

Jian Chen

List of Publications by Year in descending order

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47
papers

2,259
citations

471371

17
h-index

477173

29
g-index

47
all docs

47
docs citations

47
times ranked

4639
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	4.1	522
2	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	2.4	365
3	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	3.7	352
4	A Systematic Review on the Practice of Evaluating Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2013, 19, 2818-2827.	2.9	216
5	Characterizing Provenance in Visualization and Data Analysis: An Organizational Framework of Provenance Types and Purposes. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2016, 22, 31-40.	2.9	146
6	Vispubdata.org: A Metadata Collection About IEEE Visualization (VIS) Publications. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 2199-2206.	2.9	96
7	Visualization as Seen through its Research Paper Keywords. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 771-780.	2.9	64
8	Corpus callosum size and shape in first-episode affective and schizophrenia-spectrum psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 77-82.	0.9	53
9	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 4673-4688.	1.9	53
10	Comparing 3D Vector Field Visualization Methods: A User Study. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2009, 15, 1219-1226.	2.9	37
11	Immersive Analytics: Time to Reconsider the Value of 3D for Information Visualisation. <i>Lecture Notes in Computer Science</i> , 2018, , 25-55.	1.0	37
12	An interactive method for generating harmonious color schemes. <i>Color Research and Application</i> , 2014, 39, 70-78.	0.8	35
13	Band-Specified Virtual Dimensionality for Band Selection: An Orthogonal Subspace Projection Approach. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 2822-2832.	2.7	32
14	Interaction for Immersive Analytics. <i>Lecture Notes in Computer Science</i> , 2018, , 95-138.	1.0	30
15	Effects of Stereo and Screen Size on the Legibility of Three-Dimensional Streamtube Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2012, 18, 2130-2139.	2.9	29
16	Channel Capacity Approach to Hyperspectral Band Subset Selection. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 4630-4644.	2.3	22
17	VIS30K: A Collection of Figures and Tables From IEEE Visualization Conference Publications. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 3826-3833.	2.9	19
18	Domain-Specific Design of 3D Interaction Techniques: An Approach for Designing Useful Virtual Environment Applications. <i>Presence: Teleoperators and Virtual Environments</i> , 2009, 18, 370-386.	0.3	14

#	ARTICLE	IF	CITATIONS
19	WebGVI: a web-based gene enrichment analysis and visualization tool. BMC Bioinformatics, 2017, 18, 237.	1.2	12
20	Just 5 Questions: Toward a Design Framework for Immersive Analytics. Lecture Notes in Computer Science, 2018, , 259-288.	1.0	12
21	Four considerations for supporting visual analysis in display ecologies. , 2015, , .		11
22	Toward A Deep Understanding of What Makes a Scientific Visualization Memorable. , 2018, , .		10
23	Exemplar-based Layout Fine-tuning for Node-link Diagrams. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1655-1665.	2.9	10
24	EINVis: A Visualization Tool for Analyzing and Exploring Genetic Interactions in Large-scale Association Studies. Genetic Epidemiology, 2013, 37, 675-685.	0.6	9
25	Visualization of longitudinal clinical trajectories using a graph-based approach. , 2015, , .		9
26	VisBubbles. , 2011, , .		8
27	PathRings: a web-based tool for exploration of ortholog and expression data in biological pathways. BMC Bioinformatics, 2015, 16, 165.	1.2	7
28	Validation of SplitVectors Encoding for Quantitative Visualization of Large-Magnitude-Range Vector Fields. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 1691-1705.	2.9	6
29	Effects of illumination, texture, and motion on task performance in 3D tensor-field streamtube visualizations. , 2012, , .		5
30	Hummod browser: An exploratory visualization tool for the analysis of whole-body physiology simulation data. , 2013, , .		5
31	Environmental visualization: applications to site characterization, remedial programs, and litigation support. Environmental Earth Sciences, 2014, 72, 3839-3846.	1.3	5
32	ENIGMA-Viewer: interactive visualization strategies for conveying effect sizes in meta-analysis. BMC Bioinformatics, 2017, 18, 253.	1.2	5
33	Measuring the Effects of Scalar and Spherical Colormaps on Ensembles of DMRI Tubes. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2818-2833.	2.9	4
34	DeepPaperComposer: A Simple Solution for Training Data Preparation for Parsing Research Papers. , 2020, , .		4
35	Visualization Resources: A Starting Point. , 2021, , .		4
36	A Global Spatio-Temporal Representation for Action Recognition. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
37	InShape: In-Situ Shape-Based Interactive Multiple-View Exploration of Diffusion MRI Visualizations. Lecture Notes in Computer Science, 2012, , 706-715.	1.0	3
38	Poster: A hybrid direct visual editing method for architectural massing study in virtual environments. , 2009, , .		2
39	Graph query algebra and visual proximity rules for biological pathway exploration. Information Visualization, 2017, 16, 217-231.	1.2	1
40	Towards A Task Taxonomy of Visual Analysis of Electronic Health or Medical Record Data. , 2018, , .		1
41	Document Domain Randomization for Deep Learning Document Layout Extraction. Lecture Notes in Computer Science, 2021, , 497-513.	1.0	1
42	Exploration of bat wing morphology through a strip method and visualization. , 2010, , .		0
43	Programming by sketch for scientific computing. , 2011, , .		0
44	Validation of SplitVector encoding and stereoscopy for quantitative visualization of quantum physics data in virtual environments. , 2015, , .		0
45	ImmunoExplorer: A Web-Based Multivariate Visualization System for Exploratory Analysis of Immunotherapy. , 2016, , .		0
46	ENIGMA-Viewer. , 2016, , .		0
47	Gryphon: A "Little"™ Domain-Specific Programming Language for Diffusion MRI Visualizations. , 2014, , 41-61.		0