

# Jose Maria Montanero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11368918/publications.pdf>

Version: 2024-02-01

13  
papers

656  
citations

687363

13  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	The second and third Sonine coefficients of a freely cooling granular gas revisited. Granular Matter, 2009, 11, 157-168.	2.2	34
2	Modified Sonine approximation for granular binary mixtures. Journal of Fluid Mechanics, 2009, 623, 387-411.	3.4	22
3	First-order Chapman-Enskog velocity distribution function in a granular gas. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 75-93.	2.6	18
4	Modified Sonine approximation for the Navier-Stokes transport coefficients of a granular gas. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 94-107.	2.6	57
5	Navier-Stokes Transport Coefficients of d-Dimensional Granular Binary Mixtures at Low Density. Journal of Statistical Physics, 2007, 129, 27-58.	1.2	31
6	Rheology of Two- and Three-dimensional Granular Mixtures Under Uniform Shear Flow: Enskog Kinetic Theory Versus Molecular Dynamics Simulations. Granular Matter, 2006, 8, 103-115.	2.2	28
7	Mass and heat fluxes for a binary granular mixture at low density. Physics of Fluids, 2006, 18, 083305.	4.0	37
8	Diffusion of impurities in a granular gas. Physical Review E, 2004, 69, 021301.	2.1	44
9	Shear viscosity for a moderately dense granular binary mixture. Physical Review E, 2003, 68, 041302.	2.1	35
10	Shear viscosity for a heated granular binary mixture at low density. Physical Review E, 2003, 67, 021308.	2.1	38
11	Monte Carlo simulation of the homogeneous cooling state for a granular mixture. Granular Matter, 2002, 4, 17-24.	2.2	78
12	Computer simulation of uniformly heated granular fluids. Granular Matter, 2000, 2, 53-64.	2.2	155
13	Monte Carlo simulation method for the Enskog equation. Physical Review E, 1996, 54, 438-444.	2.1	79