

# Fernando Ballesteros

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7685696/publications.pdf>

Version: 2024-02-01

24  
papers

2,354  
citations

759233

12  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1849  
citing authors

#	ARTICLE	IF	CITATIONS
1	From time series to complex networks: The visibility graph. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4972-4975.	7.1	1,290
2	Horizontal visibility graphs: Exact results for random time series. Physical Review E, 2009, 80, 046103.	2.1	546
3	MEASURING BARYON ACOUSTIC OSCILLATIONS ALONG THE LINE OF SIGHT WITH PHOTOMETRIC REDSHIFTS: THE PAU SURVEY. Astrophysical Journal, 2009, 691, 241-260.	4.5	129
4	Feigenbaum Graphs: A Complex Network Perspective of Chaos. PLoS ONE, 2011, 6, e22411.	2.5	87
5	Analytical properties of horizontal visibility graphs in the Feigenbaum scenario. Chaos, 2012, 22, 013109.	2.5	61
6	KIC 8462852: Will the Trojans return in 2021?. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L21-L25.	3.3	40
7	On the thermodynamic origin of metabolic scaling. Scientific Reports, 2018, 8, 1448.	3.3	35
8	Diving into Exoplanets: Are Water Seas the Most Common?. Astrobiology, 2019, 19, 642-654.	3.0	29
9	Quasiperiodic Graphs: Structural Design, Scaling and Entropic Properties. Journal of Nonlinear Science, 2013, 23, 335-342.	2.1	25
10	New insights into black bodies. Europhysics Letters, 2012, 97, 34008.	2.0	17
11	Self-organized critical random Boolean networks. Physical Review E, 2001, 63, 051913.	2.1	16
12	Random walk networks. Physica A: Statistical Mechanics and Its Applications, 2004, 342, 207-213.	2.6	14
13	NGC 1600: Cluster or Field Elliptical?. Astrophysical Journal, 2008, 679, 420-427.	4.5	11
14	Random Boolean networks response to external periodic signals. Physica A: Statistical Mechanics and Its Applications, 2002, 313, 289-300.	2.6	10
15	Variances as order parameter and complexity measure for random Boolean networks. Journal of Physics A, 2005, 38, 1031-1038.	1.6	7
16	Background in low Earth orbits measured by LEGRI telescope " short and long term variability. Nuclear Instruments & Methods in Physics Research B, 1999, 155, 160-168.	1.4	6
17	Title is missing!. Experimental Astronomy, 2001, 11, 207-222.	3.7	5
18	Order-disorder phase transition in random-walk networks. Physical Review E, 2005, 71, 031104.	2.1	5

#	ARTICLE	IF	CITATIONS
19	A <i>K</i> <sub>s</sub> -band-selected catalogue of objects in the ALHAMBRA survey. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4331-4348.	4.4	5
20	Walking on Exoplanets: Is Star Wars Right?. Astrobiology, 2016, 16, 325-327.	3.0	4
21	To the Sun and beyond. Nature Physics, 2019, 15, 1302-1302.	16.7	4
22	Legri Operations. Detectors and Detector Stability. Astrophysics and Space Science, 2001, 276, 239-254.	1.4	3
23	Gravity and Life. , 2018, , 3-26.		3
24	Poe: cor científic. Els antecedents de la ciència-ficció <sup>3</sup> . Metode, 2014, .	0.1	0