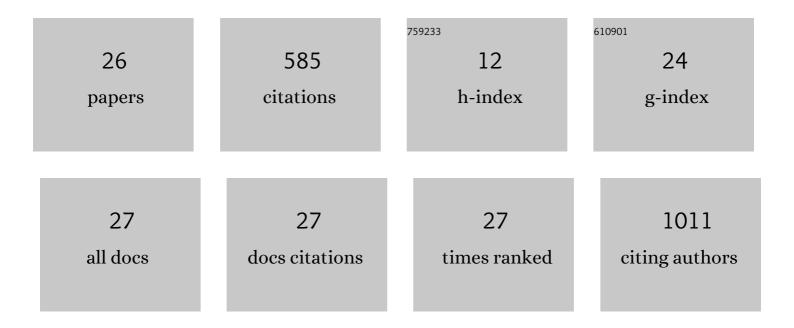
Ana M Laguna

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Concurrent variability of soil moisture and apparent electrical conductivity in the proximity of olive trees. Agricultural Water Management, 2021, 245, 106652.	5.6	6
2	Bioturbation and erosion rates along the soilâ€hillslope conveyor belt, part 2: Quantification using an analytical solution of the diffusion–advection equation. Earth Surface Processes and Landforms, 2019, 44, 2066-2080.	2.5	15
3	Controls on soil carbon storage from topography and vegetation in a rocky, semi-arid landscapes. Geoderma, 2018, 311, 159-166.	5.1	57
4	Efficiency of four different seeded plants and native vegetation as cover crops in the control of soil and carbon losses by water erosion in olive orchards. Land Degradation and Development, 2018, 29, 2278-2290.	3.9	43
5	Impact of historical land use and soil management change on soil erosion and agricultural sustainability during the Anthropocene. Anthropocene, 2017, 17, 13-29.	3.3	156
6	An assessment of policies affecting Sustainable Soil Management in Europe and selected member states. Land Use Policy, 2017, 66, 241-249.	5.6	39
7	Reconstructing long-term gully dynamics in Mediterranean agricultural areas. Hydrology and Earth System Sciences, 2017, 21, 235-249.	4.9	26
8	Recognition of materials and damage on historical buildings using digital image classification. South African Journal of Science, 2015, 111, 1-9.	0.7	19
9	Study of sediment movement in an irrigated maize–cotton system combining rainfall simulations, sediment tracers and soil erosion models. Journal of Hydrology, 2015, 524, 227-242.	5.4	18
10	Simulation of longâ€ŧerm soil redistribution by tillage using a cellular automata model. Earth Surface Processes and Landforms, 2010, 35, 761-770.	2.5	5
11	Exploring the effects of the vegetation on passive tracer transport by using the multifractal analysis. Geoderma, 2010, 160, 126-130.	5.1	1
12	Applying a simple methodology to assess historical soil erosion in olive orchards. Geomorphology, 2010, 114, 294-302.	2.6	53
13	Evaluating a general sediment transport model for linear incisions under field conditions. Earth Surface Processes and Landforms, 2009, 34, 1852-1857.	2.5	3
14	An educational computer tool for simulating longâ€ŧerm soil erosion on agricultural landscapes. Computer Applications in Engineering Education, 2009, 17, 253-262.	3.4	2
15	The influence of the geometry of idealised porous media on the simulated flow velocity: A multifractal description. Geoderma, 2009, 150, 196-201.	5.1	10
16	Numerical Study of the Transition Regime between the Skimming and Wake Interference Flows in a Water Flume by Using the Lattice-Model Approach. Journal of Hydraulic Engineering, 2008, 134, 274-279.	1.5	0
17	Multifractal analysis of passive tracer transport in simulated skimming and wake interference flows. Physics of Fluids, 2007, 19, .	4.0	0
18	Multifractal analysis of flow velocity simulated with the lattice model approach in idealized threeâ€dimensional porous media. Water Resources Research, 2007, 43, .	4.2	6

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#	Article	IF	CITATIONS
19	Physically Based Estimation of Soil Water Retention from Textural Data: General Framework, New Models, and Streamlined Existing Models. Vadose Zone Journal, 2007, 6, 766-773.	2.2	41
20	Modelling the effects of emergent vegetation on an open-channel flow using a lattice model. International Journal for Numerical Methods in Fluids, 2007, 55, 655-672.	1.6	8
21	Description of sorbing tracers transport in fractured media using the lattice model approach. Journal of Contaminant Hydrology, 2005, 81, 187-204.	3.3	3
22	Simulation of Tracer Dispersion in Porous Media Using Lattice Boltzmann and Random Walk Models. Vadose Zone Journal, 2005, 4, 310-316.	2.2	7
23	Evaluation of linear and nonlinear sediment transport equations using hillslope morphology. Catena, 2005, 64, 272-280.	5.0	10
24	Continuous time random walks for analyzing the transport of a passive tracer in a single fissure. Water Resources Research, 2005, 41, .	4.2	23
25	Estimation of the role of obstacles in the downslope soil flow with a simple erosion model: the analytical solution and its approximation with the lattice Boltzmann model. Catena, 2004, 57, 261-275.	5.0	8
26	The description of soil erosion through a kinematic wave model. Journal of Hydrology, 1993, 145, 65-82.	5.4	25