

Yassmine Chebaro

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,420
citations

471509

17
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	Allostery in Its Many Disguises: From Theory to Applications. <i>Structure</i> , 2019, 27, 566-578.	3.3	285
2	Crucial role of nonspecific interactions in amyloid nucleation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17869-17874.	7.1	157
3	The OPEP protein model: from single molecules, amyloid formation, crowding and hydrodynamics to DNA/RNA systems. <i>Chemical Society Reviews</i> , 2014, 43, 4871-4893.	38.1	147
4	The Coarse-Grained OPEP Force Field for Non-Amyloid and Amyloid Proteins. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8741-8752.	2.6	98
5	Structures and Thermodynamics of Alzheimer's Amyloid- β (16-35) Monomer and Dimer by Replica Exchange Molecular Dynamics Simulations: Implication for Full-Length β Fibrillation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7668-7675.	2.6	97
6	Structures of β -42 Trimers in Isolation and with Five Small-Molecule Drugs Using a Hierarchical Computational Procedure. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8412-8422.	2.6	95
7	Intrinsically Disordered Energy Landscapes. <i>Scientific Reports</i> , 2015, 5, 10386.	3.3	80
8	Replica Exchange Molecular Dynamics Simulations of Coarse-grained Proteins in Implicit Solvent. <i>Journal of Physical Chemistry B</i> , 2009, 113, 267-274.	2.6	70
9	Targeting the early steps of β -22 protofibril disassembly by N-methylated inhibitors: A numerical study. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 75, 442-452.	2.6	64
10	The Conversion of Helix H2 to β -Sheet Is Accelerated in the Monomer and Dimer of the Prion Protein upon T183A Mutation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6942-6948.	2.6	39
11	The molecular mechanisms underlying the ERK3-mediated signaling in breast cancer. <i>Oncogene</i> , 2017, 36, 2503-2514.	5.9	35
12	The Asymmetric Binding of PGC-1 to the ERR1 and ERR3 Nuclear Receptor Homodimers Involves a Similar Recognition Mechanism. <i>PLoS ONE</i> , 2013, 8, e67810.	2.5	34
13	Targeting the Two Oncogenic Functional Sites of the HPV E6 Oncoprotein with a High-Affinity Bivalent Ligand. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7958-7962.	13.8	32
14	Structural Basis for the Accommodation of Bis- and Tris-Aromatic Derivatives in Vitamin D Nuclear Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8440-8449.	6.4	30
15	Substitutions at residue 211 in the prion protein drive a switch between CJD and GSS syndrome, a new mechanism governing inherited neurodegenerative disorders. <i>Human Molecular Genetics</i> , 2012, 21, 5417-5428.	2.9	29
16	Structural Basis for DNA Gyrase Interaction with Coumermycin A1. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4225-4231.	6.4	29
17	Phosphorylation of the Retinoic Acid Receptor Alpha Induces a Mechanical Allosteric Regulation and Changes in Internal Dynamics. <i>PLoS Computational Biology</i> , 2013, 9, e1003012.	3.2	24
18	NR3E receptors in cnidarians: A new family of steroid receptor relatives extends the possible mechanisms for ligand binding. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 11-19.	2.5	17

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19	Protein Structural Statistics with PSS. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2471-2482.	5.4	11
20	Modulation of RXR-DNA complex assembly by DNA context. <i>Molecular and Cellular Endocrinology</i> , 2019, 481, 44-52.	3.2	9
21	A multifunnel energy landscape encodes the competing $\hat{1}^{\pm}$ -helix and $\hat{1}^2$ -hairpin conformations for a designed peptide. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1359-1370.	2.8	9
22	BpForms and BcForms: a toolkit for concretely describing non-canonical polymers and complexes to facilitate global biochemical networks. <i>Genome Biology</i> , 2020, 21, 117.	8.8	8
23	A structural signature motif enlightens the origin and diversification of nuclear receptors. <i>PLoS Genetics</i> , 2021, 17, e1009492.	3.5	8
24	High-Risk Mucosal Human Papillomavirus 16 (HPV16) E6 Protein and Cutaneous HPV5 and HPV8 E6 Proteins Employ Distinct Strategies To Interfere with Interferon Regulatory Factor 3-Mediated Beta Interferon Expression. <i>Journal of Virology</i> , 2022, 96, e0187521.	3.4	7
25	Allosteric Regulation in the Ligand Binding Domain of Retinoic Acid Receptor $\hat{1}^3$. <i>PLoS ONE</i> , 2017, 12, e0171043.	2.5	6