# Antonio Lasanta

List of Publications by Year
in descending order



| 25 | 558 | 623574 | 610775 |
|---|---|---|---|
| papers | citations | 14 h-index | 24 g-index |

| 26 | 26 | 26 | 246 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Memory effects in a gas of viscoelastic particles. Physics of Fluids, 2021, 33, . | 1.6 | 17 |
| 2 | Exponentially Accelerated Approach to Stationarity in Markovian Open Quantum Systems through the Mpemba Effect. Physical Review Letters, 2021, 127, 060401. | 2.9 | 33 |
| 3 | Kovacs Memory Effect with an Optically Levitated Nanoparticle. Physical Review Letters, 2021, 127, 130603. | 2.9 | 15 |
| 4 | Slow growth of magnetic domains helps fast evolution routes for out-of-equilibrium dynamics. Physical Review E, 2021, 104, 044114. | 0.8 | 11 |
| 5 | Fluctuation-induced current from freestanding graphene. Physical Review E, 2020, 102, 042101. | 0.8 | 20 |
| 6 | The Mpemba effect in spin glasses is a persistent memory effect. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15350-15355. | 3.3 | 59 |
| 7 | Large Mpemba-like effect in a gas of inelastic rough hard spheres. Physical Review E, 2019, 99, 060901. | 0.8 | 45 |
| 8 | Intruders in disguise: Mimicry effect in granular gases. Physics of Fluids, 2019, 31, 063306. | 1.6 | 7 |
| 9 | Time evolution of the microscopic state of an athermal fluid. AIP Conference Proceedings, 2019, , . | 0.3 | 1 |
| 10 | Paths towards equilibrium in molecular systems: The case of water. Physical Review E, 2019, 100, 032103. | 0.8 | 30 |
| 11 | On the emergence of large and complex memory effects in nonequilibrium fluids. New Journal of Physics, 2019, 21, 033042. | 1.2 | 13 |
| 12 | Induced correlations and rupture of molecular chaos by anisotropic dissipative Janus hard disks. Physical Review E, 2019, 100, 052128. | 0.8 | 1 |
| 13 | When the Hotter Cools More Quickly: Mpemba Effect in Granular Fluids. Physical Review Letters, 2017, 119, 148001. | 2.9 | 85 |
| 14 | Energy nonequipartition in gas mixtures of inelastic rough hard spheres: The tracer limit. Physical Review E, 2017, 96, 052901. | 0.8 | 11 |
| 15 | Hydrodynamics of a Granular Gas in a Heterogeneous Environment. Entropy, 2017, 19, 536. | 1.1 | 5 |
| 16 | Thermal properties of an impurity immersed in a granular gas of rough hard spheres. EPJ Web of Conferences, 2017, 140, 04003. | 0.1 | 6 |
| 17 | Lattice Models for Granular-Like Velocity Fields: Hydrodynamic Description. Journal of Statistical Physics, 2016, 164, 810-841. | 0.5 | 13 |
| 18 | Unified rheology of vibro-fluidized dry granular media: From slow dense flows to fast gas-like regimes. Scientific Reports, 2016, 6, 38604. | 1.6 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Statistics of the dissipated energy in driven diffusive systems. European Physical Journal E, 2016, 39, 35. | 0.7 | 11 |
| 20 | Lattice models for granular-like velocity fields: finite-size effects. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 093203. | 0.9 | 11 |
| 21 | An itinerant oscillator model with cage inertia for mesorheological granular experiments. Journal of Chemical Physics, 2015, 143, 064511. | 1.2 | 14 |
| 22 | Fluctuating hydrodynamics and mesoscopic effects of spatial correlations in dissipative systems with conserved momentum. New Journal of Physics, 2015, 17, 083039. | 1.2 | 17 |
| 23 | Typical and rare fluctuations in nonlinear driven diffusive systems with dissipation. Physical Review E, 2013, 88, 022110. | 0.8 | 32 |
| 24 | Nonlinear driven diffusive systems with dissipation: Fluctuating hydrodynamics. Physical Review E, 2012, 86, 031134. | 0.8 | 37 |
| 25 | Large Fluctuations in Driven Dissipative Media. Physical Review Letters, 2011, 107, 140601. | 2.9 | 47 |