

Anna Maria D'Ursi

List of Publications by Year in descending order

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103
papers

2,953
citations

236612

25
h-index

189595

50
g-index

104
all docs

104
docs citations

104
times ranked

4286
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution structure of the Alzheimer amyloid A β -peptide (1-42) in an apolar microenvironment. FEBS Journal, 2002, 269, 5642-5648.	0.2	577
2	Synthesis and Conformational Analysis of a Cyclic Peptide Obtained via <i>intramolecular</i> Side-Chain to Side-Chain Azide-Alkyne 1,3-Dipolar Cycloaddition. Journal of Organic Chemistry, 2008, 73, 5663-5674.	1.7	170
3	Solution Structure of Amyloid A β -Peptide (25-35) in Different Media. Journal of Medicinal Chemistry, 2004, 47, 4231-4238.	2.9	117
4	Flavonoid microparticles by spray-drying: Influence of enhancers of the dissolution rate on properties and stability. Journal of Food Engineering, 2011, 103, 188-196.	2.7	113
5	Sex in basic research: concepts in the cardiovascular field. Cardiovascular Research, 2017, 113, 711-724.	1.8	113
6	An N-glycosylated peptide detecting disease-specific autoantibodies, biomarkers of multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10273-10278.	3.3	111
7	Cu ^I -Catalyzed Azide-Alkyne Intramolecular Side-Chain to Side-Chain Cyclization Promotes the Formation of Helix-Like Secondary Structures. European Journal of Organic Chemistry, 2010, 2010, 446-457.	1.2	101
8	Conformational preferences of [Leu5]enkephalin in biomimetic media. Investigation by ¹ H NMR. FEBS Journal, 1990, 192, 433-439.	0.2	70
9	Interaction between Alzheimer's A β (25-35) peptide and phospholipid bilayers: The role of cholesterol. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 2710-2716.	1.4	62
10	Role of Sex Hormones in the Development and Progression of Hepatitis B Virus-Associated Hepatocellular Carcinoma. International Journal of Endocrinology, 2015, 2015, 1-9.	0.6	44
11	Piroxicam loaded alginate beads obtained by prilling/microwave tandem technique: Morphology and drug release. Carbohydrate Polymers, 2012, 89, 740-748.	5.1	43
12	A C-Terminal Peptide Prevents Gs Activation by the A2A Adenosine Receptor. Molecular Pharmacology, 2000, 58, 226-236.	1.0	39
13	Antiviral Activity and Conformational Features of an Octapeptide Derived from the Membrane-Proximal Ectodomain of the Feline Immunodeficiency Virus Transmembrane Glycoprotein. Journal of Virology, 2003, 77, 3724-3733.	1.5	39
14	1,4-Disubstituted-[1,2,3]triazolyl-Containing Analogues of MT-II: Design, Synthesis, Conformational Analysis, and Biological Activity. Journal of Medicinal Chemistry, 2014, 57, 9424-9434.	2.9	37
15	Conformational Analysis of a Glycosylated Human Myelin Oligodendrocyte Glycoprotein Peptide Epitope Able To Detect Antibody Response in Multiple Sclerosis. Journal of Medicinal Chemistry, 2001, 44, 2378-2381.	2.9	36
16	Conformation-Activity Relationship of Designed Glycopeptides as Synthetic Probes for the Detection of Autoantibodies, Biomarkers of Multiple Sclerosis. Journal of Medicinal Chemistry, 2006, 49, 5072-5079.	2.9	36
17	Interaction of a Peptide Derived from Glycoprotein gp36 of Feline Immunodeficiency Virus and Its Lipoylated Analogue with Phospholipid Membranes. Biochemistry, 2008, 47, 5317-5327.	1.2	35
18	Omega-3 Fatty Acids Regulate the Interaction of the Alzheimer's A β (25-35) Peptide with Lipid Membranes. Langmuir, 2013, 29, 14239-14245.	1.6	35

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19	Delocalized Hole Domains in Guanine-Rich DNA Oligonucleotides. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5462-5466.	1.2	33
20	Effect of Very-Low-Calorie Ketogenic Diet on Psoriasis Patients: A Nuclear Magnetic Resonance-Based Metabolomic Study. <i>Journal of Proteome Research</i> , 2021, 20, 1509-1521.	1.8	33
21	β -Amyloid-acetylcholine molecular interaction: new role of cholinergic mediators in anti-Alzheimer therapy?. <i>Future Medicinal Chemistry</i> , 2016, 8, 1179-1189.	1.1	32
22	<i>N</i> -Fmoc-Protected <i>N</i> -Azido- and <i>N</i> -Alkynyl-L-Alanine Amino Acids as Building Blocks for the Synthesis of "Clickable" Peptides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5308-5314.	1.2	30
23	Investigating the Neuroprotective Effects of Turmeric Extract: Structural Interactions of β -Amyloid Peptide with Single Curcuminoids. <i>Scientific Reports</i> , 2016, 6, 38846.	1.6	28
24	Obestatin conformational features: A strategy to unveil obestatin's biological role?. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 500-505.	1.0	26
25	Role of Viral miRNAs and Epigenetic Modifications in Epstein-Barr Virus-Associated Gastric Carcinogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	26
26	Cholesterol modulates the fusogenic activity of a membranotropic domain of the FIV glycoprotein gp36. <i>Soft Matter</i> , 2013, 9, 6442.	1.2	25
27	Structural features of the C8 antiviral peptide in a membrane-mimicking environment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1010-1018.	1.4	25
28	Exploring interaction of β -amyloid segment (25-35) with membrane models through paramagnetic probes. <i>Journal of Peptide Science</i> , 2006, 12, 766-774.	0.8	24
29	Effect of flavonoids on the β (25-35)-phospholipid bilayers interaction. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3998-4003.	2.6	24
30	Membrane charge dependent states of the β -amyloid fragment β (16-35) with differently charged micelle aggregates. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 660-671.	1.4	24
31	Destabilization of Lipid Membranes by a Peptide Derived from Glycoprotein gp36 of Feline Immunodeficiency Virus: A Combined Molecular Dynamics/Experimental Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 401-412.	1.2	24
32	Stacking Interactions between Adenines in Oxidized Oligonucleotides. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8947-8953.	1.2	24
33	Solution Conformation of CCK9, a Cholecystokinin Analog. <i>Biochemical and Biophysical Research Communications</i> , 1993, 190, 741-746.	1.0	23
34	Structural Evidence of <i>N</i> -6-Isopentenyladenosine As a New Ligand of Farnesyl Pyrophosphate Synthase. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7798-7803.	2.9	23
35	The Swapping of Terminal Arms in Ribonucleases: A Comparison of the Solution Structure of Monomeric Bovine Seminal and Pancreatic Ribonucleases. <i>Biochemistry</i> , 2003, 42, 8704-8711.	1.2	22
36	Binding of the Hemopressin Peptide to the Cannabinoid CB ₁ Receptor: Structural Insights. <i>Biochemistry</i> , 2010, 49, 10449-10457.	1.2	22

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37	Designed Glcopeptides Mimetics of Myelin Protein Epitopes As Synthetic Probes for the Detection of Autoantibodies, Biomarkers of Multiple Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10437-10447.	2.9	22
38	Characterization of a selective CaMKII peptide inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 425-434.	2.6	22
39	Development of Antiviral Fusion Inhibitors: Short Modified Peptides Derived from the Transmembrane Glycoprotein of Feline Immunodeficiency Virus. <i>ChemBioChem</i> , 2006, 7, 774-779.	1.3	19
40	A Membrane-Permeable Peptide Containing the Last 21 Residues of the G β S Carboxyl Terminus Inhibits GS-Coupled Receptor Signaling in Intact Cells: Correlations between Peptide Structure and Biological Activity. <i>Molecular Pharmacology</i> , 2006, 69, 727-736.	1.0	19
41	Ganoderma lucidum Ethanol Extracts Enhance Re-Epithelialization and Prevent Keratinocytes from Free-Radical Injury. <i>Pharmaceuticals</i> , 2020, 13, 224.	1.7	19
42	Aggregation of A β (25-35) on DOPC and DOPC/DHA Bilayers: An Atomic Force Microscopy Study. <i>PLoS ONE</i> , 2014, 9, e115780.	1.1	19
43	Structural Studies on Hgr3 Orphan Receptor Ligand Prolactin-Releasing Peptide. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5483-5491.	2.9	18
44	Environmental Mimic of Receptor Interaction: Conformational Analysis of CCK-15 in Solution. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 762-769.	2.9	18
45	Synthesis of new antifungal peptides selective against <i>Cryptococcus neoformans</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7985-7990.	1.4	18
46	A thermodynamic signature of lipid segregation in biomembranes induced by a short peptide derived from glycoprotein gp36 of feline immunodeficiency virus. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 510-517.	1.4	18
47	Interaction of short modified peptides deriving from glycoprotein gp36 of feline immunodeficiency virus with phospholipid membranes. <i>European Biophysics Journal</i> , 2009, 38, 873-882.	1.2	17
48	Interaction of a β -sheet breaker peptide with lipid membranes. <i>Journal of Peptide Science</i> , 2010, 16, 115-122.	0.8	17
49	Genomic salmon testes DNA as a catalyst for Michael reactions in water. <i>Tetrahedron</i> , 2012, 68, 3086-3091.	1.0	17
50	Solution conformation of tuftsin. <i>Biochemistry</i> , 1992, 31, 9581-9586.	1.2	16
51	Fibril aggregation inhibitory activity of the β -sheet breaker peptides: a molecular docking approach. <i>Journal of Peptide Science</i> , 2009, 15, 229-234.	0.8	16
52	The isoprenoid derivative N ⁶ -benzyladenosine CM223 exerts antitumor effects in glioma patient-derived primary cells through the mevalonate pathway. <i>British Journal of Pharmacology</i> , 2017, 174, 2287-2301.	2.7	16
53	Saliva of patients affected by salivary gland tumour: An NMR metabolomics analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 436-442.	1.4	16
54	Assignment and Secondary-Structure Determination of Monomeric Bovine Seminal Ribonuclease Employing Computer-Assisted Evaluation of Homonuclear Three-Dimensional 1H-NMR Spectra. <i>FEBS Journal</i> , 1995, 229, 494-502.	0.2	16

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55	Structures and Micelle Locations of the Nonlipidated and Lipidated C-Terminal Membrane Anchor of 2â€³,3â€³-Cyclic Nucleotide-3â€³-phosphodiesterase. <i>Biochemistry</i> , 2008, 47, 308-319.	1.2	15
56	Structural basis of antiviral activity of peptides from MPER of FIV gp36. <i>PLoS ONE</i> , 2018, 13, e0204042.	1.1	15
57	Research Article: The Nâ€³-Terminal Domain of 2â€³,3â€³-Cyclic Nucleotide 3â€³-Phosphodiesterase Harbors a GTP/ATP Binding Site. <i>Chemical Biology and Drug Design</i> , 2007, 70, 502-510.	1.5	14
58	Physicochemical characterization of a peptide deriving from the glycoprotein gp36 of the feline immunodeficiency virus and its lipoylated analogue in micellar systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1653-1661.	1.4	13
59	The Glycan Role in the Glycopeptide Immunogenicity Revealed by Atomistic Simulations and Spectroscopic Experiments on the Multiple Sclerosis Biomarker CSF114(Glc). <i>Scientific Reports</i> , 2015, 5, 9200.	1.6	13
60	Facile Baeyerâ€³-Villiger oxidation of cyclic ketones: conventional versus microwave-assisted approach. <i>Tetrahedron Letters</i> , 2015, 56, 5723-5726.	0.7	13
61	In Amyotrophic Lateral Sclerosis Blood Cytokines Are Altered, but Do Not Correlate with Changes in Brain Topology. <i>Brain Connectivity</i> , 2020, 10, 411-421.	0.8	13
62	Exploring the Early Stages of the Amyloid AÎ²(1â€³-42) Peptide Aggregation Process: An NMR Study. <i>Pharmaceuticals</i> , 2021, 14, 732.	1.7	13
63	Retroinverso Analogue of the Antiviral Octapeptide C8 Inhibits Feline Immunodeficiency Virus in Serum. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1807-1810.	2.9	12
64	Antibodies Generated in Cats by a Lipopeptide Reproducing the Membrane-Proximal External Region of the Feline Immunodeficiency Virus Transmembrane Enhance Virus Infectivity. <i>Vaccine Journal</i> , 2007, 14, 944-951.	3.2	12
65	The iAÎ²5p Î²-breaker peptide regulates the AÎ²(25â€³-35) interaction with lipid bilayers through a cholesterol-mediated mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 88-92.	1.0	12
66	On the microscopic and mesoscopic perturbations of lipid bilayers upon interaction with the MPER domain of the HIV glycoprotein gp41. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1904-1913.	1.4	12
67	Conformational studies on a synthetic C-terminal fragment of the Î± subunit of GS proteins. <i>Biopolymers</i> , 2000, 54, 186-194.	1.2	11
68	Conformational Stability of AÎ²-(25-35) in the Presence of Thiazolidine Derivatives. <i>Chemical Biology and Drug Design</i> , 2007, 69, 111-118.	1.5	11
69	A New Series of 1,3â€³-Dihydroâ€³-Imidazo[1,5â€³-c</i>]thiazoleâ€³-5,7â€³-Dione Derivatives: Synthesis and Interaction with AÎ²(25â€³-35) Amyloid Peptide. <i>Chemical Biology and Drug Design</i> , 2009, 74, 224-233.	1.5	11
70	Altered Proteaseâ€³-Activated Receptor-1 Expression and Signaling in a Malignant Pleural Mesothelioma Cell Line, NCI-H28, with Homozygous Deletion of the Î²-Catenin Gene. <i>PLoS ONE</i> , 2014, 9, e1111550.	1.1	10
71	Development and application of a fast ultra-high performance liquid chromatography-trapped ion mobility mass spectrometry method for untargeted lipidomics. <i>Journal of Chromatography A</i> , 2022, 1673, 463124.	1.8	10
72	Driving Forces in the Delivery of Penetratin Conjugated G Protein Fragment. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1458-1464.	2.9	9

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73	A serum nuclear magnetic resonance-based metabolomic signature of antiphospholipid syndrome. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 133, 90-95.	1.4	9
74	New putative animal reservoirs of SARS-CoV-2 in Italian fauna: A bioinformatic approach. <i>Heliyon</i> , 2020, 6, e05430.	1.4	9
75	MALDI Mass Spectrometry Imaging Highlights Specific Metabolome and Lipidome Profiles in Salivary Gland Tumor Tissues. <i>Metabolites</i> , 2022, 12, 530.	1.3	9
76	Conformational analysis of the G α s protein C-terminal region. <i>Journal of Peptide Science</i> , 2002, 8, 476-488.	0.8	8
77	A structure-activity relationship study on position-2 of the G α s C-terminal peptide able to inhibit Gs activation by A2A adenosine receptor. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 13-18.	2.6	8
78	Bradykinin antagonists modified with dipeptide mimetic β -turn inducers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2387-2390.	1.0	8
79	Effects of Acetylcholine on β -Amyloid-Induced cPLA2 Activation in the TB Neuroectodermal Cell Line: Implications for the Pathogenesis of Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 817-826.	1.7	8
80	Prenatal and Early Postnatal Cerebral Aspartate Depletion Influences Amino Acid Pathways, Bioenergetic processes, and Developmental Brain Metabolism. <i>Journal of Proteome Research</i> , 2021, 20, 727-739.	1.8	8
81	Antifungal peptides at membrane interaction. <i>European Journal of Medicinal Chemistry</i> , 2012, 51, 154-162.	2.6	7
82	Design, synthesis, and conformational studies of [DOTA]-Octreotide analogs containing [1,2,3]triazolyl as a disulfide mimetic. <i>Peptide Science</i> , 2018, 110, e24071.	1.0	7
83	New β (1-42) ligands from anti-amyloid antibodies: Design, synthesis, and structural interaction. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114400.	2.6	7
84	Synthetic Peptides Reproducing Tissue Transglutaminase-Gliadin Complex Neo-epitopes as Probes for Antibody Detection in Celiac Disease Patients' Sera. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1390-1399.	2.9	6
85	Is it time to integrate sex and gender into drug design and development?. <i>Future Medicinal Chemistry</i> , 2015, 7, 557-559.	1.1	6
86	High-resolution magic angle spinning nuclear magnetic resonance (HR-MAS-NMR) as quick and direct insight of almonds. <i>Natural Product Research</i> , 2020, 34, 71-77.	1.0	6
87	The Non-Fibrillating N-Terminal of β -Synuclein Binds and Co-Fibrillates with Heparin. <i>Biomolecules</i> , 2020, 10, 1192.	1.8	6
88	NMR-based metabolomic profile of hypercholesterolemic human sera: Relationship with in vitro gene expression?. <i>PLoS ONE</i> , 2020, 15, e0231506.	1.1	6
89	Fibromyalgia and Depression in Women: An ¹ H-NMR Metabolomic Study. <i>Metabolites</i> , 2021, 11, 429.	1.3	6
90	G α s protein C-terminal β -helix at the interface: does the plasma membrane play a critical role in the G α s protein functionality?. <i>Journal of Peptide Science</i> , 2005, 11, 617-626.	0.8	5

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91	Solution Conformation of a Potent Cyclic Analogue of Tuftsin: A Low-Temperature Nuclear Magnetic Resonance Study in a Cryoprotective Mixture. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 1705-1713.	2.9	4
92	¹ H and ¹⁵ N sequential assignment and secondary structure of the monomeric N67D mutant of bovine seminal ribonuclease. <i>Journal of Biomolecular NMR</i> , 2001, 20, 289-290.	1.6	4
93	Side chain-to-Side chain Cyclization by Intramolecular Click Reaction - Building Blocks, Solid Phase Synthesis and Conformational Characterization. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 175-176.	0.8	4
94	A New Approach to Supramolecular Structure Determination in Pharmaceutical Preparation of Self-Assembling Peptides: A Case Study of Lanreotide Autogel. <i>Pharmaceutics</i> , 2022, 14, 681.	2.0	4
95	Environmental constraints in the study of flexible segments of proteins. <i>Journal of Biomolecular NMR</i> , 1998, 11, 415-422.	1.6	3
96	Solvent independent conformational propensities of [1,2,3]triazolyl-bridged parathyroid hormone-related peptide-derived cyclo-nonapeptide analogues. <i>Biopolymers</i> , 2012, 98, 535-545.	1.2	3
97	NMR for screening and a biochemical assay: Identification of new FPPS inhibitors exerting anticancer activity. <i>Bioorganic Chemistry</i> , 2020, 98, 103449.	2.0	3
98	Benzodiazepine Scaffold as Drug-like Molecular Simplification of FR235222: A Chemical Tool for Exploring HDAC Inhibition. <i>Current Topics in Medicinal Chemistry</i> , 2016, 17, 441-459.	1.0	3
99	CD and NMR conformational studies on cholecystokinin peptides. <i>Regulatory Peptides</i> , 1992, 40, 213.	1.9	2
100	NMR Structure of the FIV gp36 C-terminal Heptad Repeat and Membrane-Proximal External Region. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2037.	1.8	2
101	Binding of the Anti-FIV Peptide C8 to Differently Charged Membrane Models: From First Docking to Membrane Tubulation. <i>Frontiers in Chemistry</i> , 2020, 8, 493.	1.8	2
102	The role of Cell Penetrating Peptides (CPPs) in membrane lipid phase behavior: a novel aspect elucidating peptide-mediated delivery. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 605-606.	0.8	1
103	Towards an Improvement of Anticancer Activity of Benzyl Adenosine Analogs. <i>Molecules</i> , 2021, 26, 7146.	1.7	1