

Giorgia Zandomeneghi

List of Publications by Year in descending order

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33
papers

1,647
citations

430874

18
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2940
citing authors

#	ARTICLE	IF	CITATIONS
1	FTIR reveals structural differences between native β -sheet proteins and amyloid fibrils. <i>Protein Science</i> , 2009, 13, 3314-3321.	7.6	595
2	The aggregation kinetics of Alzheimer's β -amyloid peptide is controlled by stochastic nucleation. <i>Protein Science</i> , 2005, 14, 1753-1759.	7.6	240
3	Mechanism of Inhibition of Enveloped Virus Membrane Fusion by the Antiviral Drug Arbidol. <i>PLoS ONE</i> , 2011, 6, e15874.	2.5	106
4	Mutagenic analysis of the nucleation propensity of oxidized Alzheimer's β -amyloid peptide. <i>Protein Science</i> , 2005, 14, 2125-2131.	7.6	66
5	The Crystal Structure of β -D-Ribose "At Last!. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4503-4505.	13.8	63
6	Phosphocreatine Interacts with Phospholipids, Affects Membrane Properties and Exerts Membrane-Protective Effects. <i>PLoS ONE</i> , 2012, 7, e43178.	2.5	61
7	Mechanistic aspects of the horseradish peroxidase-catalysed polymerisation of aniline in the presence of AOT vesicles as templates. <i>RSC Advances</i> , 2012, 2, 6478.	3.6	55
8	Manipulation of the Director in Bicellar Mesophases by Sample Spinning: A New Tool for NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2001, 123, 910-913.	13.7	45
9	Complexation with albumins of chiral aromatic substrates and their chemistry in ground and excited states. Catalytic and chirality recognition properties of the protein in the cases of binaphthol, its photoisomers, and ketoprofen. <i>Chirality</i> , 2002, 14, 1-11.	2.6	41
10	NMR of bicelles: orientation and mosaic spread of the liquid-crystal director under sample rotation. <i>Journal of Biomolecular NMR</i> , 2003, 25, 113-123.	2.8	36
11	Switched-angle spinning applied to bicelles containing phospholipid-associated peptides. <i>Journal of Biomolecular NMR</i> , 2003, 25, 125-132.	2.8	30
12	On-Cell MAS NMR: Physiological Clues from Living Cells. <i>Journal of the American Chemical Society</i> , 2012, 134, 17513-17519.	13.7	29
13	Fullerenium Salts: A New Class of C_{60} -Based Compounds. <i>Journal of the American Chemical Society</i> , 2010, 132, 2064-2068.	13.7	24
14	Conformations of Phenylalanine in the Tripeptides AFA and GFG Probed by Combining MD Simulations with NMR, FTIR, Polarized Raman, and VCD Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3965-3978.	2.6	23
15	Orientation and Conformational Preference of Leucine-Enkephalin at the Surface of a Hydrated Dimyristoylphosphatidylcholine Bilayer: NMR and MD Simulation. <i>Journal of the American Chemical Society</i> , 2006, 128, 159-170.	13.7	22
16	A rationally designed oral vaccine induces immunoglobulin A in the murine gut that directs the evolution of attenuated <i>Salmonella</i> variants. <i>Nature Microbiology</i> , 2021, 6, 830-841.	13.3	21
17	NMR Study of Micelles Formed by Monoalkylphosphoryl Nucleosides. <i>Helvetica Chimica Acta</i> , 2001, 84, 3710-3725.	1.6	20
18	Enzymatic polymerization of pyrrole with <i>Trametes versicolor</i> laccase and dioxygen in the presence of vesicles formed from AOT (sodium bis-(2-ethylhexyl) sulfosuccinate) as templates. <i>Synthetic Metals</i> , 2015, 200, 123-134.	3.9	20

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19	Biochemical Fluorometric Method for the Determination of Riboflavin in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5990-5994.	5.2	19
20	Structural and dynamic studies of the \hat{I}^3 -M4 trans-membrane domain of the nicotinic acetylcholine receptor. <i>Molecular Membrane Biology</i> , 2005, 22, 485-496.	2.0	17
21	Apomyoglobin reveals a random-nucleation mechanism in amyloid protofibril formation. <i>Acta Histochemica</i> , 2006, 108, 215-219.	1.8	16
22	Dynamics and Cleavability at the \hat{I}^{\pm} -Cleavage Site of APP(684-726) in Different Lipid Environments. <i>Biophysical Journal</i> , 2008, 95, 1460-1473.	0.5	15
23	Die Kristallstruktur von D-Ribose - endlich!. <i>Angewandte Chemie</i> , 2010, 122, 4605-4608.	2.0	15
24	HR-MAS NMR reveals a pH-dependent LPS alteration by de-O-acetylation at abequose in the O-antigen of <i>Salmonella enterica</i> serovar Typhimurium. <i>Carbohydrate Research</i> , 2013, 382, 58-64.	2.3	13
25	Adiabatic-passage cross polarization in N-15 NMR spectroscopy of peptides weakly associated to phospholipids: Determination of large RDC. <i>Journal of Biomolecular NMR</i> , 2004, 30, 303-309.	2.8	11
26	The conformation of the Congo-red ligand bound to amyloid fibrils HET-s(218 \hat{a} €"289): a solid-state NMR study. <i>Journal of Biomolecular NMR</i> , 2017, 69, 207-213.	2.8	8
27	Comment on Cluster Analysis Applied to the Exploratory Analysis of Commercial Spanish Olive Oils by Means of Excitation \hat{a} ~Emission Fluorescence Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5829-5830.	5.2	7
28	Comment on Excitation \hat{a} ~Emission Fluorescence Spectroscopy Combined with Three-Way Methods of Analysis as a Complementary Technique for Olive Oil Characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5214-5215.	5.2	7
29	Determination of Holo- and Apo-Riboflavin Binding Protein in Avian Egg Whites through Circular Dichroism and Fluorescence Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6510-6517.	5.2	7
30	\hat{a} €"Ribose Crystal Structures: the Glass \hat{I} ;Crystal Transformation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1687-1693.	1.6	5
31	Neurochemical profile of the human cervical spinal cord determined by MRS. <i>NMR in Biomedicine</i> , 2016, 29, 1464-1476.	2.8	5
32	Direct amide ^{15}N to ^{13}C transfers for solid-state assignment experiments in deuterated proteins. <i>Journal of Biomolecular NMR</i> , 2018, 72, 69-78.	2.8	4
33	Biological Solid-state NMR at ETH Zurich. <i>Chimia</i> , 2012, 66, 798-800.	0.6	0