Gianluca Marcelli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5972941/publications.pdf

Version: 2024-02-01

19	420	840776	794594
papers	citations	11	19
		h-index	g-index

20	20	20	336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance of Deep Learning Models in Forecasting Gait Trajectories of Children with Neurological Disorders. Sensors, 2022, 22, 2969.	3.8	11
2	A crowdsourcing semi-automatic image segmentation platform for cell biology. Computers in Biology and Medicine, 2021, 130, 104204.	7.0	6
3	Towards image-based cancer cell lines authentication using deep neural networks. Scientific Reports, 2020, 10, 19857.	3.3	14
4	Computer-Generated Ovaries to Assist Follicle Counting Experiments. PLoS ONE, 2015, 10, e0120242.	2.5	7
5	Understanding changes in uptake and release of serotonin from gastrointestinal tissue using a novel electroanalytical approach. Analyst, The, 2010, 135, 2340.	3.5	18
6	Red blood cell thermal fluctuations: comparison between experiment and molecular dynamics simulations. Soft Matter, 2009, 5, 3603.	2.7	22
7	Theoretical modelling to understand the neurotransmission mechanism in the gastrointestinal tract. , 2008, 2008, 5548-51.		3
8	Boundary homogenization for spherical surfaces randomly covered with nonoverlapping partially absorbing disks. Journal of Chemical Physics, 2007, 127, 176101.	3.0	4
9	Thermal Fluctuations of Red Blood Cell Membrane via a Constant-Area Particle-Dynamics Model. Biophysical Journal, 2005, 89, 2473-2480.	0.5	27
10	Quantumlike short-time behavior of a classical crystal. Physical Review E, 2003, 68, 041112.	2.1	10
11	Beyond Traditional Effective Intermolecular Potentials and Pairwise Interactions in Molecular Simulation. Lecture Notes in Computer Science, 2002, , 932-941.	1.3	3
12	On the relationship between two-body and three-body interactions from nonequilibrium molecular dynamics simulation. Journal of Chemical Physics, 2001, 115, 9410-9413.	3.0	24
13	Molecular simulation of the vapourâ€“liquid phase coexistence of neon and argon using ab initio potentials. Physical Chemistry Chemical Physics, 2001, 3, 1297-1302.	2.8	42
14	The strain rate dependence of shear viscosity, pressure and energy from two-body and three-body interactions. Fluid Phase Equilibria, 2001, 183-184, 371-379.	2.5	11
15	Energy and pressure of shearing fluids at different state points. Physical Review E, 2001, 64, 021201.	2.1	16
16	Analytic dependence of the pressure and energy of an atomic fluid under shear. Physical Review E, 2001, 63, 021204.	2.1	36
17	Three-body interactions and the phase equilibria of mixtures. High Temperatures - High Pressures, 2001, 33, 111-118.	0.3	7
18	A link between the two-body and three-body interaction energies of fluids from molecular simulation. Journal of Chemical Physics, 2000, 112, 6382-6385.	3.0	46

#	Article	IF	Citations
19	Molecular simulation of the phase behavior of noble gases using accurate two-body and three-body intermolecular potentials. Journal of Chemical Physics, 1999, 111, 1533-1540.	3.0	106