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