Jr Dorfman

List of Publications by Year
in descending order

16 papers	**703** citations	933447 **10** h-index	940533 **16** g-index
16 all docs	**16** docs citations	**16** times ranked	**212** citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic theory of drag on objects in nearly free molecular flow. Physica A: Statistical Mechanics and Its Applications, 2014, 413, 409-425.	2.6	9
2	Crossover from diffusive to ballistic transport in periodic quantum maps. Physica D: Nonlinear Phenomena, 2004, 187, 223-243.	2.8	15
3	Diffusive Lorentz gases and multibaker maps are compatible with irreversible thermodynamics. Physica A: Statistical Mechanics and Its Applications, 2003, 323, 294-322.	2.6	11
4	Entropy production in a persistent random walk. Physica A: Statistical Mechanics and Its Applications, 2000, 282, 427-449.	2.6	8
5	On thermostats and entropy production. Physica A: Statistical Mechanics and Its Applications, 2000, 279, 21-29.	2.6	7
6	Deterministic chaos and the foundations of the kinetic theory of gases. Physics Reports, 1998, 301, 151-185.	25.6	10
7	Dynamical systems theory and transport coefficients: A survey with applications to Lorentz gases. Physica A: Statistical Mechanics and Its Applications, 1997, 240, 12-42.	2.6	24
8	Kinetic theory of the drag force on objects in rarefied gas flows. Physica A: Statistical Mechanics and Its Applications, 1986, 134, 283-322.	2.6	6
9	Advances and challenges in the kinetic theory of gases. Physica A: Statistical Mechanics and Its Applications, 1981, 106, 77-101.	2.6	31
10	Composition dependence of the thermal conductivity of dense gas mixtures. Physica A: Statistical Mechanics and Its Applications, 1978, 91, 377-392.	2.6	34
11	Composition dependence of the viscosity of dense gas mixtures. Physica A: Statistical Mechanics and Its Applications, 1977, 86, 205-223.	2.6	48
12	Nonanalytic dispersion relations in classical fluids. Physica, 1972, 61, 157-181.	0.9	134
13	Hard-sphere dynamics and binary-collision operators. Physica, 1969, 45, 127-146.	0.9	185
14	On the density expansion of the pair distribution function for a dense gas not in equilibrium. Physics Letters, 1965, 16, 124-125.	2.1	115
15	Transport coefficients in dense gases I. Physica, 1965, 31, 493-521.	0.9	57
16	Transport coefficients from correlation functions and distribution functions. Physics Letters, 1964, 12, 319-320.	2.1	9