

# Rosa Iacovino

## List of Publications by Year in descending order

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37  
papers

696  
citations

516710

16  
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642732

23  
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39  
all docs

39  
docs citations

39  
times ranked

833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the inclusion properties of aromatic amino acids complexing beta-cyclodextrins in model peptides. <i>Amino Acids</i> , 2015, 47, 2215-2227.	2.7	79
2	Î <sup>2</sup> -Cyclodextrin Inclusion Complex to Improve Physicochemical Properties of Pipemidic Acid: Characterization and Bioactivity Evaluation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 13022-13041.	4.1	48
3	Conformational Characterization of the 1-Aminocyclobutane-1-carboxylic Acid Residue in Model Peptides. , 1997, 3, 110-122.		40
4	Alpha- and Beta-Cyclodextrin Inclusion Complexes with 5-Fluorouracil: Characterization and Cytotoxic Activity Evaluation. <i>Molecules</i> , 2016, 21, 1644.	3.8	37
5	Helical screw sense of peptide molecules: The pentapeptide system (Aib) <sub>4</sub> /L-Val[L-(Î±Me)Val] in the crystal state. , 1998, 46, 433-443.		35
6	Cyclodextrins as Complexing Agents: Preparation and Applications. <i>Current Organic Chemistry</i> , 2016, 21, 162-176.	1.6	28
7	Experimental evidence at atomic resolution for intramolecular N(SINGLEBOND)H ··· ··· (phenyl) interactions in a family of amino acid derivatives. , 1997, 42, 1-6.		26
8	Physicochemical Characterization and Cytotoxic Activity Evaluation of Hydroxymethylferrocene:Î <sup>2</sup> -Cyclodextrin Inclusion Complex. <i>Molecules</i> , 2012, 17, 6056-6070.	3.8	26
9	Conformational restriction through C <sup>Î±</sup> -C <sup>Î±</sup> cyclization: 1-aminocycloheptane-1-carboxylic acid (Ac7c). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2023-2032.	0.9	24
10	Distachyasin: A new antioxidant metabolite from the leaves of <i>Carex distachya</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 6096-6101.	2.2	22
11	Synthesis of C-Alkylcalix[4]arenes. 5. Design, Synthesis, Computational Studies, and Homodimerization of Polymethylene-Bridged Resorc[4]arenes. <i>Journal of Organic Chemistry</i> , 1997, 62, 1788-1794.	3.2	20
12	A New Approach for Improving the Antibacterial and Tumor Cytotoxic Activities of Pipemidic Acid by Including It in Trimethyl-Î <sup>2</sup> -cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2019, 20, 416.	4.1	20
13	Polypseudorotaxanes of Pluronic® F127 with Combinations of Î±- and Î <sup>2</sup> -Cyclodextrins for Topical Formulation of Acyclovir. <i>Nanomaterials</i> , 2020, 10, 613.	4.1	19
14	Solid state structural analysis of the cyclooctapeptide cyclo-(Pro <sup>1</sup> -Pro-Phe-Phe-Ac <sup>6</sup> -Ile-D-Ala-Val <sup>8</sup> ). <i>Biopolymers</i> , 2000, 53, 189-199.	2.4	18
15	Conformational restriction through C <sup>Î±</sup> -C <sup>Î±</sup> cyclization: Ac <sup>12</sup> c, the largest cycloaliphatic C <sup>Î±</sup> ,?-disubstituted glycine known. <i>Biopolymers</i> , 2000, 53, 200-212.	2.4	18
16	Solid State and Solution Conformation of 6-[4-[N-tert-ButoxycarbonylN-(N-ethyl)propanamide]imidazolyl]-6-deoxycyclomaltoheptaose: Evidence of Self-Inclusion of the Boc Group within the Î <sup>2</sup> -Cyclodextrin Cavity. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1065-1076.	2.4	18
17	New antitumour cyclic astin analogues: synthesis, conformation and bioactivity. <i>Journal of Peptide Science</i> , 2004, 10, 92-102.	1.4	18
18	The (unusual) aspartic acid in the metal coordination sphere of the prokaryotic zinc finger domain. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 91-98.	3.5	18

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19	Molecular strategies to replace the structural metal site in the prokaryotic zinc finger domain. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 497-504.	2.3	17
20	Ni(II), Hg(II), and Pb(II) Coordination in the Prokaryotic Zinc-Finger Ros87. <i>Inorganic Chemistry</i> , 2019, 58, 1067-1080.	4.0	17
21	Carexanes from <i>Carex distachya</i> Desf.: revised stereochemistry and characterization of four novel polyhydroxylated prenylstilbenes. <i>Tetrahedron</i> , 2008, 64, 7782-7786.	1.9	16
22	Co(II) Coordination in Prokaryotic Zinc Finger Domains as Revealed by UV-Vis Spectroscopy. <i>Bioinorganic Chemistry and Applications</i> , 2017, 2017, 1-7.	4.1	16
23	Reactions of Pd(PPh <sub>3</sub> ) <sub>4</sub> with 3',5'-Di-O-acetylthymidine: Oxidative Addition of Pd(PPh <sub>3</sub> ) <sub>4</sub> on Thymidine N3 and C4 Atoms. <i>Organometallics</i> , 2005, 24, 3401-3406.	2.3	12
24	Conformational characterization of peptides rich in the cycloaliphatic C $\alpha$ , $\beta$ -disubstituted glycine 1-amino-cyclononane-1-carboxylic acid. <i>Journal of Peptide Science</i> , 1997, 3, 367-382.	1.4	11
25	X-ray structures of new dipeptide taste ligands. <i>Journal of Peptide Science</i> , 1998, 4, 229-238.	1.4	11
26	Synthesis of Novel Indole-Based Ring Systems by Acid-Catalysed Condensation from $\beta$ -Amino Aldehydes and <i>tert</i> -PrOMe. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1983-1992.	2.4	11
27	Structural Insight of the Full-Length Ros Protein: A Prototype of the Prokaryotic Zinc-Finger Family. <i>Scientific Reports</i> , 2020, 10, 9283.	3.3	11
28	Conformational analysis of the dipeptide taste ligand L-aspartyl-D-2-aminobutyric acid-(S)- $\beta$ -ethylbenzylamide and its analogues by NMR spectroscopy, computer simulations and X-ray diffraction studies. <i>Journal of Peptide Science</i> , 1997, 3, 231-241.		10
29	supplementary information (ESI) available: Benzene-d <sub>6</sub> shifts of compound 7 compared with those of component units, details on the new parameters added to heme29 and cartesian coordinate files of lowest-energy conformations of 3, 5 and 7 (benzene inside) on the molecular modelling studies (pdb Tj ETQq1 1 0:784314 rgbT /Overl	2.8	10
30	Preferred conformation of peptides based on cycloaliphatic C $\alpha$ , $\beta$ -disubstituted glycines: 1-amino-cycloundecane-1-carboxylic acid (Ac11c). <i>Journal of Peptide Science</i> , 2000, 6, 571-583.	1.4	9
31	Substitution of the Native Zn(II) with Cd(II), Co(II) and Ni(II) Changes the Downhill Unfolding Mechanism of Ros87 to a Completely Different Scenario. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8285.	4.1	8
32	C $\alpha$ -Methyl, C $\alpha$ -allylglycine (Mag) Homooligomers. <i>Macromolecules</i> , 2001, 34, 4263-4269.	4.8	6
33	Crystal-state conformation of C $\alpha$ , $\beta$ -dialkylated peptides containing chiral $\beta$ -homo-residues. <i>Journal of Peptide Science</i> , 2001, 7, 15-26.	1.4	6
34	Crystal and molecular structure of $\beta$ -cyclodextrins functionalized with the anti-inflammatory drug Etodolac. <i>Biopolymers</i> , 2009, 91, 1227-1235.	2.4	6
35	Synthesis and conformation of dipeptide taste ligands containing homo- $\beta$ -amino acid residues. <i>Journal of Physical Organic Chemistry</i> , 1999, 12, 577-587.	1.9	3
36	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 129.	0.1	1

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37	$\beta^2$ -amino acid residues: Conformational characterization of an N- and C-protected homo- $\beta^2$ -(S)-leucine. International Journal of Peptide Research and Therapeutics, 1997, 4, 129-134.	0.1	1