AndrÃ© Fonseca

List of Publications by Year
in descending order

28 papers	**615** citations	687363 **13** h-index	610901 **24** g-index
32 all docs	**32** docs citations	**32** times ranked	**854** citing authors

#	Article	IF	Citations
1	Beyond the target area: an integrative view of tDCS-induced motor cortex modulation in patients and athletes. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 141.	4.6	89
2	What is the effect of LiDAR-derived DEM resolution on large-scale watershed model results?. Environmental Modelling and Software, 2014, 58, 48-57.	4.5	76
3	Hydrogen distribution network optimization: a refinery case study. Journal of Cleaner Production, 2008, 16, 1755-1763.	9.3	74
4	Integrated hydrological and water quality model for river management: A case study on Lena River. Science of the Total Environment, 2014, 485-486, 474-489.	8.0	61
5	Grapevine Phenology of cv. Touriga Franca and Touriga Nacional in the Douro Wine Region: Modelling and Climate Change Projections. Agronomy, 2019, 9, 210.	3.0	55
6	Watershed model parameter estimation and uncertainty in data-limited environments. Environmental Modelling and Software, 2014, 51, 84-93.	4.5	48
7	Recent and future changes of precipitation extremes in mainland Portugal. Theoretical and Applied Climatology, 2019, 137, 1305-1319.	2.8	40
8	Water quality modelling of Lis River, Portugal. Environmental Science and Pollution Research, 2013, 20, 508-524.	5.3	32
9	Climate Projections for Precipitation and Temperature Indicators in the Douro Wine Region: The Importance of Bias Correction. Agronomy, 2021, 11, 990.	3.0	25
10	Water quality in Lis river, Portugal. Environmental Monitoring and Assessment, 2012, 184, 7125-7140.	2.7	24
11	Bioclimatic conditions of the Portuguese wine denominations of origin under changing climates. International Journal of Climatology, 2020, 40, 927-941.	3.5	23
12	Performance evaluation of the main units of a refinery wastewater treatment plant – A case study. Journal of Environmental Chemical Engineering, 2015, 3, 2095-2103.	6.7	16
13	Integrating water quality responses to best management practices in Portugal. Environmental Science and Pollution Research, 2018, 25, 1587-1596.	5.3	14
14	Intrahemispheric EEG: A New Perspective for Quantitative EEG Assessment in Poststroke Individuals. Neural Plasticity, 2021, 2021, 1-8.	2.2	7
15	Complex dynamics of semantic memory access in reading. Journal of the Royal Society Interface, 2012, 9, 328-338.	3.4	5
16	Dissemination and evolution of SARS‐CoV‐2 in the early pandemic phase in South America. Journal of Medical Virology, 2021, 93, 4496-4507.	5.0	5
17	Disrupting morphosyntactic and lexical semantic processing has opposite effects on the sample entropy of neural signals. Brain Research, 2015, 1604, 1-14.	2.2	4
18	Burning clean fuel gas improves energetic efficiency. Energy Conversion and Management, 2010, 51, 498-504.	9.2	3

#	Article	IF	Citations
19	Are Land Use Options in Viticulture and Oliviculture in Agreement with Bioclimatic Shifts in Portugal?. Land, 2021, 10, 869.	2.9	3
20	Homoclinic bifurcations in reversible Hamiltonian systems. Applied Mathematics and Computation, 2006, 176, 654-661.	2.2	2
21	Soliton parameters and chaotic sets. Chaos, Solitons and Fractals, 2009, 39, 547-555.	5.1	1
22	The Impact of a Hydroelectric Power Plant on a Regional Climate in Portugal. Atmosphere, 2021, 12, 1400.	2.3	1
23	Agricultural Water Security under Climate Change in the Iberian Peninsula. Water (Switzerland), 2022, 14, 768.	2.7	1
24	Direct Detection and Quantification of Bacterial Pathogens from Broiler Cecal Samples in the Slaughter Line by Real-Time PCR. Brazilian Journal of Poultry Science, 2022, 24, .	0.7	1
25	Normally Hyperbolic Sets in Discontinuous Dry Friction Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550086.	1.7	0
26	Chaotic Dynamics in Brain Activity: An Approach Based on Cross-Prediction Errors for Nonstationary Signals. Advances in Data Science and Adaptive Analysis, 2018, 10, 1840003.	0.4	0
27	Solitons Bifurcations in Presence of Surface Tension. , 2007, , .		0
28	Variability measures in neural systems: bases for an automatic sleep staging independent of spectral analysis. , 0, , .		0