

Jonathan C Roberts

List of Publications by Year in descending order

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54
papers

1,478
citations

840776

11
h-index

580821

25
g-index

58
all docs

58
docs citations

58
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual comparison for information visualization. Information Visualization, 2011, 10, 289-309.	1.9	417
2	State of the Art: Coordinated & Multiple Views in Exploratory Visualization. , 2007, , .		410
3	Visualization beyond the Desktop--the Next Big Thing. IEEE Computer Graphics and Applications, 2014, 34, 26-34.	1.2	88
4	Review of Designs for Haptic Data Visualization. IEEE Transactions on Haptics, 2010, 3, 119-137.	2.7	87
5	Sketching Designs Using the Five Design-Sheet Methodology. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 419-428.	4.4	60
6	<title>Multiple view and multiform visualization</title>. , 2000, , .		43
7	Visualization for the Physical Sciences. Computer Graphics Forum, 2012, 31, 2317-2347.	3.0	42
8	Angular Histograms: Frequency-Based Visualizations for Large, High Dimensional Data. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2572-2580.	4.4	36
9	Developing a writing assistant to help EAP writers with collocations in real time. ReCALL, 2019, 31, 23-39.	5.2	23
10	The Explanatory Visualization Framework: An Active Learning Framework for Teaching Creative Computing Using Explanatory Visualizations. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 791-801.	4.4	20
11	Prototyping 3D haptic data visualizations. Computers and Graphics, 2013, 37, 179-192.	2.5	16
12	Alternative Representations of 3D-Reconstructed Heritage Data. Journal on Computing and Cultural Heritage, 2016, 9, 1-18.	2.1	16
13	Where are we with Haptic Visualization?. , 2007, , .		15
14	Storyboarding for visual analytics. Information Visualization, 2015, 14, 27-50.	1.9	15
15	Coordinated Multiple Views for Exploratory GeoVisualization. , 0, , 25-48.		14
16	<title>Waltz: an exploratory visualization tool for volume data using multiform abstract displays</title>. , 1998, 3298, 112.		11
17	Interactive visual analytics of hydrodynamic flux for the coastal zone. Environmental Earth Sciences, 2014, 72, 3753-3766.	2.7	11
18	Five Design-Sheets: Creative Design and Sketching for Computing and Visualisation. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
19	Multisensory Immersive Analytics. Lecture Notes in Computer Science, 2018, , 57-94.	1.3	11
20	<title>Piecewise linear hypersurfaces using the marching cubes algorithm</title>. , 1999, , .		10
21	<title>Virtual haptic exploratory visualization of line graphs and charts</title>. , 2002, , .		9
22	HITPROTO: a tool for the rapid prototyping of haptic interactions for haptic data visualization. , 2010, , .		9
23	Contextual network navigation to provide situational awareness for network administrators. , 2015, , .		9
24	Multiple Views: different meanings and collocated words. Computer Graphics Forum, 2019, 38, 79-93.	3.0	9
25	Towards Quantifying Multiple View Layouts in Visualisation as Seen from Research Publications. , 2019, , .		8
26	<title>Encouraging coupled views for visualization exploration</title>. , 1999, , .		7
27	Using Virtual Reality for Interpreter-mediated Communication and Training. , 2012, , .		6
28	One View Is Not Enough: Review of and Encouragement for Multiple and Alternative Representations in 3D and Immersive Visualisation. Computers, 2022, 11, 20.	3.3	6
29	Exploratory visualization using bracketing. , 2004, , .		5
30	Integration of haptics with Web3D using the SAL. , 2009, , .		5
31	Force-Directed Parallel Coordinates. , 2013, , .		4
32	Crowd-Sourced Digitisation of Cultural Heritage Assets. , 2014, , .		4
33	Historical records, archives and photogrammetry. Historic Environment: Policy and Practice, 2016, 7, 25-42.	2.5	4
34	Explanatory Journeys: Visualising to Understand and Explain Administrative Justice Paths of Redress. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 518-528.	4.4	4
35	Special Issue on Visualization Teaching and Literacy. IEEE Computer Graphics and Applications, 2021, 41, 13-14.	1.2	4
36	SitaVis â€” Interactive situation awareness visualization of large datasets. , 2012, , .		3

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37	Training Interpreters Using Virtual Worlds. Lecture Notes in Computer Science, 2013, , 21-40.	1.3	3
38	A Community-Built Virtual Heritage Collection. Lecture Notes in Computer Science, 2016, , 91-110.	1.3	3
39	Novel Visual Metaphors for Multivariate Networks. Lecture Notes in Computer Science, 2014, , 127-150.	1.3	3
40	ColloCaid: a tool to help academic English writers find the words they need. , 2019, , 144-150.		3
41	Scale and the construction of real-world models in <I>Second Life</I>. Journal of Gaming and Virtual Worlds, 2010, 2, 259-279.	0.4	2
42	<title>Regular spatial separation for exploratory visualization</title>. , 2002, , .		1
43	Visualizing Evolving Searches with EvoBerry. Proceedings / International Conference on Information Visualisation, 2007, , .	0.0	1
44	epSpread - Storyboarding for visual analytics. , 2011, , .		1
45	Active Learning Activities in a Collaborative Teacher Setting in Colours, Design and Visualisation. Computers, 2022, 11, 68.	3.3	1
46	VASTvis â€” Visual analytics with multiple coordinated views. , 2010, , .		0
47	Introduction: Think, Prep, Sketch. , 2017, , 3-26.		0
48	Five Design-Sheet Examples and Applications. , 2017, , 299-325.		0
49	Thoughts, Ideas, Problems and Solutions. , 2017, , 43-84.		0
50	Sketching Design Skills. , 2017, , 121-149.		0
51	Creative Thinking, Creativity and Ideation. , 2017, , 175-207.		0
52	Sheet 1 of the Five Sheets. , 2017, , 211-244.		0
53	Social, Ethical and Other Considerations to Interface Design. , 2017, , 85-118.		0
54	Graphical Marks and Semiology for Sketching. , 2017, , 151-174.		0