

Andrea Pica

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Rationalization of the Effect That TMAO, Glycine, and Betaine Exert on the Collapse of Elastin-like Polypeptides. <i>Life</i> , 2022, 12, 140.	1.1	1
2	The Automated Crystallography Pipelines at the EMBL HTX Facility in Grenoble. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	9
3	An automated platform for structural analysis of membrane proteins through serial crystallography. <i>Cell Reports Methods</i> , 2021, 1, 100102.	1.4	4
4	Effect of sodium thiocyanate and sodium perchlorate on poly(N-isopropylacrylamide) collapse. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 189-195.	1.3	9
5	Encapsulation of the Dinuclear Trithiolato-bridged Arene Ruthenium Complex Diruthenium in an Apoferritin Nanocage: Structure and Cytotoxicity. <i>ChemMedChem</i> , 2019, 14, 594-602.	1.6	22
6	CrystalDirect-To-Beam: Opening the shortest path from crystal to data. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
7	Why does urea have a different effect on the collapse temperature of PDEAM and PNIPAM?. <i>Journal of Molecular Liquids</i> , 2019, 285, 204-212.	2.3	8
8	Dynamic Nuclear Polarization-enhanced Biomolecular NMR Spectroscopy at High Magnetic Field with Fast Magic-angle Spinning. <i>Angewandte Chemie</i> , 2018, 130, 7580-7584.	1.6	8
9	Dynamic Nuclear Polarization-enhanced Biomolecular NMR Spectroscopy at High Magnetic Field with Fast Magic-angle Spinning. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7458-7462.	7.2	56
10	On the cononsolvency behaviour of hydrophobic clusters in water-methanol solutions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7230-7235.	1.3	5
11	pH driven fibrillar aggregation of the super-sweet protein Y65R-MNEI: A step-by-step structural analysis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 808-815.	1.1	13
12	Effect of heavy water on the conformational stability of globular proteins. <i>Biopolymers</i> , 2018, 109, e23076.	1.2	8
13	Hydrostatic pressure effect on PNIPAM cononsolvency in water-methanol solutions. <i>Biophysical Chemistry</i> , 2017, 231, 34-38.	1.5	8
14	Onconase dimerization through 3D domain swapping: structural investigations and increase in the apoptotic effect in cancer cells*. <i>Biochemical Journal</i> , 2017, 474, 3767-3781.	1.7	17
15	Comment on "Relating side chain organization of PNIPAm with its conformation in aqueous methanol" by D. Mukherji, M. Wagner, M. D. Watson, S. Winzen, T. E. de Oliveira, C. M. Marques and K. Kremer, <i>Soft Matter</i> , 2016, 12, 7995. <i>Soft Matter</i> , 2017, 13, 7698-7700.	1.2	3
16	Principles and methods used to grow and optimize crystals of protein-metallo-drug adducts, to determine metal binding sites and to assign metal ligands. <i>Metallomics</i> , 2017, 9, 1534-1547.	1.0	31
17	Why does TMAO stabilize the globule state of PNIPAM?. <i>Polymer</i> , 2017, 124, 101-106.	1.8	7
18	Through-bond effects in the ternary complexes of thrombin sandwiched by two DNA aptamers. <i>Nucleic Acids Research</i> , 2017, 45, 461-469.	6.5	53

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19	On urea's ability to stabilize the globule state of poly(N-isopropylacrylamide). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 14426-14433.	1.3	24
20	Effect of temperature on the interaction of cisplatin with the model protein hen egg white lysozyme. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 433-442.	1.1	28
21	Shedding light on the extra thermal stability of thermophilic proteins. <i>Biopolymers</i> , 2016, 105, 856-863.	1.2	33
22	An alternative explanation of the cononsolvency of poly(N-isopropylacrylamide) in water-methanol solutions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25601-25608.	1.3	63
23	Sweeter and stronger: enhancing sweetness and stability of the single chain monellin MNEI through molecular design. <i>Scientific Reports</i> , 2016, 6, 34045.	1.6	38
24	NMR Spectroscopic Assignment of Backbone and Side-Chain Protons in Fully Protonated Proteins: Microcrystals, Sedimented Assemblies, and Amyloid Fibrils. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15504-15509.	7.2	116
25	Different duplex/quadruplex junctions determine the properties of anti-thrombin aptamers with mixed folding. <i>Nucleic Acids Research</i> , 2016, 44, 983-991.	6.5	54
26	The maturation mechanism of \hat{I}^3 -glutamyl transpeptidases: Insights from the crystal structure of a precursor mimic of the enzyme from <i>Bacillus licheniformis</i> and from site-directed mutagenesis studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 195-203.	1.1	24
27	Fine tuning of metal-specific activity in the Mn-like group of cambialistic superoxide dismutases. <i>RSC Advances</i> , 2015, 5, 87876-87887.	1.7	15
28	On the effect of sodium salts on the coil-to-globule transition of poly(N-isopropylacrylamide). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27750-27757.	1.3	39
29	On the Effect of Sodium Chloride and Sodium Sulfate on Cold Denaturation. <i>PLoS ONE</i> , 2015, 10, e0133550.	1.1	4
30	Hydrophilic Pd ⁰ Complexes Based on Sugars for Efficient Suzuki-Miyaura Coupling in Aqueous Systems. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4199-4208.	1.0	8
31	The multiple forms of bovine seminal ribonuclease: Structure and stability of a C-terminal swapped dimer. <i>FEBS Letters</i> , 2013, 587, 3755-3762.	1.3	8
32	Selective X-ray-induced NO photodissociation in haemoglobin crystals: evidence from a Raman-assisted crystallographic study. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 137-140.	2.5	15
33	Effect of NaCl on the conformational stability of the thermophilic \hat{I}^3 -glutamyltranspeptidase from <i>Geobacillus thermodenitrificans</i> : Implication for globular protein halotolerance. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 149-157.	1.1	21
34	Duplex-quadruplex motifs in a peculiar structural organization cooperatively contribute to thrombin binding of a DNA aptamer. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2403-2411.	2.5	70
35	Probing the activity of diguanylate cyclases and c-di-GMP phosphodiesterases in real-time by CD spectroscopy. <i>Nucleic Acids Research</i> , 2013, 41, e79-e79.	6.5	42
36	Three-dimensional domain swapping and supramolecular protein assembly: insights from the X-ray structure of a dimeric swapped variant of human pancreatic RNase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2116-2123.	2.5	14

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37	Dissecting the contribution of thrombin exosite I in the recognition of thrombin binding aptamer. FEBS Journal, 2013, 280, 6581-6588.	2.2	44
38	Exploring the unfolding mechanism of $\hat{\Gamma}^3$ -glutamyltranspeptidases: The case of the thermophilic enzyme from <i>Geobacillus thermodenitrificans</i> . Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 571-577.	1.1	17
39	Improving Protein Crystal Quality by the Without-Oil Microbatch Method: Crystallization and Preliminary X-ray Diffraction Analysis of Glutathione Synthetase from <i>Pseudoalteromonas haloplanktis</i> . International Journal of Molecular Sciences, 2011, 12, 6312-6319.	1.8	11