Ramon Planet Latorre

List of Publications by Year
in descending order

15	286	1163117 8	996975 15
papers	citations	h-index	g-index

16	16	16	280
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The origin of hysteresis and memory of two-phase flow in disordered media. Communications Physics, 2020, 3, .	5.3	9
2	Capillary jumps of fluid-fluid fronts across an elementary constriction in a model open fracture. Physical Review Fluids, 2020, 5, .	2.5	6
3	Continuously Sheared Granular Matter Reproduces in Detail Seismicity Laws. Physical Review Letters, 2019, 122, 218501.	7.8	44
4	Spatiotemporal Organization of Correlated Local Activity within Global Avalanches in Slowly Driven Interfaces. Physical Review Letters, 2018, 121, 034101.	7.8	6
5	The sound of avalanches: from a global to a local perspective.. EPJ Web of Conferences, 2017, 140, 03015.	0.3	1
6	Fluid front morphologies in gap-modulated Hele-Shaw cells. Physical Review Fluids, 2017, 2, .	2.5	3
7	Revealing the Structure of a Granular Medium through Ballistic Sound Propagation. Physical Review Letters, 2014, 113, 098001.	7.8	23
8	Capillary rise in Hele-Shaw models of disordered media. Journal of Colloid and Interface Science, 2012, 377, 387-395.	9.4	8
9	Avalanches of imbibition fronts: Towards critical pinning. Europhysics Letters, 2011, 94, 46005.	2.0	31
10	Roughness and intermittent dynamics of imbibition fronts due to capillary and permeability disorder. Journal of Contaminant Hydrology, 2011, 120-121, 157-169.	3.3	15
11	Effects of Pressure Oscillations on Drainage in an Elastic Porous Medium. Transport in Porous Media, 2010, 84, 569-585.	2.6	14
12	Planet, Santucci, and OrtÃn Reply:. Physical Review Letters, 2010, 105, .	7.8	8
13	Avalanches and Non-Gaussian Fluctuations of the Global Velocity of Imbibition Fronts. Physical Review Letters, 2009, 102, 094502.	7.8	59
14	Pressure-dependent scaling scenarios in experiments of spontaneous imbibition. Physical Review E, 2007, 76, 056312.	2.1	16
15	Anomalous Roughening of Viscous Fluid Fronts in Spontaneous Imbibition. Physical Review Letters, 2005, 95, 104501.	7.8	43