

# Quang Vinh Nguyen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	What Works and What Doesn't Work? A Systematic Review of Digital Mental Health Interventions for Depression and Anxiety in Young People. <i>Frontiers in Psychiatry</i> , 2019, 10, 759.	2.6	205
2	EncCon: An Approach to Constructing Interactive Visualization of Large Hierarchical Data. <i>Information Visualization</i> , 2005, 4, 1-21.	1.9	78
3	Young People's Response to Six Smartphone Apps for Anxiety and Depression: Focus Group Study. <i>JMIR Mental Health</i> , 2019, 6, e14385.	3.3	53
4	Space-Optimized Tree: A Connection+Enclosure Approach for the Visualization of Large Hierarchies. <i>Information Visualization</i> , 2003, 2, 3-15.	1.9	45
5	A Visualization Approach for Frauds Detection in Financial Market. , 2009, , .		43
6	Data-intensive application scheduling on Mobile Edge Cloud Computing. <i>Journal of Network and Computer Applications</i> , 2020, 167, 102735.	9.1	30
7	A space-optimized tree visualization. , 0, , .		22
8	Visual Analytics of Genomic and Cancer Data: A Systematic Review. <i>Cancer Informatics</i> , 2019, 18, 117693511983554.	1.9	18
9	RFID Systems in Healthcare Settings and Activity of Daily Living in Smart Homes: A Review. <i>E-health Telecommunication Systems and Networks</i> , 2017, 06, 1-17.	0.5	17
10	Interactive Visualization for Patient-to-Patient Comparison. <i>Genomics and Informatics</i> , 2014, 12, 21.	0.8	15
11	A Fast Algorithm for Balanced Graph Clustering. <i>Proceedings / International Conference on Information Visualisation</i> , 2007, , .	0.0	13
12	Unlocking the Complexity of Port Data With Visualization. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 272-279.	3.5	13
13	Visual Analytics of Complex Genomics Data to Guide Effective Treatment Decisions. <i>Journal of Imaging</i> , 2016, 2, 29.	3.0	13
14	Visualizing large trees with divide & conquer partition. , 2013, , .		12
15	Visual Analytics of Clinical and Genetic Datasets of Acute Lymphoblastic Leukaemia. <i>Lecture Notes in Computer Science</i> , 2011, , 113-120.	1.3	12
16	Angular Treemaps - A New Technique for Visualizing and Emphasizing Hierarchical Structures. , 2012, , .		11
17	Evaluation on interactive visualization data with scatterplots. <i>Visual Informatics</i> , 2020, 4, 1-10.	4.4	11
18	Review of Innovative Immersive Technologies for Healthcare Applications. <i>Innovations in Digital Health Diagnostics and Biomarkers</i> , 2022, 2, 27-39.	0.9	10

#	ARTICLE	IF	CITATIONS
19	A Space Efficient Clustered Visualization of Large Graphs. , 2007, , .		9
20	Divide and Conquer treemaps: Visualizing large trees with various shapes. Journal of Visual Languages and Computing, 2015, 31, 104-127.	1.8	9
21	Virtual reality for the observation of oncology models (VROOM): immersive analytics for oncology patient cohorts. Scientific Reports, 2022, 12, .	3.3	9
22	Visual Clustering of Spam Emails for DDoS Analysis. , 2011, , .		8
23	TabuVis: A tool for visual analytics multidimensional datasets. Science China Information Sciences, 2013, 56, 1-12.	4.3	8
24	Cabinet Tree: an orthogonal enclosure approach to visualizing and exploring big data. Journal of Big Data, 2015, 2, .	11.0	8
25	A focus+context visualization technique using semi-transparency. , 0, , .		7
26	Applying Graph Layout Techniques to Web Information Visualization and Navigation. , 2007, , .		7
27	Enabling decision trend analysis with interactive scatter plot matrices visualization. Journal of Visual Languages and Computing, 2016, 33, 13-23.	1.8	7
28	A Close-Range Gesture Interaction with Kinect. , 2015, , .		6
29	Deep Exploration of Multidimensional Data with Linkable Scatterplots. , 2016, , .		6
30	Unlocking the complexity of genomic data of RMS patients through visual analytics. , 2012, , .		5
31	Stroke Data Analysis through a HVN Visual Mining Platform. , 2019, , .		5
32	Dynamic Resource Allocation in Hybrid Mobile Cloud Computing for Data-Intensive Applications. Lecture Notes in Computer Science, 2019, , 176-191.	1.3	5
33	Immersive Intelligence Genomic Data Visualisation. , 2019, , .		5
34	Navigating Large Clustered Graphs with Triple-Layer Display. Proceedings / International Conference on Information Visualisation, 2007, , .	0.0	4
35	Force-directed Graph Visualization with Pre-positioning - Improving Convergence Time and Quality of Layout. , 2012, , .		4
36	Visualizing large hierarchies with drawer trees. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
37	Using Visual Cues on DOITree for Visualizing Large Hierarchical Data. , 2014, , .		4
38	A Space-Filling Multidimensional Visualization (SFMDVis) for Exploratory Data Analysis. Information Sciences, 2017, 390, 32-53.	6.9	4
39	A Time-based Visualization for Web User Classification in Social Networks. , 2014, , .		4
40	Intelligent and Immersive Visual Analytics of Health Data. Studies in Computational Intelligence, 2020, , 29-44.	0.9	4
41	Context Visualization for Visual Data Mining. Lecture Notes in Computer Science, 2008, , 248-263.	1.3	4
42	Passive RFID Localisation Framework in Smart Homes Healthcare Settings. Studies in Health Technology and Informatics, 2016, 231, 1-8.	0.3	4
43	Three-Dimensional EncCon Tree. , 2007, , .		3
44	Rectangle orientation in area judgment task for treemap design. , 2012, , .		3
45	Drawing Large Weighted Graphs Using Clustered Force-Directed Algorithm. , 2014, , .		3
46	Interaction Visualisation of Complex Genomic Data with Game Engines. , 2017, , .		3
47	Using Visualization to Illustrate Machine Learning Models for Genomic Data. , 2019, , .		3
48	Two-Dimensional Immersive Cohort Analysis Supporting Personalised Medical Treatment. , 2019, , .		3
49	Multi-dimensional Data Visualization using Concentric Coordinates. , 2009, , 95-118.		3
50	Attributed Graph Visualization of Collaborative Workspaces. , 0, , .		2
51	A Usability Study on the Use of Multi-Context Visualization. , 2008, , .		2
52	Interactive visualization with user perspective. , 2010, , .		2
53	Clutter Reduction in Multi-dimensional Visualization of Incomplete Data Using Sugiyama Algorithm. , 2012, , .		2
54	Enabling Finger-Gesture Interaction with Kinect. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
55	Teaching Information Aesthetics as a Research Class in China. IEEE Computer Graphics and Applications, 2015, 35, 56-64.	1.2	2
56	Enabling effective tree exploration using visual cues. Journal of Visual Languages and Computing, 2018, 47, 44-61.	1.8	2
57	A Visual Method for High-Dimensional Data Cluster Exploration. Lecture Notes in Computer Science, 2009, , 699-709.	1.3	2
58	Interactive Visualisation of Time-Based Vital Signs. Lecture Notes in Computer Science, 2010, , 545-553.	1.3	2
59	A Space Optimized Scatter Plot Matrix Visualization. Lecture Notes in Computer Science, 2016, , 382-385.	1.3	2
60	Parallel Nonlinear Dimensionality Reduction Using GPU Acceleration. Communications in Computer and Information Science, 2021, , 3-15.	0.5	2
61	Enhancing Scatter-plots with Start-plots for Visualising Multi-dimensional Data. , 2020, , .		2
62	A Combined Visualization of Multiple Relational Structures in Shared Collaborative Workspaces. , 0, , .		1
63	A new visualization approach for supporting knowledge management and collaboration in E-learning. , 0, , .		1
64	Titanium Dioxide Photocatalysts: Performance Related Properties. Solid State Phenomena, 0, 162, 329-335.	0.3	1
65	A novel 3D interactive visualization for medical data analysis. , 2012, , .		1
66	Perceptual User Study for Combined Treemap. , 2012, , .		1
67	Navigation in large hierarchical graph through chain-context views. Journal of Visualization, 2016, 19, 543-559.	1.8	1
68	The Role of Working Memory Capacity in Graph Reading Performance. , 2019, , .		1
69	Passive RFID Localization in the Internet of Things. EAI/Springer Innovations in Communication and Computing, 2019, , 73-81.	1.1	1
70	Areas of Life Visualisation: Growing Data-Reliance. Lecture Notes in Computer Science, 2016, , 227-234.	1.3	1
71	Creating Visual Browsers for Large-Scale Online Auctions. Studies in Computational Intelligence, 2007, , 579-600.	0.9	1
72	A New Interactive Platform for Visual Analytics of Social Networks. , 2009, , 231-244.		1

#	ARTICLE	IF	CITATIONS
73	TabuVis. , 2012, , .		1
74	SumUp: Statistical Visual Query of Multivariate Data with Parallel-Coordinate Geometry. Lecture Notes in Computer Science, 2016, , 386-393.	1.3	1
75	Fine Dining Restaurant Framework Development and Survey. , 2017, , .		1
76	Visualization of Relational Structure Among Scientific Articles. , 2007, , 415-425.		1
77	Performance Analysis of Mobile, Edge and Cloud Computing Platforms for Distributed Applications. , 2021, , 21-45.		1
78	Designing infographics/visual icons of social network by referencing to the design concept of ancient Oracle Bone characters. , 2020, , .		1
79	DualView: A Focus+Context Technique for Navigating Large Graphs. , 0, , .		0
80	A Visualization Model for Web Sitemaps. , 0, , .		0
81	A Technique for Visualizing Dihedral Signal of Large Protein Sequences. , 0, , .		0
82	A Kernel-based Algorithm for Multilevel Drawing Web Graphs. , 2007, , .		0
83	A Zoomable Shopping Browser Using a Graphic-Treemap. , 2009, , .		0
84	Large Scale Network Analysis with Interactive Visualisation. , 2009, , .		0
85	A Visual Analytics Tool for Analysing Microarray Data. , 2010, , .		0
86	Big data visual analytics. , 2017, , .		0
87	Interactive Data Exploration through Multiple Visual Contexts with Different Data Models and Dimensions. , 2017, , .		0
88	CorpusViz: Child and Adult Speech Visualisation. , 2017, , .		0
89	A Mobile Tool for Interactive Visualisation of Genomics Data. , 2018, , .		0
90	Reduction of Cognitive Overload in Online Reviews Using Data Visualisation. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
91	Cognitive Style's Effects on User Task Performance in Network Visualisations. Lecture Notes in Computer Science, 2021, , 439-442.	1.3	0