

# Alexei Manso Correa MacHado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1474386/publications.pdf>

Version: 2024-02-01

47  
papers

350  
citations

1039880

9  
h-index

887953

17  
g-index

47  
all docs

47  
docs citations

47  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Principal component analysis applied to multidimensional social indicators longitudinal studies: limitations and possibilities. <i>Geo Journal</i> , 2022, 87, 1453-1468.	1.7	17
2	Time-Space Analysis of Multidimensional Phenomena: A Composite Indicator of Social Exclusion Through k-Means. <i>Social Indicators Research</i> , 2022, 159, 569-591.	1.4	7
3	The Effects of Prenatal Diagnosis on the Interaction of the Mother-Infant Dyad: A Longitudinal Study of Prenatal Care in the First Year of Life. <i>Frontiers in Psychology</i> , 2022, 13, 804724.	1.1	1
4	Representing Multidimensional Phenomena of Geographic Interest: Benefit of the Doubt or Principal Component Analysis?. <i>Professional Geographer</i> , 2022, 74, 758-771.	1.0	4
5	Automatic measurement of pressure ulcers using Support Vector Machines and GrabCut. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105867.	2.6	11
6	Adequacy and Consistency of an Intraurban Inequality Indicator Constructed through Principal Component Analysis. <i>Professional Geographer</i> , 2021, 73, 282-296.	1.0	17
7	From 3D to 2D: Transferring knowledge for rib segmentation in chest X-rays. <i>Pattern Recognition Letters</i> , 2020, 140, 10-17.	2.6	11
8	Measuring Intra-Urban Inequality with Structural Equation Modeling: A Theory-Grounded Indicator. <i>Sustainability</i> , 2020, 12, 8610.	1.6	14
9	Voice Navigation Effects on Real-World Lane Change Driving Analysis Using an Electroencephalogram. <i>IEEE Access</i> , 2018, 6, 26483-26492.	2.6	6
10	Forecasting Internet Demand Using Public Data: A Case Study in Brazil. <i>IEEE Access</i> , 2018, 6, 65974-65980.	2.6	6
11	Individualized threshold for tumor segmentation in 18F-FDG PET/CT imaging: The key for response evaluation of neoadjuvant chemoradiation therapy in patients with rectal cancer?. <i>Revista Da Associação Médica Brasileira</i> , 2018, 64, 119-126.	0.3	2
12	A computational method for semi-automatic measurement of pressure ulcers. <i>Wound Repair and Regeneration</i> , 2018, 26, 332-339.	1.5	2
13	Raman spectroscopy with a 1064-nm wavelength laser as a potential molecular tool for prostate cancer diagnosis: a pilot study. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	12
14	Automatic Detection of Red Light Running Using Vehicular Cameras. <i>IEEE Latin America Transactions</i> , 2017, 15, 81-86.	1.2	5
15	An interval space reducing method for constrained problems with particle swarm optimization. <i>Applied Soft Computing Journal</i> , 2017, 59, 405-417.	4.1	14
16	Effects on 18F-FDG PET/CT Brain Glucose Metabolism in Rectal Cancer Patients Undergoing Neoadjuvant Chemotherapy. <i>Clinical Nuclear Medicine</i> , 2017, 42, e484-e490.	0.7	3
17	Deep contextual description of superpixels for aerial urban scenes classification. , 2017, , .		3
18	Star: A Contextual Description of Superpixels for Remote Sensing Image Classification. <i>Lecture Notes in Computer Science</i> , 2017, , 300-308.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Control of mobile robots with Amorphic Architecture. IEEE Latin America Transactions, 2016, 14, 3093-3101.	1.2	1
20	People Detection and Tracking in Low Frame-rate Dynamic Scenes. IEEE Latin America Transactions, 2016, 14, 1966-1971.	1.2	8
21	The 2D factor analysis and its application to face recognition with a single sample per person. , 2015, , .		2
22	Dependence aliasing and the control of family-wise error rate in multiple hypothesis testing. Statistics and Computing, 2015, 25, 669-681.	0.8	3
23	A Multicriteria Method for Cervical Tumor Segmentation in Positron Emission Tomography. , 2014, , .		3
24	Towards a better comprehension of the role of image registration in face recognition algorithms. , 2011, , .		2
25	MammoSys: A content-based image retrieval system using breast density patterns. Computer Methods and Programs in Biomedicine, 2010, 99, 289-297.	2.6	73
26	A step-down method for correcting multiple hypothesis testing in biomedical signal processing. , 2009, , .		0
27	Linear Models for Visual Data Mining in Medical Images. Studies in Computational Intelligence, 2009, , 321-344.	0.7	0
28	Content-Based Retrieval of Medical Images with Elongated Structures. Communications in Computer and Information Science, 2008, , 189-201.	0.4	1
29	Corpus callosum morphology and ventricular size in chromosome 22q11.2 deletion syndrome. Brain Research, 2007, 1131, 197-210.	1.1	46
30	Multiple Testing Correction in Medical Image Analysis. Journal of Mathematical Imaging and Vision, 2007, 29, 107-117.	0.8	11
31	Increasing statistical power in medical image analysis. Computer Graphics and Image Processing (SIBGRAPI), Proceedings of the Brazilian Symposium on, 2006, , .	0.0	0
32	A Parallel Implementation of the Finite Volume Method for the Simulation of the Natural Convection in a Closed Cavity. Lecture Notes in Computer Science, 2006, , 748-757.	1.0	0
33	True Factor Analysis in Medical Imaging: Dealing with High-Dimensional Spaces. , 2005, , .		0
34	Determining the Appropriate Feature Set for Fish Classification Tasks. , 2005, , .		19
35	Structural shape characterization via exploratory factor analysis. Artificial Intelligence in Medicine, 2004, 30, 97-118.	3.8	6
36	Visual data mining for modeling prior distributions in morphometry - minimizing data redundancy and revealing hidden patterns. IEEE Signal Processing Magazine, 2004, 23, 20-27.	4.6	10

#	ARTICLE	IF	CITATIONS
37	Bayesian model for intensity mapping in magnetic resonance image registration. Journal of Electronic Imaging, 2003, 12, 31.	0.5	3
38	<title>Factor analysis of high-dimensional heterogeneous data for structural characterization</title>. , 2001, , .		0
39	<title>Exploratory and confirmatory factor analysis in morphometry</title>. , 2000, 3979, 718.		1
40	<title>Likelihood estimation in image warping</title>. , 1999, 3661, 593.		0
41	Method for Estimating the Intensity Mapping between MRI Images. Lecture Notes in Computer Science, 1999, , 496-501.	1.0	1
42	<title>Atlas warping for brain morphometry</title>. , 1998, , .		18
43	Training neural networks with influence diagrams. Lecture Notes in Computer Science, 1995, , 245-256.	1.0	0
44	Probabilistic intensity mapping in MRI image registration. , 0, , .		0
45	Substructural segmentation based on regional shape differences. , 0, , .		1
46	An image retrieval method based on factor analysis. , 0, , .		4
47	CLASSIFICAÇÃO DE IMAGENS MAMOGRÁFICAS NA ESCALA DE DENSIDADE BI-RADS UTILIZANDO DESCRITORES DE TEXTURA. , 0, , .		0