

# Antoni Hernández-Fernández

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10836520/publications.pdf>

Version: 2024-02-01

18  
papers

300  
citations

759233

12  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compression as a Universal Principle of Animal Behavior. <i>Cognitive Science</i> , 2013, 37, 1565-1578.	1.7	56
2	On the physical origin of linguistic laws and lognormality in speech. <i>Royal Society Open Science</i> , 2019, 6, 191023.	2.4	36
3	The challenges of statistical patterns of language: The case of Menzerath's law in genomes. <i>Complexity</i> , 2013, 18, 11-17.	1.6	24
4	The Failure of the Law of Brevity in Two New World Primates. <i>Statistical Caveats.. Glottotheory</i> , 2013, 4, .	0.3	22
5	Emergence of linguistic laws in human voice. <i>Scientific Reports</i> , 2017, 7, 43862.	3.3	22
6	Size of the Whole versus Number of Parts in Genomes. <i>Entropy</i> , 2011, 13, 1465-1480.	2.2	20
7	When is Menzerath-Altmann law mathematically trivial? A new approach. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2014, 13, 633-44.	0.6	20
8	Speech pause distribution as an early marker for Alzheimer's disease. <i>Speech Communication</i> , 2022, 136, 107-117.	2.8	16
9	The Parameters of the Menzerath-Altmann Law in Genomes. <i>Journal of Quantitative Linguistics</i> , 2013, 20, 94-104.	1.2	15
10	Linguistic Laws in Speech: The Case of Catalan and Spanish. <i>Entropy</i> , 2019, 21, 1153.	2.2	15
11	Random models of Menzerath's Altmann law in genomes. <i>BioSystems</i> , 2012, 107, 167-173.	2.0	14
12	Polysemy and brevity versus frequency in language. <i>Computer Speech and Language</i> , 2019, 58, 19-50.	4.3	12
13	Testing the Robustness of Laws of Polysemy and Brevity Versus Frequency. <i>Lecture Notes in Computer Science</i> , 2016, , 19-29.	1.3	9
14	The Infochemical Core. <i>Journal of Quantitative Linguistics</i> , 2016, 23, 133-153.	1.2	6
15	Can Menzerath's law be a criterion of complexity in communication?. <i>PLoS ONE</i> , 2021, 16, e0256133.	2.5	6
16	Zipf's laws of meaning in Catalan. <i>PLoS ONE</i> , 2021, 16, e0260849.	2.5	2
17	Qualitative and Quantitative Examples of Natural and Artificial Phenomena. <i>Biosemiotics</i> , 2021, 14, 377.	1.4	1
18	¿Es el habla una señal cr�tica auto-organizada?. <i>INTERdisciplina</i> , 2020, 8, 113.	0.2	0