

# Alexandre M Savio

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,065  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based analysis of multishell diffusion MR data for tractography: How to get over fitting problems. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1846-1855.	3.0	336
2	Computer Aided Diagnosis system for Alzheimer Disease using brain Diffusion Tensor Imaging features selected by Pearson's correlation. <i>Neuroscience Letters</i> , 2011, 502, 225-229.	2.1	111
3	Computer aided diagnosis of schizophrenia on resting state fMRI data by ensembles of ELM. <i>Neural Networks</i> , 2015, 68, 23-33.	5.9	74
4	Evolutionary ELM wrapper feature selection for Alzheimer's disease CAD on anatomical brain MRI. <i>Neurocomputing</i> , 2014, 128, 73-80.	5.9	72
5	Resting-State Networks as Simultaneously Measured with Functional MRI and PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1314-1317.	5.0	71
6	Hybrid dendritic computing with kernel-LICA applied to Alzheimer's disease detection in MRI. <i>Neurocomputing</i> , 2012, 75, 72-77.	5.9	53
7	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. <i>Human Brain Mapping</i> , 2014, 35, 3819-3831.	3.6	53
8	Neurocognitive disorder detection based on feature vectors extracted from VBM analysis of structural MRI. <i>Computers in Biology and Medicine</i> , 2011, 41, 600-610.	7.0	48
9	Deformation based feature selection for Computer Aided Diagnosis of Alzheimer's Disease. <i>Expert Systems With Applications</i> , 2013, 40, 1619-1628.	7.6	32
10	Classification Results of Artificial Neural Networks for Alzheimer's Disease Detection. <i>Lecture Notes in Computer Science</i> , 2009, , 641-648.	1.3	30
11	Discrimination between Alzheimer's Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 231.	3.4	28
12	A lattice computing approach for on-line fMRI analysis. <i>Image and Vision Computing</i> , 2010, 28, 1155-1161.	4.5	25
13	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. <i>Neurocomputing</i> , 2015, 164, 154-161.	5.9	24
14	Integrity of Neurocognitive Networks in Dementing Disorders as Measured with Simultaneous PET/Functional MRI. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1341-1347.	5.0	23
15	On the Use of Morphometry Based Features for Alzheimer's Disease Detection on MRI. <i>Lecture Notes in Computer Science</i> , 2009, , 957-964.	1.3	19
16	Brain MRI morphological patterns extraction tool based on Extreme Learning Machine and majority vote classification. <i>Neurocomputing</i> , 2016, 174, 344-351.	5.9	19
17	Eigenanatomy on Fractional Anisotropy Imaging Provides White Matter Anatomical Features Discriminating Between Alzheimer's Disease and Late Onset Bipolar Disorder. <i>Current Alzheimer Research</i> , 2016, 13, 557-565.	1.4	9
18	Pypes: Workflows for Processing Multimodal Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 25.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Deformation Based Features for Alzheimer's Disease Detection with Linear SVM. Lecture Notes in Computer Science, 2011, , 336-343.	1.3	5
20	An Ensemble of Classifiers Guided by the AAL Brain Atlas for Alzheimer's Disease Detection. Lecture Notes in Computer Science, 2013, , 107-114.	1.3	5
21	Meta-ensembles of Classifiers for Alzheimer's Disease Detection Using Independent ROI Features. Lecture Notes in Computer Science, 2013, , 122-130.	1.3	4
22	A Comparison of VBM Results by SPM, ICA and LICA. Lecture Notes in Computer Science, 2010, , 429-435.	1.3	1
23	Computer Aided Diagnosis of Schizophrenia Based on Local-Activity Measures of Resting-State fMRI. Lecture Notes in Computer Science, 2014, , 1-12.	1.3	1
24	Reply: Neurometabolic Resting-State Networks Derived from Seed-Based Functional Connectivity Analysis. Journal of Nuclear Medicine, 2018, 59, 1643.1-1643.	5.0	0