

Colin Ware

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hairy Slices II: Depth Cues for Visualizing 3D Streamlines Through Cutting Planes. <i>Computer Graphics Forum</i> , 2020, 39, 25-35.	3.0	0
2	A global geographic grid system for visualizing bathymetry. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2020, 9, 375-384.	1.6	1
3	Measuring and Modeling the Feature Detection Threshold Functions of Colormaps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 25, 2777-2790.	4.4	25
4	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
5	Invasive seaweeds transform habitat structure and increase biodiversity of associated species. <i>Journal of Ecology</i> , 2017, 105, 1668-1678.	4.0	74
6	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. <i>PLoS ONE</i> , 2016, 11, e0157326.	2.5	21
7	Improving the Display of Wind Patterns and Ocean Currents. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1573-1581.	3.3	10
8	Bottom side-roll feeding by humpback whales (<i>Megaptera novaeangliae</i>) in the southern Gulf of Maine, U.S.A. <i>Marine Mammal Science</i> , 2014, 30, 494-511.	1.8	29
9	Representing Flow Patterns by Using Streamlines with Glyphs. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2013, 19, 1331-1341.	4.4	13
10	Designing a better weather display. <i>Information Visualization</i> , 2013, 12, 221-239.	1.9	21
11	Target Finding With a Spatially Aware Handheld Chart Display. <i>Human Factors</i> , 2012, 54, 1040-1052.	3.5	2
12	Surface-based flow visualization. <i>Computers and Graphics</i> , 2012, 36, 974-990.	2.5	54
13	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
14	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
15	Underwater components of humpback whale bubble-net feeding behaviour. <i>Behaviour</i> , 2011, 148, 575-602.	0.8	130
16	Quantitative Texton Sequences for Legible Bivariate Maps. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2009, 15, 1523-1530.	4.4	18
17	Toward a Perceptual Theory of Flow Visualization. <i>IEEE Computer Graphics and Applications</i> , 2008, 28, 6-11.	1.2	40
18	Visualizing the underwater behavior of humpback whales. <i>IEEE Computer Graphics and Applications</i> , 2006, 26, 14-18.	1.2	75

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19	Texturing of Layered Surfaces for Optimal Viewing. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 1125-1132.	4.4	18
20	An approach to the perceptual optimization of complex visualizations. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 509-521.	4.4	23
21	Supporting Visual Queries on Medium-Sized Node-Link Diagrams. Information Visualization, 2005, 4, 49-58.	1.9	49
22	The Importance of Stereo and Eye-Coupled Perspective for Eye-Hand Coordination in Fish Tank VR. Presence: Teleoperators and Virtual Environments, 2004, 13, 549-559.	0.6	50
23	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
24	Haptic state surface interactions. IEEE Computer Graphics and Applications, 2004, 24, 52-59.	1.2	8
25	Cognitive Measurements of Graph Aesthetics. Information Visualization, 2002, 1, 103-110.	1.9	279
26	Filtering and brushing with motion. Information Visualization, 2002, 1, 66-79.	1.9	28
27	Visualization of Large Nested Graphs in 3D: Navigation and Interaction. Journal of Visual Languages and Computing, 1998, 9, 299-317.	1.8	53
28	Three dimensional imaging of the Belousov-Zhabotinsky reaction using magnetic resonance. Magnetic Resonance Imaging, 1997, 15, 719-725.	1.8	19
29	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
30	Orderable dimensions of visual texture for data display. , 1992, , .		12
31	Memory intensive statistical algorithms for multibeam bathymetric data. Computers and Geosciences, 1991, 17, 985-993.	4.2	50
32	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
33	Using hand position for virtual object placement. Visual Computer, 1990, 6, 245-253.	3.5	52
34	A simple heuristically-based method for expressive Stimulus-Response animation. Computers and Graphics, 1989, 13, 297-303.	2.5	20
35	Using Color Dimensions to Display Data Dimensions. Human Factors, 1988, 30, 127-142.	3.5	39
36	Chromatic Mach bands: Behavioral evidence for lateral inhibition in human color vision. Perception & Psychophysics, 1987, 41, 173-178.	2.3	10

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37	Changes in perceived color due to chromatic interactions. <i>Vision Research</i> , 1982, 22, 1353-1362.	1.4	78
38	Human axial chromatic aberration found not to decline with age. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1982, 218, 39-41.	1.9	29
39	Subjective contours independent of subjective brightness. <i>Perception & Psychophysics</i> , 1981, 29, 500-504.	2.3	23
40	Coloured Illusory Triangles Due to Assimilation. <i>Perception</i> , 1980, 9, 103-107.	1.2	39
41	Perception of Subjective Lines, Surfaces and Volumes in 3-Dimensional Constructions. <i>Leonardo</i> , 1978, 11, 111.	0.3	13
42	The Phenomenon of Subjective Contours (Continued). <i>Leonardo</i> , 1978, 11, 348.	0.3	2
43	Illusory Contours Can Arise in Dot Figures. <i>Perception</i> , 1978, 7, 191-194.	1.2	20
44	Illusory Line Linking Solid Rods. <i>Perception</i> , 1977, 6, 601-602.	1.2	23
45	Interocular transfer of a visual aftereffect in normal and stereoblind humans. <i>Journal of Physiology</i> , 1974, 236, 707-721.	2.9	103
46	The effect of group size on individual behavior of bubble-net feeding humpback whales in the southern Gulf of Maine. <i>Marine Mammal Science</i> , 0, , .	1.8	2
47	Textures for coding bathymetric data quality sectors on electronic navigational chart displays: design and evaluation. <i>Cartography and Geographic Information Science</i> , 0, , 1-20.	3.0	2