

# Angelo Liguori

## List of Publications by Year in descending order

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93  
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1,925  
citations

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24  
h-index

315739

38  
g-index

112  
all docs

112  
docs citations

112  
times ranked

1725  
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#	ARTICLE	IF	CITATIONS
1	Determination of substituent effects on the proton affinities of natural nucleosides by the kinetic method. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4677.	1.6	0
2	Leptin-Activity Modulators and Their Potential Pharmaceutical Applications. <i>Biomolecules</i> , 2021, 11, 1045.	4.0	12
3	A titanium tetrachloride-based effective methodology for the synthesis of dipeptides. <i>RSC Advances</i> , 2019, 9, 22137-22142.	3.6	2
4	Leptin Receptor as a Potential Target to Inhibit Human Testicular Seminoma Growth. <i>American Journal of Pathology</i> , 2019, 189, 687-698.	3.8	13
5	Alternative formation of amides and $\beta$ -enaminones from aroyl chlorides using the $TiCl_4$ -trialkylamine reagent system. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5677-5683.	2.8	9
6	One-pot conversion of aldehydes to nitriles mediated by $TiCl_4$ . <i>Tetrahedron Letters</i> , 2017, 58, 1512-1514.	1.4	30
7	Formation of amides: one-pot condensation of carboxylic acids and amines mediated by $TiCl_4$ . <i>Chemistry Central Journal</i> , 2017, 11, 87.	2.6	35
8	Aromatherapy: composition of the gaseous phase at equilibrium with liquid bergamot essential oil. <i>Chemistry Central Journal</i> , 2017, 11, 111.	2.6	11
9	N-Methylated $\beta$ -Amino Acids And Peptides: Synthesis And Biological Activity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 683-690.	2.4	56
10	A novel leptin antagonist peptide inhibits breast cancer growth <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1122-1132.	3.6	53
11	Lewis acid catalysed methylation of <i>N</i> -(9-fluorenylmethanesulfonyl) (Fms) protected lipophilic $\beta$ -amino acid methyl esters. <i>Journal of Peptide Science</i> , 2015, 21, 644-650.	1.4	7
12	A simple synthesis of anilines by $LiAlH_4/TiCl_4$ reduction of aromatic nitro compounds. <i>Tetrahedron Letters</i> , 2015, 56, 5341-5344.	1.4	18
13	Therapeutic potential of leptin receptor modulators. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 97-105.	5.5	17
14	Quantitative determination of fatty acid chain composition in pork meat products by high resolution $^1H$ NMR spectroscopy. <i>Food Chemistry</i> , 2013, 136, 546-554.	8.2	86
15	The dimethylsulfoxonium methylide as unique reagent for the simultaneous deprotection of amino and carboxyl function of <i>N</i> -Fmoc- $\beta$ -amino acid and <i>N</i> -Fmoc-peptide esters. <i>Tetrahedron</i> , 2013, 69, 2010-2016.	1.9	7
16	<i>C</i> $\alpha'$ <i>N</i> and <i>N</i> $\alpha'$ <i>C</i> solution phase peptide synthesis using the <i>N</i> -acyl 4-nitrobenzenesulfonamide as protection of the carboxylic function. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3786.	2.8	7
17	A One-Pot Procedure for the Preparation of <i>N</i> -(9-Fluorenylmethoxycarbonyl)- $\beta$ -amino Diazoketones from $\beta$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 10575-10582.	3.2	26
18	Simultaneous extraction and derivatization of amino acids and free fatty acids in meat products. <i>Journal of Chromatography A</i> , 2012, 1241, 96-102.	3.7	32

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19	Dry Fermented Sausages of Southern Italy: A Comparison of Free Amino Acids and Biogenic Amines between Industrial and Homemade Products. <i>Journal of Food Science</i> , 2012, 77, S170-5.	3.1	10
20	Unusual Reactivity of Dimethylsulfoxonium Methylide with Esters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 114-118.	2.4	14
21	Transformations of 3 $\beta$ -Hydroxy Steroids with Lewis and Anhydrous Protic Acids: The Case of Pregnane-4 $\alpha$ -en-3 $\beta$ ,17 $\beta$ ,20 $\beta$ -triol. <i>Chemical Biology and Drug Design</i> , 2011, 78, 269-276.	3.2	4
22	N-Alkylation of N-arylsulfonyl- $\beta$ -amino acid methyl esters by trialkyloxonium tetrafluoroborates. <i>Tetrahedron</i> , 2011, 67, 9708-9714.	1.9	29
23	A preparation of N-Fmoc-N-methyl- $\beta$ -amino acids and N-nosyl-N-methyl- $\beta$ -amino acids. <i>Amino Acids</i> , 2010, 38, 133-143.	2.7	28
24	A new non-natural arginine-like amino acid derivative with a sulfamoyl group in the side-chain. <i>Amino Acids</i> , 2010, 38, 691-700.	2.7	25
25	<i>N</i> -(4-Nitrophenylsulfonyl)- and <i>N</i> -(Fluorenylmethoxycarbonyl)- <i>N</i> -ethyl Amino Acid Methyl Esters – A Practical Approach. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4245-4252.	2.4	15
26	An Efficient Preparation of <i>N</i> -Methyl- $\beta$ -amino Acids from <i>N</i> -Nosyl- $\beta$ -amino Acid Phenacyl Esters. <i>Journal of Organic Chemistry</i> , 2010, 75, 1386-1392.	3.2	15
27	Site-Selective Methylation of <i>N</i> -Nosyl Hydrazides of <i>N</i> -Nosyl Protected $\beta$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2010, 75, 3381-3386.	3.2	6
28	Deprotection of <i>N</i> -Nosyl- $\beta$ -amino Acids by Using Solid-Supported Mercaptoacetic Acid. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3795-3800.	2.4	13
29	Methylation of $\beta$ -Amino Acids and Derivatives Using Trimethylsilyldiazomethane. <i>Chemical Biology and Drug Design</i> , 2009, 73, 287-291.	3.2	8
30	Extraction of Quinolizidine Alkaloids in Non Aqueous Basic Conditions: The Case of <i>Spartium junceum</i> Flowers. <i>Chromatographia</i> , 2008, 68, 345-349.	1.3	4
31	Comparison of the Volatile Constituents in Cold-Pressed Bergamot Oil and a Volatile Oil Isolated by Vacuum Distillation. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7847-7851.	5.2	40
32	N-Methyl-N-nosyl- $\beta$ -amino Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 4798-4802.	3.2	28
33	Solid-Phase Synthesis of <i>N</i> -Nosyl- and <i>N</i> -Fmoc- <i>N</i> -Methyl- $\beta$ -amino Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 3723-3728.	3.2	23
34	<i>N</i> -Nosyl- $\beta$ -amino acids in solution phase peptide synthesis. <i>Tetrahedron</i> , 2007, 63, 8164-8173.	1.9	23
35	Steroidal seven-membered A-ring epoxy lactones by oxidation of the corresponding $\Delta^4$ -3-ketosteroids. <i>Steroids</i> , 2006, 71, 116-119.	1.8	3
36	D-homoannulation of 17 $\beta$ ,21-dihydroxy-20-keto steroids (corticosteroids). <i>Steroids</i> , 2006, 71, 1091-1096.	1.8	4

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37	Highly specific N-monomethylation of primary aromatic amines. <i>Tetrahedron</i> , 2006, 62, 6100-6106.	1.9	33
38	Reduction of N-Methoxy-N-Methylamides to the Corresponding Amines with AlCl <sub>3</sub> /LiAlH <sub>4</sub> . <i>Letters in Organic Chemistry</i> , 2006, 3, 468-469.	0.5	2
39	Determination by gas chromatography/mass spectrometry of p-phenylenediamine in hair dyes after conversion to an imine derivative. <i>Journal of Chromatography A</i> , 2005, 1066, 143-148.	3.7	58
40	N-Methylation of Peptides on Selected Positions during the Elongation of the Peptide Chain in Solution Phase. <i>Journal of Organic Chemistry</i> , 2005, 70, 3892-3897.	3.2	29
41	Optically Pure N-Hydroxy-O-triisopropylsilyl- $\beta$ -l-amino Acid Methyl Esters from AlCl <sub>3</sub> -Assisted Ring Opening of Chiral Oxaziridines by Nitrogen Containing Nucleophiles. <i>Journal of Organic Chemistry</i> , 2005, 70, 10494-10501.	3.2	20
42	Synthesis of Chiral Nitrones from N-Fmoc Amino Acids and N-Fmoc Dipeptides. <i>Synthetic Communications</i> , 2004, 34, 3325-3334.	2.1	2
43	Highly Stereoselective Conversion of Aryl Peptidyl Ketones into the Corresponding Peptide Alcohols. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 463-467.	2.4	8
44	Alternative and Chemoselective Deprotection of the $\beta$ -Amino and Carboxy Functions of N-Fmoc-Amino Acid and N-Fmoc-Dipeptide Methyl Esters by Modulation of the Molar Ratio in the AlCl <sub>3</sub> /N,N-Dimethylaniline Reagent System. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4437-4441.	2.4	20
45	Quantitative analysis of human salivary glucose by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 801, 355-358.	2.3	19
46	The Food Contaminants Bisphenol A and 4-Nonylphenol Act as Agonists for Estrogen Receptor $\beta$ in MCF7 Breast Cancer Cells. <i>Endocrine</i> , 2003, 22, 275-284.	2.2	95
47	Energetics of an intracuster $\beta$ -elimination process driven by acetate anions. The case of a Fmoc-protected peptide investigated by high-resolution electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 778-779.	1.6	4
48	$\alpha$ -One-Pot-Methylation of N-Nosyl- $\beta$ -amino Acid Methyl Esters with Diazomethane and Their Coupling To Prepare N-Methyl Dipeptides. <i>Journal of Organic Chemistry</i> , 2003, 68, 7416-7421.	3.2	50
49	A straightforward chemical synthesis of 17-ketosteroids by cleavage of the C-17-dihydroxy acetone side chain in corticosteroids. <i>Steroids</i> , 2003, 68, 139-142.	1.8	11
50	Highly Stereoselective Synthesis of Optically Pure C-Aryl Imines from $\beta$ -l-Amino Acid Methyl Esters. <i>Synthetic Communications</i> , 2003, 33, 4331-4338.	2.1	7
51	Facile Approach to Enantiomerically Pure $\beta$ -Amino Ketones by Friedel-Crafts Aminoacylation and Their Conversion into Peptidyl Ketones. <i>Journal of Organic Chemistry</i> , 2001, 66, 7002-7007.	3.2	30
52	Site Selectivity in the Synthesis of O-Methylated Hydroxamic Acids with Diazomethane. <i>Journal of Organic Chemistry</i> , 2001, 66, 2246-2250.	3.2	25
53	A facile approach to steroidal 20-hydroxy-17(20)-en-21-aldehydes: important intermediates in the biological 17-dehydroxylation of C-17 dihydroxyacetone steroids. <i>Tetrahedron Letters</i> , 2001, 42, 7413-7415.	1.4	8
54	Electron transfer vs. proton transfer within radical-cation clusters of guanosine and deoxyguanosine with substituted naphthalenes and sinapinic acid. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 176-179.	2.8	11

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55	Structural characterization of isoxazolidinyl nucleosides by fast atom bombardment tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1220-1225.	1.6	7
56	Simple and efficient routes for the preparation of isoxazolidinyl nucleosides containing cytosine and 5-methyl-cytosine as new potential anti-HIV drugs. <i>Tetrahedron</i> , 2001, 57, 8551-8557.	1.9	29
57	Survey of the proton affinities of adenine, cytosine, thymine and uracil dideoxynucleosides, deoxynucleosides and ribonucleosides. , 2000, 35, 139-144.		35
58	New Strategies for an Efficient Removal of the 9-Fluorenylmethoxycarbonyl (Fmoc) Protecting Group in the Peptide Synthesis. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 573-575.	2.4	21
59	Straightforward Synthesis of Lipophilic Thymidine Glucopyranosyl Monophosphates as Models for a Drug Delivery System Across Cellular Membranes. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 2565-2580.	0.5	3
60	The structure characterization of dinucleoside and nucleoside glucopyranosides lipophilic phosphotriesters by fast-atom bombardment tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 975-982.	2.8	2
61	Synthesis of Isoxazolidino Analogues of 2',3'-Dideoxynucleosides. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 581-583.	0.5	9
62	Model studies towards the synthesis of 4'-azaerythrofuransyladenines as analogues of the antiviral drug 2',3'-dideoxyadenosine (ddA). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3097-3100.	0.9	22
63	Convenient and stereospecific homologation of N-fluorenylmethoxycarbonyl- $\beta$ -amino acids to their $\beta$ -homologues. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1969-1972.	0.9	32
64	A Novel Class of 4'-Aza Analogues of 2',3'-Dideoxynucleosides as Potential Anti-HIV Drugs. <i>Nucleosides &amp; Nucleotides</i> , 1997, 16, 1515-1518.	0.5	18
65	Nonionic surfactants. Regioselective synthesis of fatty acid esters of $\beta$ - and $\beta$ -glucopyranose. <i>Lipids</i> , 1997, 32, 559-563.	1.7	7
66	Participation of the nucleobases in the regioselective backbone fragmentation of nucleic acids. A molecular dynamics and tandem mass spectrometric investigation on a model dinucleoside phosphotriester. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 1257-1261.	2.8	5
67	A novel approach to the synthesis of lipophilic thymidinemonophosphoglucopyranosides as drug delivery systems. <i>Carbohydrate Research</i> , 1996, 286, 77-86.	2.3	7
68	Synthesis of 4'-aza analogues of 2',3'-dideoxythymidine by 1,3-dipolar cycloadditions of nitrones to 1-N-vinyl-thymine. <i>Tetrahedron Letters</i> , 1996, 37, 1277-1280.	1.4	46
69	Synthesis of Two 6-N-Protected 9-N-Vinyladenines as Dipolarophiles in the Synthesis of Modified Nucleosides. <i>Synthetic Communications</i> , 1996, 26, 4211-4217.	2.1	11
70	Determination of substituent effects on the proton affinities of natural nucleosides by the kinetic method. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 89-93.	1.5	40
71	Ring-opening of substituted isoxazolidines: one-pot synthesis of indenenes. <i>Tetrahedron</i> , 1993, 49, 5147-5152.	1.9	7
72	Regioselective acylation of methyl $\beta$ -D-glucopyranoside and methyl $\beta$ -D-mannopyranoside by means of bis(2-oxoxazolidin-3-yl)phosphinic chloride (BOP-Cl). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1783-1786.	0.9	12

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73	Novel approach to the ring-opening of 4-isoxazolines: One-pot synthesis of $\hat{1}\pm, \hat{1}^2$ -enones. Tetrahedron, 1992, 48, 123-132.	1.9	18
74	Ring-opening of isoxazolidine system: Homologation of 3-aryl into 3-styryl nitrones via intermediate 5-hydroxy-isoxazolidines.. Tetrahedron, 1992, 48, 9473-9482.	1.9	12
75	Unimolecular Depurination of Substituted Deoxyadenosines by Fast Atom Bombardment Mass Spectrometry/Mass Spectrometry. Nucleosides & Nucleotides, 1990, 9, 373-377.	0.5	9
76	Synthesis of 2H labelled diastereomeric isoxazolidines by 1,3-dipolar cycloadditions of nitrones to alkenes. Journal of Labelled Compounds and Radiopharmaceuticals, 1990, 28, 1277-1283.	1.0	7
77	Unimolecular depurination of protonated deoxyribonucleosides in the gas phase: A fast atom bombardment tandem mass spectrometric investigation. Organic Mass Spectrometry, 1990, 25, 459-464.	1.3	17
78	Gas-phase proton affinity of deoxyribonucleosides and related nucleobases by fast atom bombardment tandem mass spectrometry. Journal of the American Chemical Society, 1990, 112, 9092-9096.	13.7	210
79	Synthesis of $(\hat{1}\pm)$ -allostedamine by iodide treatment of isoxazolidinium salts. Chemische Berichte, 1989, 122, 2019-2020.	0.2	22
80	N,O-heterocycles, 24. Novel approach to the ring-opening reaction of isoxazolidinium salts to 1,3-amino alcohols. Chemische Berichte, 1988, 121, 105-109.	0.2	18
81	Sequence effect on the slow degradations of dinucleotides by fast atom bombardment tandem mass spectrometry1. Biological Mass Spectrometry, 1988, 16, 451-454.	0.5	15
82	Chemo and regioselective acylation of deoxyribonucleosides by means of n,n-bis-(2-oxo-oxazolidin-3-yl) phosphorodiammidic chloride (bopdc). Tetrahedron, 1988, 44, 229-234.	1.9	18
83	Bio-organic applications of mass spectrometry. Part 6. Selective deprotection of nucleotides by fast atom bombardment mass spectrometry. Journal of the Chemical Society Perkin Transactions II, 1988, , 1661.	0.9	4
84	The Formation of Substituted Indoles by Acid Catalyzed Rearrangements of 4-Isxazolines. Heterocycles, 1988, 27, 1365.	0.7	12
85	Direct Conversion of Hydroxamic Acids into Nitriles. Synthesis, 1987, 1987, 168-168.	2.3	19
86	Bioorganic applications of mass spectrometry. Part 5. Transmethylation reactions of L-carnitine in energized condensed phase. Journal of the American Chemical Society, 1986, 108, 7488-7491.	13.7	16
87	N,O-heterocyclics13;-14conversion of isoxazolidines into $\hat{1}\pm, \hat{1}^2$ enones. Tetrahedron, 1984, 40, 1901-1906.	1.9	25
88	Reaction mechanism of gaseous organic cations-21. Tetrahedron, 1984, 40, 925-929.	1.9	3
89	N,O-heterocyclics-12. Tetrahedron, 1983, 39, 683-687.	1.9	16
90	$\langle i \rangle N, O \langle /i \rangle$ -heterocyclics. $\langle b \rangle 13 \langle /b \rangle$ . Isoxazolidinium salts as synthons to $\langle i \rangle N, N, O \langle /i \rangle$ -trisubstituted hydroxylamines. Journal of Heterocyclic Chemistry, 1983, 20, 1207-1215.	2.6	9

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91	Structure and internal rotation in 3-phenylthiophene using NMR spectra of liquid-crystalline solutions. <i>Journal of Magnetic Resonance</i> , 1983, 51, 438-445.	0.5	4
92	The conformation of 4-acetylpyridine determined from proton and deuterium nuclear magnetic resonance spectra of a nematic phase. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1981, , 540.	0.9	8
93	Reaction mechanisms of gaseous organic cations. 20. Reactivity of ionized 3-phenylisoxazol-5(4H)-one. <i>Journal of Organic Chemistry</i> , 1981, 46, 4450-4453.	3.2	5