Article	IF	Citations
1	The Next Billion Users of Visualization. IEEE Computer Graphics and Applications, 2021, 41, 8-16.	1.2	7
2	There Is No Spoon: Evaluating Performance, Space Use, and Presence with Expert Domain Users in Immersive Analytics. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 536-546.	4.4	66
3	Tilt Map: Interactive Transitions Between Choropleth Map, Prism Map and Bar Chart in Immersive Environments. IEEE Transactions on Visualization and Computer Graphics, 2020, 27, 1-1.	4.4	29
4	The Data Visualisation and Immersive Analytics Research Lab at Monash University. Visual Informatics, 2020, 4, 41-49.	4.4	4
5	Reaching Broader Audiences With Data Visualization. IEEE Computer Graphics and Applications, 2020, 40, 82-90.	1.2	44
6	"Hey Model!" Â— Natural User Interactions and Agency in Accessible Interactive 3D Models. , 2020, , .		13
7	DoughNets: Visualising Networks Using Torus Wrapping. , 2020, , .		9
8	Tactile Presentation of Network Data: Text, Matrix or Diagram?. , 2020, , .		13
9	IATK: An Immersive Analytics Toolkit. , 2019, , .		75
10	Origin-Destination Flow Maps in Immersive Environments. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 693-703.	4.4	69
11	Understanding the Relationship Between Interactive Optimisation and Visual Analytics in the Context of Prostate Brachytherapy. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 319-329.	4.4	18
12	Graph Thumbnails: Identifying and Comparing Multiple Graphs at a Glance. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 3081-3095.	4.4	31
13	ContextuWall: Multi-site collaboration using display walls. Journal of Visual Languages and Computing, 2018, 46, 35-42.	1.8	5
14	Accessible Maps for the Blind. , 2018, , .		85
15	Many-to-Many Geographically-Embedded Flow Visualisation: An Evaluation. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 411-420.	4.4	58
16	Immersive Collaborative Analysis of Network Connectivity: CAVE-style or Head-Mounted Display?. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 441-450.	4.4	133
17	ImAxes. , 2017, , .		154
18	HOLA: Human-like Orthogonal Network Layout. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 349-358.	4.4	52

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19	High-Quality Ultra-Compact Grid Layout of Grouped Networks. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 339-348.	4.4	26
20	Conversion of KEGG metabolic pathways to SBGN maps including automatic layout. BMC Bioinformatics, 2013, 14, 250.	2.6	13
21	Edge Compression Techniques for Visualization of Dense Directed Graphs. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 2596-2605.	4.4	35
22	Memorability of Visual Features in Network Diagrams. IEEE Transactions on Visualization and Computer Graphics, 2012, 18, 2477-2485.	4.4	43
23	Hi-Trees and Their Layout. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 290-304.	4.4	10
24	A generic algorithm for layout of biological networks. BMC Bioinformatics, 2009, 10, 375.	2.6	30
25	Exploration of Networks using overview+detail with Constraint-based cooperative layout. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1293-1300.	4.4	46
26	Comparing usability of one-way and multi-way constraints for diagram editing. ACM Transactions on Computer-Human Interaction, 2008, 14, 1-38.	5.7	10
27	Parsing of algebraic expressions by experienced users of mathematics. European Journal of Cognitive Psychology, 2007, 19, 286-320.	1.3	13
28	IPSep-CoLa: An Incremental Procedure for Separation Constraint Layout of Graphs. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 821-828.	4.4	88
29	Checking modes of HAL programs. Theory and Practice of Logic Programming, 2005, 5, 623-667.	1.5	1
30	Removing Node Overlapping in Graph Layout Using Constrained Optimization. Constraints, 2003, 8, 143-171.	0.7	28
31	QOCA: A Constraint Solving Toolkit for Interactive Graphical Applications. Constraints, 2002, 7, 229-254.	0.7	21
32	A constraint extension to scalable vector graphics. , 2001, , .		34
33	Constraint-based document layout for the Web. Multimedia Systems, 2000, 8, 177-189.	4.7	64
34	Constrained Graph Layout. Constraints, 1998, 3, 289-314.	0.7	29
35	A practical object-oriented analysis engine for CLP. Software - Practice and Experience, 1998, 28, 199-224.	3.6	4
36	A practical object-oriented analysis engine for CLP. , 1998, 28, 199.		1

#	Article	IF	Citations
37	Difference-list transformation for Prolog. New Generation Computing, 1993, 11, 125-157.	3.3	6