

# Jason Dykes

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,980  
citations

236612

25  
h-index

264894

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Space, time and visual analytics. <i>International Journal of Geographical Information Science</i> , 2010, 24, 1577-1600.	2.2	342
2	Visualisation of Origins, Destinations and Flows with OD Maps. <i>Cartographic Journal</i> , 2010, 47, 117-129.	0.8	173
3	Interactive Visual Exploration of a Large Spatio-temporal Dataset: Reflections on a Geovisualization Mashup.. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2007, 13, 1176-1183.	2.9	153
4	Spatially Ordered Treemaps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1348-1355.	2.9	120
5	Human-Centered Approaches in Geovisualization Design: Investigating Multiple Methods Through a Long-Term Case Study. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2011, 17, 2498-2507.	2.9	84
6	Visual analysis of pressure in football. <i>Data Mining and Knowledge Discovery</i> , 2017, 31, 1793-1839.	2.4	70
7	Configuring Hierarchical Layouts to Address Research Questions. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2009, 15, 977-984.	2.9	63
8	Representation and its Relationship with Cartographic Visualization. <i>Cartography and Geographic Information Science</i> , 2001, 28, 13-28.	1.4	60
9	Sketchy Rendering for Information Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2012, 18, 2749-2758.	2.9	57
10	Creative User-Centered Visualization Design for Energy Analysts and Modelers. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2013, 19, 2516-2525.	2.9	57
11	Geographically Weighted Visualization: Interactive Graphics for Scale-Varying Exploratory Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2007, 13, 1161-1168.	2.9	49
12	Virtual environments for student fieldwork using networked components. <i>International Journal of Geographical Information Science</i> , 1999, 13, 397-416.	2.2	47
13	Attribute Signatures: Dynamic Visual Summaries for Analyzing Multivariate Geographical Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 2033-2042.	2.9	42
14	Persistent challenges in geovisualization – a community perspective. <i>International Journal of Cartography</i> , 2017, 3, 115-139.	0.2	42
15	Rethinking Map Legends with Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2010, 16, 890-899.	2.9	40
16	Map LineUps: Effects of spatial structure on graphical inference. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 391-400.	2.9	39
17	Using treemaps for variable selection in spatio-temporal visualisation. <i>Information Visualization</i> , 2008, 7, 210-224.	1.2	38
18	Exploring Uncertainty in Geodemographics with Interactive Graphics. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2011, 17, 2545-2554.	2.9	38

#	ARTICLE	IF	CITATIONS
19	Facilitating Interaction for Geovisualization. , 2005, , 265-291.		38
20	Using Java to interact with geo-referenced VRML within a virtual field course. Computers and Geosciences, 1999, 25, 1125-1136.	2.0	31
21	BallotMaps: Detecting Name Bias in Alphabetically Ordered Ballot Papers. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 2384-2391.	2.9	31
22	Design Exposition with Literate Visualization. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 759-768.	2.9	31
23	Treemap Cartography for showing Spatial and Temporal Traffic Patterns. Journal of Maps, 2010, 6, 135-146.	1.0	29
24	Moving beyond sequential design: Reflections on a rich multi-channel approach to data visualization. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 2171-2180.	2.9	28
25	Small Multiples with Gaps. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 381-390.	2.9	28
26	An Extensible Framework for Provenance in Human Terrain Visual Analytics. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 2139-2148.	2.9	27
27	Evaluating the Effectiveness of Representing Numeric Information Through Abstract Graphics in 3D Desktop Virtual Environments. Cartographic Journal, 2008, 45, 216-226.	0.8	26
28	Action Design Research and Visualization Design. , 2016, , .		26
29	A framework for evaluating geographical information. Journal of Information Science, 2002, 28, 39-50.	2.0	19
30	Rectangular Hierarchical Cartograms for Socio-Economic Data. Journal of Maps, 2010, 6, 330-345.	1.0	16
31	Reflection on Reflection in Applied Visualization Research. IEEE Computer Graphics and Applications, 2018, 38, 9-16.	1.0	16
32	A Framework for Augmenting the Visualization of Dynamic Raster Surfaces. Information Visualization, 2003, 2, 126-139.	1.2	15
33	Visualization Summit 2007: Ten Research Goals for 2010. Information Visualization, 2007, 6, 169-188.	1.2	14
34	Designing an exploratory visual interface to the results of citizen surveys. International Journal of Geographical Information Science, 2014, 28, 2090-2125.	2.2	14
35	Visual analysis design to support research into movement and use of space in Tallinn: A case study. Information Visualization, 2014, 13, 213-231.	1.2	13
36	GeoViz: interactive maps that help people think. International Journal of Geographical Information Science, 2014, 28, 2009-2012.	2.2	11

#	ARTICLE	IF	CITATIONS
37	Quantitative data graphics in 3D desktop-based virtual environments – an evaluation. International Journal of Digital Earth, 2015, 8, 623-639.	1.6	11
38	Supporting theoretically-grounded model building in the social sciences through interactive visualisation. Neurocomputing, 2017, 268, 153-163.	3.5	8
39	Featured Graphic. OD Maps for Showing Changes in Irish Female Migration between 1851 and 1911. Environment and Planning A, 2014, 46, 2795-2797.	2.1	4
40	Design Exposition Discussion Documents for Rich Design Discourse in Applied Visualization. IEEE Transactions on Visualization and Computer Graphics, 2020, 27, 1-1.	2.9	3
41	GeoVisual analytics, time to focus on time. Information Visualization, 2014, 13, 187-189.	1.2	2
42	On the Use of –Glyphmaps–™ for Analysing the Scale and Temporal Spread of COVID-19 Reported Cases. ISPRS International Journal of Geo-Information, 2021, 10, 213.	1.4	2
43	GeoViz – Linking Geovisualization with Spatial Analysis and Modelling. Cartographica, 2011, 46, 209-210.	0.2	1