

# Xavier Sevillano

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5367462/xavier-sevillano-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

279  
citations

9  
h-index

16  
g-index

34  
ext. papers

381  
ext. citations

4.1  
avg, IF

3.53  
L-index

#	Paper	IF	Citations
29	Green tea extracts containing epigallocatechin-3-gallate modulate facial development in Down syndrome. <i>Scientific Reports</i> , <b>2021</b> , 11, 4715	4.9	4
28	Understanding Brain/Face Integration from Neuropsychiatric Disorders. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
27	Parallel hierarchical architectures for efficient consensus clustering on big multimedia cluster ensembles. <i>Information Sciences</i> , <b>2020</b> , 511, 212-228	7.7	6
26	MyROOT 2.0: An automatic tool for high throughput and accurate primary root length measurement. <i>Computers and Electronics in Agriculture</i> , <b>2020</b> , 168, 105125	6.5	2
25	Pressure injury image analysis with machine learning techniques: A systematic review on previous and possible future methods. <i>Artificial Intelligence in Medicine</i> , <b>2020</b> , 102, 101742	7.4	24
24	DXA-Based 3D Analysis of the Cortical and Trabecular Bone of Hip Fracture Postmenopausal Women: A Case-Control Study. <i>Journal of Clinical Densitometry</i> , <b>2020</b> , 23, 403-410	3.5	4
23	MyROOT: a method and software for the semiautomatic measurement of primary root length in Arabidopsis seedlings. <i>Plant Journal</i> , <b>2019</b> , 98, 1145-1156	6.9	9
22	Developing a videogame for learning signal processing and project management using project-oriented learning in ICT engineering degrees. <i>Computers in Human Behavior</i> , <b>2019</b> , 99, 381-395	7.7	2
21	Musical Vision: an interactive bio-inspired sonification tool to convert images into music. <i>Journal on Multimodal User Interfaces</i> , <b>2019</b> , 13, 231-243	1.7	3
20	QuickSpot: a video analytics solution for on-street vacant parking spot detection. <i>Multimedia Tools and Applications</i> , <b>2016</b> , 75, 17711-17743	2.5	18
19	DYNAMAP [Development of low cost sensors networks for real time noise mapping. <i>Noise Mapping</i> , <b>2016</b> , 3,	4.8	43
18	A Review of Physical and Perceptual Feature Extraction Techniques for Speech, Music and Environmental Sounds. <i>Applied Sciences (Switzerland)</i> , <b>2016</b> , 6, 143	2.6	77
17	Single-cell telomere-length quantification couples telomere length to meristem activity and stem cell development in Arabidopsis. <i>Cell Reports</i> , <b>2015</b> , 11, 977-989	10.6	16
16	Look, listen and find: A purely audiovisual approach to online videos geotagging. <i>Information Sciences</i> , <b>2015</b> , 295, 558-572	7.7	3
15	A one-shot domain-independent robust multimedia clustering methodology based on hybrid multimodal fusion. <i>Multimedia Tools and Applications</i> , <b>2014</b> , 73, 1507-1543	2.5	4
14	Audio and video cues for geo-tagging online videos in the absence of metadata <b>2012</b> ,		3
13	Indexing Large Online Multimedia Repositories Using Semantic Expansion and Visual Analysis. <i>IEEE MultiMedia</i> , <b>2012</b> , 19, 53-61	2.1	3

12	Geo-tagging online videos using semantic expansion and visual analysis <b>2012</b> ,		2
11	Positional and confidence voting-based consensus functions for fuzzy cluster ensembles. <i>Fuzzy Sets and Systems</i> , <b>2012</b> , 193, 1-32	3-7	16
10	Audiovisual Analysis and Synthesis for Multimodal Human-Computer Interfaces <b>2009</b> , 1-16		
9	Towards High-Quality Next-Generation Text-to-Speech Synthesis: A Multidomain Approach by Automatic Domain Classification. <i>IEEE Transactions on Audio Speech and Language Processing</i> , <b>2008</b> , 16, 1340-1354		16
8	BordaConsensus <b>2007</b> ,		5
7	A Hierarchical Consensus Architecture for Robust Document Clustering <b>2007</b> , 741-744		1
6	Text Clustering on Latent Thematic Spaces: Variants, Strengths and Weaknesses <b>2007</b> , 794-801		1
5	Feature diversity in cluster ensembles for robust document clustering <b>2006</b> ,		9
4	Reliability in ICA-Based Text Classification. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1213-1220	0-9	4
3	High quality Spanish restricted-domain TTS oriented to a weather forecast application		2
2	Epigallocatechin-3-Gallate Improves Facial Dysmorphology Associated with Down Syndrome		1
1	MyROOT: A novel method and software for the semi-automatic measurement of plant root length		1