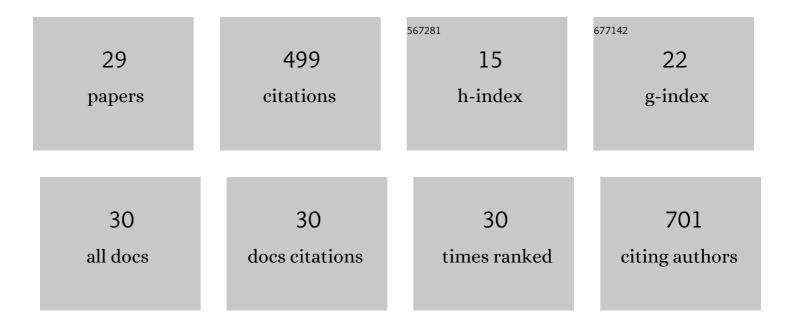
Vania Calandrini

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Subdiffusive-Brownian crossover in membrane proteins: a Generalized Langevin Equation-based approach. Biophysical Journal, 2021, 120, 4722-4737.	0.5	6
2	Hydrodynamics of immiscible binary fluids with viscosity contrast: a multiparticle collision dynamics approach. Soft Matter, 2021, 17, 7978-7990.	2.7	3
3	Open-Boundary Molecular Mechanics/Coarse-Grained Framework for Simulations of Low-Resolution G-Protein-Coupled Receptor–Ligand Complexes. Journal of Chemical Theory and Computation, 2019, 15, 2101-2109.	5.3	16
4	Molecular Dynamics Simulations of the [2Fe–2S] Cluster-Binding Domain of NEET Proteins Reveal Key Molecular Determinants That Induce Their Cluster Transfer/Release. Journal of Physical Chemistry B, 2017, 121, 10648-10656.	2.6	18
5	Open Boundary Simulations of Proteins and Their Hydration Shells by Hamiltonian Adaptive Resolution Scheme. Journal of Chemical Theory and Computation, 2017, 13, 5647-5657.	5.3	20
6	Computational metallomics of the anticancer drug cisplatin. Journal of Inorganic Biochemistry, 2015, 153, 231-238.	3.5	20
7	Adaptation of Extremophilic Proteins with Temperature and Pressure: Evidence from Initiation Factor 6. Journal of Physical Chemistry B, 2015, 119, 7860-7873.	2.6	15
8	Structural predictions of neurobiologically relevant G-protein coupled receptors and intrinsically disordered proteins. Archives of Biochemistry and Biophysics, 2015, 582, 91-100.	3.0	4
9	Structural Biology of Cisplatin Complexes with Cellular Targets: The Adduct with Human Copper Chaperone Atox1 in Aqueous Solution. Chemistry - A European Journal, 2014, 20, 11719-11725.	3.3	14
10	Platination of the copper transporter ATP7A involved in anticancer drug resistance. Dalton Transactions, 2014, 43, 12085.	3.3	29
11	Conformational transition of DNA bound to Hfq probed by infrared spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 1222-1229.	2.8	34
12	From NMR Relaxation to Fractional Brownian Dynamics in Proteins: Results from a Virtual Experiment. Journal of Physical Chemistry B, 2011, 115, 12370-12379.	2.6	13
13	nMoldyn - Interfacing spectroscopic experiments, molecular dynamics simulations and models for time correlation functions. École ThA©matique De La SociA©té Française De La Neutronique, 2011, 12, 201-232.	0.2	38
14	Fractional protein dynamics seen by nuclear magnetic resonance spectroscopy: Relating molecular dynamics simulation and experiment. Journal of Chemical Physics, 2010, 133, 145101.	3.0	42
15	Rigid Molecule Approximation in Memory Function-based Models for Molecular Liquids: Application to Liquid Water. Zeitschrift Fur Physikalische Chemie, 2009, 223, 957-978.	2.8	1
16	Relaxation dynamics of lysozyme in solution under pressure: Combining molecular dynamics simulations and quasielastic neutron scattering. Chemical Physics, 2008, 345, 289-297.	1.9	47
17	Scaling laws and memory effects in the dynamics of liquids and proteins. Physics of Particles and Nuclei Letters, 2008, 5, 189-195.	0.4	2
18	Protein dynamics from a NMR perspective: Networks of coupled rotators and fractional Brownian dynamics. Journal of Chemical Physics, 2008, 128, 145102.	3.0	16

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#	Article	IF	CITATIONS
19	Influence of pressure on the slow and fast fractional relaxation dynamics in lysozyme: A simulation study. Journal of Chemical Physics, 2008, 128, 065102.	3.0	21
20	Estimating the influence of finite instrumental resolution on elastic neutron scattering intensities from proteins. Journal of Chemical Physics, 2007, 126, 125107.	3.0	21
21	Role of effective atomic masses in memory function-based models for liquids: A simulation study of liquid water. Journal of Chemical Physics, 2006, 125, 236102.	3.0	3
22	Pressure effect on water dynamics in tert-butyl alcohol/water solutions. Journal of Physics Condensed Matter, 2006, 18, S2363-S2371.	1.8	4
23	Diffusive dynamics of water in tert-butyl alcohol/water mixtures. Journal of Chemical Physics, 2004, 120, 4759-4767.	3.0	32
24	Water dynamics in dilute aqueous solutions of small apolar solutes by quasi-elastic neutron scattering. Applied Physics A: Materials Science and Processing, 2002, 74, s1339-s1341.	2.3	3
25	Conformational changes of proteins in aqueous solution induced by temperature in the pre-melting region. Physical Chemistry Chemical Physics, 2001, 3, 3811-3813.	2.8	14
26	Rotational and translational dynamics of lysozyme in water–glycerol solution. Colloids and Surfaces B: Biointerfaces, 2001, 21, 311-316.	5.0	26
27	Role of hydrophobic interactions on the stabilisation of native state of globular proteins. Chemical Physics Letters, 2000, 324, 344-348.	2.6	18
28	Effect of 1-alkanols on the native conformation of Lysozyme. Physical Chemistry Chemical Physics, 2000, 2, 4143-4146.	2.8	6
29	Effect of Trehalose on Alkaline Transition of Cytochrome-c. Journal of Physical Chemistry B, 2000, 104–6889-6893	2.6	13