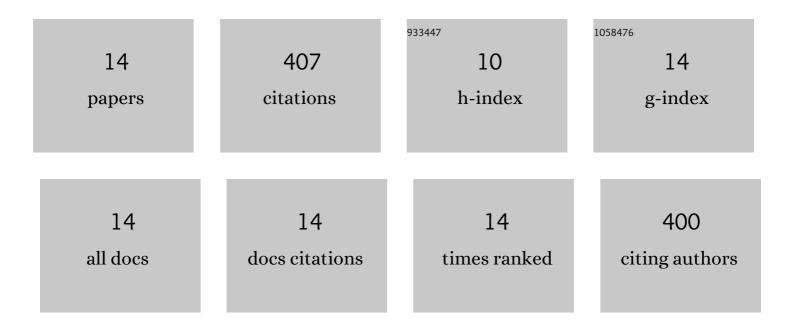
## Ignacio Zúñiga

List of Publications by Year in descending order

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Ιονιλοίο Ζάθατιολ

#	Article	IF	CITATIONS
1	Force autocorrelation function in Brownian motion theory. Journal of Chemical Physics, 1993, 98, 574-580.	3.0	101
2	Obtaining fully dynamic coarse-grained models from MD. Physical Chemistry Chemical Physics, 2011, 13, 10538.	2.8	60
3	Conformational statistics of poly(dimethylsiloxane). 1. Probability distribution of rotational isomers from molecular dynamics simulations. Macromolecules, 1991, 24, 2986-2992.	4.8	52
4	Microscopic derivation of discrete hydrodynamics. Journal of Chemical Physics, 2009, 131, 244117.	3.0	44
5	Molecular dynamics analysis of transitions between rotational isomers in polymethylene. Journal of Chemical Physics, 1991, 95, 5348-5354.	3.0	43
6	On the definition of discrete hydrodynamic variables. Journal of Chemical Physics, 2009, 131, 164106.	3.0	24
7	Energy-conserving coarse-graining of complex molecules. Soft Matter, 2016, 12, 4821-4837.	2.7	22
8	Dynamic fracture in a discrete model of a brittle elastic solid. Physical Review E, 2000, 61, 6120-6131.	2.1	20
9	Scaling of the time-dependent self-diffusion coefficient and the propagation of hydrodynamic interactions. Physical Review E, 1995, 51, 803-806.	2.1	13
10	Scaling of the time-dependent diffusion coefficient by molecular dynamics simulation. Physical Review Letters, 1993, 71, 3665-3668.	7.8	11
11	Voronoi Fluid Particle Model for Euler Equations. Journal of Statistical Physics, 2005, 121, 133-147.	1.2	11
12	Effect of boundary conditions in mode I fracture in brittle materials. Physica D: Nonlinear Phenomena, 1996, 96, 375-383.	2.8	3
13	Microhydrodynamics with Dissipative Particle Dynamics. Materials Research Society Symposia Proceedings, 1995, 407, 81.	0.1	2
14	lsotropic Md Simulations Of Dynamic Brittle Fracture. Materials Research Society Symposia Proceedings, 1995, 409, 101.	0.1	1