Carlos Gustavo Resque dos Santos

List of Publications by Year
in descending order

34 **papers**	132 **citations**	1684188 5 **h-index**	1588992 8 **g-index**
35 **all docs**	35 **docs citations**	35 **times ranked**	85 **citing authors**

#	Article	IF	Citations
1	Evaluation of Convolutional Neural Network Architectures for Chart Image Classification. , 2018, , .		21
2	Guidelines for Graphical User Interface Design in Mobile Augmented Reality Applications. Lecture Notes in Computer Science, 2016, , 71-80.	1.3	11
3	Architecture Proposal for Data Extraction of Chart Images Using Convolutional Neural Network. , 2017, , .		10
4	A Real-World Approach on the Problem of Chart Recognition Using Classification, Detection and Perspective Correction. Sensors, 2020, 20, 4370.	3.8	10
5	UXmoodâ€"A Sentiment Analysis and Information Visualization Tool to Support the Evaluation of Usability and User Experience. Information (Switzerland), 2019, 10, 366.	2.9	9
6	Hybrid Approach Using Sensors, GPS and Vision Based Tracking to Improve the Registration in Mobile Augmented Reality Applications. International Journal of Multimedia and Ubiquitous Engineering, 2017, 12, 117-130.	0.4	9
7	Categorizing Issues in Mid-air InfoVis Interaction. , 2016, , .		7
8	Visualizing Multidimensional Data in Treemaps with Adaptive Glyphs. , 2018, , .		6
9	A Prototype Application to Generate Synthetic Datasets for Information Visualization Evaluations. , 2018, , .		6
10	Synthetic Datasets Generator for Testing Information Visualization and Machine Learning Techniques and Tools. IEEE Access, 2020, 8, 82917-82928.	4.2	6
11	A Review of Ways and Strategies on How to Collaborate in Information Visualization Applications. , 2016, , .		5
12	Depicting More Information in Enriched Squarified Treemaps with Layered Glyphs. Information (Switzerland), 2020, 11, 123.	2.9	4
13	A Visual Representation of Clusters Characteristics Using Edge Bundling for Parallel Coordinates. , 2017, , .		3
14	A low-cost multi-user augmented reality application for data visualization. Multimedia Tools and Applications, 2022, 81, 14773-14801.	3.9	3
15	Visualizing the Semantics of Music. , 2019, , .		2
16	A Card-Based Interaction to Design Visualizations in Augmented Reality Environments. , 2019, , .		2
17	UXmood - A Tool to Investigate the User Experience (UX) Based on Multimodal Sentiment Analysis and Information Visualization (InfoVis). , 2019, , .		2
18	A summarization glyph for sets of unreadable visual items in treemaps. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Heuristic Evaluation of a t-Commerce InfoVis Prototype. , 2015, , .		1
20	Suggestions for Interface Design Using Head Tracking and Voice Commands. , 2016, , .		1
21	A Low Level Evaluation of Head-Tracker and Speech Commands Interactions in Information Visualization Tasks. , 2016, , .		1
22	A Visual Physical-Chemical Parameters Analysis Approach for Evaluating the Influence of Port Facilities in Surface Water Quality. , 2018, , .		1
23	Synthetic Chart Image Generator: An Application for Generating Chart Image Datasets. , 2018, , .		1
24	Understanding data dimensions by cluster visualization using edge bundling in parallel coordinates. , 2018, , .		1
25	A Model to Support Fluid Transitions between Environments for Mobile Augmented Reality Applications. Sensors, 2019, 19, 4254.	3.8	1
26	Data Visualization Scenarios for the Analysis of Computational Evolutionary Techniques. , 2019, , .		1
27	Evaluation of Information Visualization Interaction Techniques Using Gestures and Widgets in 3D Environments. Lecture Notes in Computer Science, 2016, , 255-265.	1.3	1
28	A Visual-Interactive Idiom to Diagnose Missing Data Mechanisms. , 2020, , .		1
29	A Concurrent Architecture Proposal for Information Visualization Pipeline. , 2015, , .		0
30	Service Oriented Architecture for Data Visualization in Smart Devices. , 2015, , .		0
31	Visual Analysis Scenarios for Oceanographic Buoy Data. , 2019, , .		0
32	ChoroLibre: Supporting Georeferenced Demographic Information Visualization Through Hierarchical Choropleth Maps. , 2019, , .		0
33	Analyzing the Effect of Different Partial Overlap Sizes in Perceiving Visual Variables. , 2019, , .		0
34	EmojiText: An Information Visualization Technique for Analyzing Phrases and Sentiments. , 2021, , .		0