

Leandro A F Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

748
citations

1039406

9
h-index

887659

17
g-index

29
all docs

29
docs citations

29
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time line detection through an improved Hough transform voting scheme. Pattern Recognition, 2008, 41, 299-314.	5.1	336
2	A Physiologically-based Model for Simulation of Color Vision Deficiency. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1291-1298.	2.9	116
3	An Efficient Naturalness-Preserving Image-Recoloring Method for Dichromats. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1747-1754.	2.9	108
4	Feature selection methods for text classification: a systematic literature review. Artificial Intelligence Review, 2021, 54, 6149-6200.	9.7	49
5	An improved contrast enhancing approach for color-to-grayscale mappings. Visual Computer, 2008, 24, 505-514.	2.5	38
6	Hough Transform for real-time plane detection in depth images. Pattern Recognition Letters, 2018, 103, 8-15.	2.6	25
7	A general framework for subspace detection in unordered multidimensional data. Pattern Recognition, 2012, 45, 3566-3579.	5.1	12
8	A fast and accurate approach for computing the dimensions of boxes from single perspective images. Journal of the Brazilian Computer Society, 2006, 12, 19-30.	0.8	10
9	Association Rule Visualization and Pruning through Response-Style Data Organization and Clustering. Lecture Notes in Computer Science, 2012, , 71-80.	1.0	10
10	TbGAL: A Tensor-Based Library for Geometric Algebra. Advances in Applied Clifford Algebras, 2020, 30, 1.	0.5	6
11	Jecripe: how a serious game project encouraged studies in different computer science areas. , 2014, , .		5
12	Linear and geometric algebra approaches for sphere and spherical shell intersections in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e205" altimg="si1.svg" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="double-struck" \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$. Expert Systems With Applications, 2022, 187, 115993.	4.4	5
13	Accurate Location of Features of Interest in Street View Panoramic Sequences. , 2015, , .		4
14	Geometric Algebra to Describe the Exact Discretizable Molecular Distance Geometry Problem for an Arbitrary Dimension. Advances in Applied Clifford Algebras, 2019, 29, 1.	0.5	4
15	An Augmented Reality Periscope for Submarines with Extended Visual Classification. Sensors, 2021, 21, 7624.	2.1	4
16	Automatic alignment and reconstruction of facial depth images. Pattern Recognition Letters, 2014, 50, 82-90.	2.6	3
17	Uncertainty propagation: Avoiding the expensive sampling process for real-time image-based measurements. Computational Statistics and Data Analysis, 2008, 52, 3852-3876.	0.7	2
18	Handling uncertain data in subspace detection. Pattern Recognition, 2014, 47, 3225-3241.	5.1	2

#	ARTICLE	IF	CITATIONS
19	Determining the location of buildings given a single picture, environment maps and inaccurate GPS coordinates. , 2015, , .		2
20	New Methods for Morphological Erythrocytes Classification. , 2019, 2019, 4068-4071.		2
21	Exploring Lazy Evaluation and Compile-Time Simplifications for Efficient Geometric Algebra Computations. SEMA SIMAI Springer Series, 2021, , 111-131.	0.4	2
22	Water surface reconstruction and truly random numbers generation from images of wind-generated gravity waves. , 2017, , .		1
23	Hierarchy-of-Visual-Words: a Learning-Based Approach for Trademark Image Retrieval. , 2019, , .		1
24	Automatic Classification of Erythrocytes Using Artificial Neural Networks and Integral Geometry-Based Functions. , 2020, , .		1
25	A scanner for computing box dimensions in real time. , 2006, , .		0
26	Dynamic Per Object Ray Caching Textures for Real-Time Ray Tracing. , 2013, , .		0
27	Computing Vessel Velocity from Single Perspective Projection Images. , 2019, , .		0
28	Using Conventional Cameras as Sensors for Estimating Confidence Intervals for the Speed of Vessels from Single Images. Sensors, 2022, 22, 4213.	2.1	0