Quang Vinh Nguyen

List of Publications by Year
in descending order

91 papers	826 citations	759233 12 h-index	677142 22 g-index
93 all docs	93 docs citations	93 times ranked	799 citing authors

#	Article	IF	Citations
1	Review of Innovative Immersive Technologies for Healthcare Applications. Innovations in Digital Health Diagnostics and Biomarkers, 2022, 2, 27-39.	0.9	10
2	Virtual reality for the observation of oncology models (VROOM): immersive analytics for oncology patient cohorts. Scientific Reports, 2022, 12, .	3.3	9
3	Cognitive Styleâ€™s Effects on User Task Performance in Network Visualisations. Lecture Notes in Computer Science, 2021, , 439-442.	1.3	0
4	Performance Analysis of Mobile, Edge and Cloud Computing Platforms for Distributed Applications. , 2021, , 21-45.		1
5	Parallel Nonlinear Dimensionality Reduction Using GPU Acceleration. Communications in Computer and Information Science, 2021, , 3-15.	0.5	2
6	Evaluation on interactive visualization data with scatterplots. Visual Informatics, 2020, 4, 1-10.	4.4	11
7	Data-intensive application scheduling on Mobile Edge Cloud Computing. Journal of Network and Computer Applications, 2020, 167, 102735.	9.1	30
8	Intelligent and Immersive Visual Analytics of Health Data. Studies in Computational Intelligence, 2020, , 29-44.	0.9	4
9	Enhancing Scatter-plots with Start-plots for Visualising Multi-dimensional Data. , 2020, , .		2
10	Designing infographics/visual icons of social network by referencing to the design concept of ancient Oracle Bone characters. , 2020, , .		1
11	The Role of Working Memory Capacity in Graph Reading Performance. , 2019, , .		1
12	Using Visualization to Illustrate Machine Learning Models for Genomic Data. , 2019, , .		3
13	What Works and What Doesnâ€™t Work? A Systematic Review of Digital Mental Health Interventions for Depression and Anxiety in Young People. Frontiers in Psychiatry, 2019, 10, 759.	2.6	205
14	Stroke Data Analysis through a HVN Visual Mining Platform. , 2019, , .		5
15	Passive RFID Localization in the Internet of Things. EAI/Springer Innovations in Communication and Computing, 2019, , 73-81.	1.1	1
16	Dynamic Resource Allocation in Hybrid Mobile Cloud Computing for Data-Intensive Applications. Lecture Notes in Computer Science, 2019, , 176-191.	1.3	5
17	Visual Analytics of Genomic and Cancer Data: A Systematic Review. Cancer Informatics, 2019, 18, 117693511983554.	1.9	18
18	Reduction of Cognitive Overload in Online Reviews Using Data Visualisation. , 2019, , .		0

#	Article	IF	Citations
19	Immersive Intelligence Genomic Data Visualisation. , 2019, , .		5
20	Two-Dimensional Immersive Cohort Analysis Supporting Personalised Medical Treatment. , 2019, , .		3
21	Young People's Response to Six Smartphone Apps for Anxiety and Depression: Focus Group Study. JMIR Mental Health, 2019, 6, e14385.	3.3	53
22	A Mobile Tool for Interactive Visualisation of Genomics Data. , 2018, , .		0
23	Enabling effective tree exploration using visual cues. Journal of Visual Languages and Computing, 2018, 47, 44-61.	1.8	2
24	A Space-Filling Multidimensional Visualization (SFMDVis) for Exploratory Data Analysis. Information Sciences, 2017, 390, 32-53.	6.9	4
25	Big data visual analytics. , 2017, , .		0
26	Interaction Visualisation of Complex Genomic Data with Game Engines. , 2017, , .		3
27	Interactive Data Exploration through Multiple Visual Contexts with Different Data Models and Dimensions. , 2017, , .		0
28	CorpusViz: Child and Adult Speech Visualisation. , 2017, , .		0
29	RFID Systems in Healthcare Settings and Activity of Daily Living in Smart Homes: A Review. E-health Telecommunication Systems and Networks, 2017, 06, 1-17.	0.5	17
30	Fine Dining Restaurant Framework Development and Survey. , 2017, , .		1
31	Visual Analytics of Complex Genomics Data to Guide Effective Treatment Decisions. Journal of Imaging, 2016, 2, 29.	3.0	13
32	Navigation in large hierarchical graph through chain-context views. Journal of Visualization, 2016, 19, 543-559.	1.8	1
33	Enabling decision trend analysis with interactive scatter plot matrices visualization. Journal of Visual Languages and Computing, 2016, 33, 13-23.	1.8	7
34	Deep Exploration of Multidimensional Data with Linkable Scatterplots. , 2016, , .		6
35	Areas of Life Visualisation: Growing Data-Reliance. Lecture Notes in Computer Science, 2016, , 227-234.	1.3	1
36	SumUp: Statistical Visual Query of Multivariate Data with Parallel-Coordinate Geometry. Lecture Notes in Computer Science, 2016, , 386-393.	1.3	1

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37	A Space Optimized Scatter Plot Matrix Visualization. Lecture Notes in Computer Science, 2016, , 382-385.	1.3	2
38	Passive RFID Localisation Framework in Smart Homes Healthcare Settings. Studies in Health Technology and Informatics, 2016, 231, 1-8.	0.3	4
39	Enabling Finger-Gesture Interaction with Kinect. , 2015, , .		2
40	Cabinet Tree: an orthogonal enclosure approach to visualizing and exploring big data. Journal of Big Data, 2015, 2, .	11.0	8
41	Divide and Conquer treemaps: Visualizing large trees with various shapes. Journal of Visual Languages and Computing, 2015, 31, 104-127.	1.8	9
42	Teaching Information Aesthetics as a Research Class in China. IEEE Computer Graphics and Applications, 2015, 35, 56-64.	1.2	2
43	Unlocking the Complexity of Port Data With Visualization. IEEE Transactions on Human-Machine Systems, 2015, 45, 272-279.	3.5	13
44	A Close-Range Gesture Interaction with Kinect. , 2015, , .		6
45	Interactive Visualization for Patient-to-Patient Comparison. Genomics and Informatics, 2014, 12, 21.	0.8	15
46	Visualizing large hierarchies with drawer trees. , 2014, , .		4
47	Using Visual Cues on DOITree for Visualizing Large Hierarchical Data. , 2014, , .		4
48	Drawing Large Weighted Graphs Using Clustered Force-Directed Algorithm. , 2014, , .		3
49	A Time-based Visualization for Web User Classification in Social Networks. , 2014, , .		4
50	TabuVis: A tool for visual analytics multidimensional datasets. Science China Information Sciences, 2013, 56, 1-12.	4.3	8
51	Visualizing large trees with divide & conquer partition. , 2013, , .		12
52	A novel 3D interactive visualization for medical data analysis. , 2012, , .		1
53	Rectangle orientation in area judgment task for treemap design. , 2012, , .		3
54	Angular Treemaps - A New Technique for Visualizing and Emphasizing Hierarchical Structures. , 2012, , .		11

#	ARTICLE	IF	CITATIONS
55	Perceptual User Study for Combined Treemap. , 2012, , .		1
56	Clutter Reduction in Multi-dimensional Visualization of Incomplete Data Using Sugiyama Algorithm. , 2012, , .		2
57	Force-directed Graph Visualization with Pre-positioning - Improving Convergence Time and Quality of Layout. , 2012, , .		4
58	Unlocking the complexity of genomic data of RMS patients through visual analytics. , 2012, , .		5
59	TabuVis. , 2012, , .		1
60	Visual Clustering of Spam Emails for DDoS Analysis. , 2011, , .		8
61	Visual Analytics of Clinical and Genetic Datasets of Acute Lymphoblastic Leukaemia. Lecture Notes in Computer Science, 2011, , 113-120.	1.3	12
62	Interactive visualization with user perspective. , 2010, , .		2
63	A Visual Analytics Tool for Analysing Microarray Data. , 2010, , .		0
64	Interactive Visualisation of Time-Based Vital Signs. Lecture Notes in Computer Science, 2010, , 545-553.	1.3	2
65	A Visualization Approach for Frauds Detection in Financial Market. , 2009, , .		43
66	A Zoomable Shopping Browser Using a Graphic-Treemap. , 2009, , .		0
67	Large Scale Network Analysis with Interactive Visualisation. , 2009, , .		0
68	Multi-dimensional Data Visualization using Concentric Coordinates. , 2009, , 95-118.		3
69	A New Interactive Platform for Visual Analytics of Social Networks. , 2009, , 231-244.		1
70	A Visual Method for High-Dimensional Data Cluster Exploration. Lecture Notes in Computer Science, 2009, , 699-709.	1.3	2
71	A Usability Study on the Use of Multi-Context Visualization. , 2008, , .		2
72	Context Visualization for Visual Data Mining. Lecture Notes in Computer Science, 2008, , 248-263.	1.3	4

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73	Navigating Large Clustered Graphs with Triple-Layer Display. Proceedings / International Conference on Information Visualisation, 2007, , .	0.0	4
74	A Kernel-based Algorithm for Multilevel Drawing Web Graphs. , 2007, , .		0
75	Three-Dimensional EncCon Tree. , 2007, , .		3
76	A Space Efficient Clustered Visualization of Large Graphs. , 2007, , .		9
77	Applying Graph Layout Techniques to Web Information Visualization and Navigation. , 2007, , .		7
78	A Fast Algorithm for Balanced Graph Clustering. Proceedings / International Conference on Information Visualisation, 2007, , .	0.0	13
79	Creating Visual Browsers for Large-Scale Online Auctions. Studies in Computational Intelligence, 2007, , 579-600.	0.9	1
80	Visualization of Relational Structure Among Scientific Articles. , 2007, , 415-425.		1
81	EncCon: An Approach to Constructing Interactive Visualization of Large Hierarchical Data. Information Visualization, 2005, 4, 1-21.	1.9	78
82	Space-Optimized Tree: A Connection+Enclosure Approach for the Visualization of Large Hierarchies. Information Visualization, 2003, 2, 3-15.	1.9	45
83	A space-optimized tree visualization. , 0, , .		22
84	A Combined Visualization of Multiple Relational Structures in Shared Collaborative Workspaces. , 0, , .		1
85	A new visualization approach for supporting knowledge management and collaboration in E-learning. , 0, , .		1
86	A focus+context visualization technique using semi-transparency. , 0, , .		7
87	DualView: A Focus+Context Technique for Navigating Large Graphs. , 0, , .		0
88	Attributed Graph Visualization of Collaborative Workspaces. , 0, , .		2
89	A Visualization Model for Web Sitemaps. , 0, , .		0
90	A Technique for Visualizing Dihedral Signal of Large Protein Sequences. , 0, , .		0

#	Article	IF	CITATIONS
91	Titanium Dioxide Photocatalysts: Performance Related Properties. Solid State Phenomena, 0, 162, 329-335.	0.3	1