Fernando San José Martínez

List of Publications by Year
in descending order

32	671	623734	552781
papers	citations	14	26
		h-index	g-index

33	33	33	593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Editorial for the special issue on â€œAdvances in soil scaling: Theories, techniques and applicationsâ€. European Journal of Soil Science, 2021, 72, 491-494.	3.9	0
2	Longâ€range correlations of soil water content time series under tillage and different cover crops in a semiâ€arid vineyard. European Journal of Soil Science, 2021, 72, 623-634.	3.9	4
3	Attitudes of academics and students towards English-medium instruction in Engineering Studies. European Journal of Engineering Education, 2021, 46, 1043-1057.	2.3	3
4	Minkowski Functionals of Connected Soil Porosity as Indicators of Soil Tillage and Depth. Frontiers in Environmental Science, 2018, 6, .	3.3	7
5	Lacunarity of soil macropore space arrangement of CT images: Effect of soil management and depth. Geoderma, 2017, 287, 80-89.	5.1	18
6	A protocol for fractal studies on porosity of porous media: High quality soil porosity images. Journal of Earth Science (Wuhan, China), 2017, 28, 888-896.	3.2	5
7	Morphological Functions with Parallel Sets for the Pore Space of X-ray CT Images of Soil Columns. Pure and Applied Geophysics, 2016, 173, 995-1009.	1.9	4
8	Volume, Surface, Connectivity and Size Distribution of Soil Pore Space in CT Images: Comparison of Samples at Different Depths from Nearby Natural and Tillage Areas. Pure and Applied Geophysics, 2015, 172, 167-179.	1.9	14
9	AN INTRODUCTION TO FLOW AND TRANSPORT IN FRACTAL MODELS OF POROUS MEDIA: PART II. Fractals, 2015, 23, 1502001.	3.7	9
10	Soil aggregate geometry: Measurements and morphology. Geoderma, 2015, 237-238, 36-48.	5.1	19
11	FRACTAL PARAMETERS OF PORE SPACE FROM CT IMAGES OF SOILS UNDER CONTRASTING MANAGEMENT PRACTICES. Fractals, 2014, 22, 1440011.	3.7	5
12	AN INTRODUCTION TO FLOW AND TRANSPORT IN FRACTAL MODELS OF POROUS MEDIA: PART I. Fractals, 2014, 22, 1402001.	3.7	15
13	Parallel Sets and Morphological Measurements of CT Images of Soil Pore Structure in a Vineyard. Lecture Notes in Earth System Sciences, 2014, , 205-210.	0.6	0
14	Scaling in Soil and Other Complex Porous Media. Vadose Zone Journal, 2013, 12, 1-4.	2.2	3
15	Morphological Functions to Quantify Threeâ€Dimensional Tomograms of Macropore Structure in a Vineyard Soil with Two Different Management Regimes. Vadose Zone Journal, 2013, 12, 1-11.	2.2	8
16	Lacunarity of the Spatial Distributions of Soil Types in Europe. Vadose Zone Journal, 2013, 12, 1-9.	2.2	5
17	Modelling solute transport in soil columns using advectiveâ€“dispersive equations with fractional spatial derivatives. Advances in Engineering Software, 2010, 41, 4-8.	3.8	20
18	Multifractal analysis of discretized X-ray CT images for the characterization of soil macropore structures. Geoderma, 2010, 156, 32-42.	5.1	135

#	ARTICLE	IF	CITATIONS
19	Multifractal modeling of soil microtopography with multiple transects data. Ecological Complexity, 2009, 6, 240-245.	2.9	18
20	The spatial distribution of soils across Europe: A fractal approach. Ecological Complexity, 2009, 6, 294-301.	2.9	25
21	Advectiveâ€"Dispersive Equation with Spatial Fractional Derivatives Evaluated with Tracer Transport Data. Vadose Zone Journal, 2009, 8, 242-249.	2.2	3
22	Representative elementary area for multifractal analysis of soil porosity using entropy dimension. Nonlinear Processes in Geophysics, 2007, 14, 503-511.	1.3	19
23	RÃ©nyi dimensions and pedodiversity indices of the earth pedotaxa distribution. Nonlinear Processes in Geophysics, 2007, 14, 547-555.	1.3	16
24	Selfsimilarity of pedotaxa distributions at the planetary scale: A multifractal approach. Geoderma, 2006, 134, 306-317.	5.1	25
25	Pedodiversity-area relationships for islands. Ecological Modelling, 2005, 182, 257-269.	2.5	56
26	Multifractal scaling of soil spatial variability. Ecological Modelling, 2005, 182, 291-303.	2.5	84
27	RÃ©nyi dimensions of soil pore size distribution. Geoderma, 2003, 112, 205-216.	5.1	85
28	Composition of Lorentz Transformations in Terms of Their Generators. General Relativity and Gravitation, 2002, 34, 1345-1356.	2.0	4
29	SINGULARITY FEATURES OF PORE-SIZE SOIL DISTRIBUTION: SINGULARITY STRENGTH ANALYSIS AND ENTROPY SPECTRUM. Fractals, 2001, 09, 305-316.	3.7	43
30	On the Lie algebras generated by two twoâ€"forms in Minkowski spaceâ€"time. Journal of Mathematical Physics, 1996, 37, 5792-5804.	1.1	1
31	On the commutator of two 2â€"forms in Minkowski spaceâ€"time. Journal of Mathematical Physics, 1995, 36, 4350-4362.	1.1	3
32	On the exponential of the 2-forms in relativity. General Relativity and Gravitation, 1990, 22, 811-826.	2.0	7