

Colin Ware

List of Publications by Year in descending order

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47
papers

1,756
citations

279798

23
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

1454
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Measurements of Graph Aesthetics. <i>Information Visualization</i> , 2002, 1, 103-110.	1.9	279
2	Underwater components of humpback whale bubble-net feeding behaviour. <i>Behaviour</i> , 2011, 148, 575-602.	0.8	130
3	Interocular transfer of a visual aftereffect in normal and stereoblind humans. <i>Journal of Physiology</i> , 1974, 236, 707-721.	2.9	103
4	Changes in perceived color due to chromatic interactions. <i>Vision Research</i> , 1982, 22, 1353-1362.	1.4	78
5	Visualizing the underwater behavior of humpback whales. <i>IEEE Computer Graphics and Applications</i> , 2006, 26, 14-18.	1.2	75
6	Invasive seaweeds transform habitat structure and increase biodiversity of associated species. <i>Journal of Ecology</i> , 2017, 105, 1668-1678.	4.0	74
7	Shallow and deep lunge feeding of humpback whales in fjords of the West Antarctic Peninsula. <i>Marine Mammal Science</i> , 2011, 27, 587-605.	1.8	70
8	The Good, the Bad, and the Ugly: A Theoretical Framework for the Assessment of Continuous Colormaps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 923-933.	4.4	56
9	Surface-based flow visualization. <i>Computers and Graphics</i> , 2012, 36, 974-990.	2.5	54
10	Visualization of Large Nested Graphs in 3D: Navigation and Interaction. <i>Journal of Visual Languages and Computing</i> , 1998, 9, 299-317.	1.8	53
11	Using hand position for virtual object placement. <i>Visual Computer</i> , 1990, 6, 245-253.	3.5	52
12	Memory intensive statistical algorithms for multibeam bathymetric data. <i>Computers and Geosciences</i> , 1991, 17, 985-993.	4.2	50
13	The Importance of Stereo and Eye-Coupled Perspective for Eye-Hand Coordination in Fish Tank VR. <i>Presence: Teleoperators and Virtual Environments</i> , 2004, 13, 549-559.	0.6	50
14	Supporting Visual Queries on Medium-Sized Node-Link Diagrams. <i>Information Visualization</i> , 2005, 4, 49-58.	1.9	49
15	Toward a Perceptual Theory of Flow Visualization. <i>IEEE Computer Graphics and Applications</i> , 2008, 28, 6-11.	1.2	40
16	Coloured Illusory Triangles Due to Assimilation. <i>Perception</i> , 1980, 9, 103-107.	1.2	39
17	Using Color Dimensions to Display Data Dimensions. <i>Human Factors</i> , 1988, 30, 127-142.	3.5	39
18	Population-level lateralized feeding behaviour in North Atlantic humpback whales, <i>Megaptera novaeangliae</i> . <i>Animal Behaviour</i> , 2011, 82, 901-909.	1.9	38

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19	Human axial chromatic aberration found not to decline with age. Graefe's Archive for Clinical and Experimental Ophthalmology, 1982, 218, 39-41.	1.9	29
20	Bottom side-roll feeding by humpback whales (<i>Megaptera novaeangliae</i>) in the southern Gulf of Maine, U.S.A. Marine Mammal Science, 2014, 30, 494-511.	1.8	29
21	Filtering and brushing with motion. Information Visualization, 2002, 1, 66-79.	1.9	28
22	Measuring and Modeling the Feature Detection Threshold Functions of Colormaps. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2777-2790.	4.4	25
23	Using Velocity Control to Navigate 3D Graphical Environments: A Comparison of three Interfaces. Proceedings of the Human Factors Society Annual Meeting, 1991, 35, 300-304.	0.1	24
24	Illusory Line Linking Solid Rods. Perception, 1977, 6, 601-602.	1.2	23
25	Subjective contours independent of subjective brightness. Perception & Psychophysics, 1981, 29, 500-504.	2.3	23
26	An approach to the perceptual optimization of complex visualizations. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 509-521.	4.4	23
27	Designing a better weather display. Information Visualization, 2013, 12, 221-239.	1.9	21
28	Averaged Propulsive Body Acceleration (APBA) Can Be Calculated from Biologging Tags That Incorporate Gyroscopes and Accelerometers to Estimate Swimming Speed, Hydrodynamic Drag and Energy Expenditure for Steller Sea Lions. PLoS ONE, 2016, 11, e0157326.	2.5	21
29	Illusory Contours Can Arise in Dot Figures. Perception, 1978, 7, 191-194.	1.2	20
30	A simple heuristically-based method for expressive Stimulus-Response animation. Computers and Graphics, 1989, 13, 297-303.	2.5	20
31	Three dimensional imaging of the Belousov-Zhabotinsky reaction using magnetic resonance. Magnetic Resonance Imaging, 1997, 15, 719-725.	1.8	19
32	Texturing of Layered Surfaces for Optimal Viewing. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 1125-1132.	4.4	18
33	Quantitative Texton Sequences for Legible Bivariate Maps. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1523-1530.	4.4	18
34	Perception of Subjective Lines, Surfaces and Volumes in 3-Dimensional Constructions. Leonardo, 1978, 11, 111.	0.3	13
35	Representing Flow Patterns by Using Streamlines with Glyphs. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 1331-1341.	4.4	13
36	Orderable dimensions of visual texture for data display. , 1992, , .		12

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37	The Foundations of Experimental Semiotics: a Theory of Sensory and Conventional Representation. Journal of Visual Languages and Computing, 1993, 4, 91-100.	1.8	11
38	Chromatic Mach bands: Behavioral evidence for lateral inhibition in human color vision. Perception & Psychophysics, 1987, 41, 173-178.	2.3	10
39	Improving the Display of Wind Patterns and Ocean Currents. Bulletin of the American Meteorological Society, 2014, 95, 1573-1581.	3.3	10
40	Haptic state surface interactions. IEEE Computer Graphics and Applications, 2004, 24, 52-59.	1.2	8
41	The Phenomenon of Subjective Contours (Continued). Leonardo, 1978, 11, 348.	0.3	2
42	Target Finding With a Spatially Aware Handheld Chart Display. Human Factors, 2012, 54, 1040-1052.	3.5	2
43	The effect of group size on individual behavior of bubble-net feeding humpback whales in the southern Gulf of Maine. Marine Mammal Science, 0, , .	1.8	2
44	Textures for coding bathymetric data quality sectors on electronic navigational chart displays: design and evaluation. Cartography and Geographic Information Science, 0, , 1-20.	3.0	2
45	A global geographic grid system for visualizing bathymetry. Geoscientific Instrumentation, Methods and Data Systems, 2020, 9, 375-384.	1.6	1
46	Visual interactive stimuli techniques: interactive tools for exploring data using behavioral animation. Journal of Visual Languages and Computing, 2004, 15, 161-181.	1.8	0
47	Hairy Slices II: Depth Cues for Visualizing 3D Streamlines Through Cutting Planes. Computer Graphics Forum, 2020, 39, 25-35.	3.0	0