

Antonio Guarna

List of Publications by Year in descending order

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48
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174
all docs

174
docs citations

174
times ranked

2876
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Family of Cinchona-Derived Amino Phosphine Precatalysts: Application to the Highly Enantio- and Diastereoselective Silver-Catalyzed Isocyanoacetate Aldol Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 1710-1713.	13.7	225
2	1,3-Aminoalcohols by reductive cleavage of isoxazolidines with molybdenum hexacarbonyl. <i>Tetrahedron Letters</i> , 1990, 31, 3351-3354.	1.4	209
3	Rearrangement of isoxazoline-5-spiro derivatives. 2. Synthesis and rearrangement of tetrahydroisoxazole-5-spirocyclopropanes. Preparation of precursors of quinolizine, isoquinoline, and indole alkaloids. <i>Journal of Organic Chemistry</i> , 1988, 53, 2430-2434.	3.2	82
4	New Synthetic Approach to Cyclopenta-Fused Heterocycles Based upon a Mild Nazarov Reaction. <i>Journal of Organic Chemistry</i> , 2003, 68, 9728-9741.	3.2	78
5	Suzuki Reaction of Vinyl Triflates from Six- and Seven-Membered N-Alkoxy carbonyl Lactams with Boronic Acids and Esters. <i>Journal of Organic Chemistry</i> , 2001, 66, 2459-2465.	3.2	77
6	Organocatalytic Diastereo- and Enantioselective Michael Addition Reactions of 5-Aryl-1,3-dioxolan-4-ones. <i>Organic Letters</i> , 2007, 9, 2107-2110.	4.6	72
7	Preparation and Suzuki-Miyaura Coupling Reactions of Tetrahydropyridine-2-boronic Acid Pinacol Esters. <i>Journal of Organic Chemistry</i> , 2005, 70, 7324-7330.	3.2	64
8	19-Nor-10-azasteroids: A Novel Class of Inhibitors for Human Steroid 5 α -Reductases 1 and 2. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1112-1129.	6.4	58
9	Rearrangement of isoxazoline-5-spiro derivatives. 5. Diastereofacial selectivity in the cycloaddition of substituted five-membered cyclic nitrones and methylenecyclopropanes. Stereoselective synthesis of 3,5-substituted indolizidinones. <i>Journal of Organic Chemistry</i> , 1990, 55, 1762-1767.	3.2	57
10	New Synthesis of Azaheterocycles by Rearrangement of Isoxazoline-5-spirocycloalkane Compounds. <i>Synlett</i> , 1993, 1993, 1-8.	1.8	54
11	Preparation and Cycloaddition Reactions of Enantiopure 2-(N-Acylamino)-1,3-dienes for the Synthesis of Octahydroquinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2003, 68, 6360-6368.	3.2	53
12	Selective non-steroidal inhibitors of 5 α -reductase type 1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 88, 1-16.	2.5	52
13	Synthesis and Conformational Analysis of Small Peptides Containing 6-Endo-BT(t)L Scaffolds as Reverse Turn Mimetics. <i>Journal of Organic Chemistry</i> , 2002, 67, 7483-7492.	3.2	51
14	New Synthetic Approach to Cyclopenta-Fused Heterocycles Based upon a Mild Nazarov Reaction. 2. Further Studies on the Torquoselectivity. <i>Journal of Organic Chemistry</i> , 2004, 69, 7705-7709.	3.2	51
15	Remote Stereocontrol in the Nazarov Reaction: A New Approach to the Core of Roseophilin. <i>Journal of Organic Chemistry</i> , 2005, 70, 4542-4545.	3.2	51
16	Redirection of allergen-specific TH2 responses by a modified adenine through Toll-like receptor 7 interaction and IL-12/IFN release. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 511-517.	2.9	50
17	Click-Chemistry-Derived Triazole Ligands of Arginine-Glycine-Aspartate (RGD) Integrins with a Broad Capacity To Inhibit Adhesion of Melanoma Cells and Both in Vitro and in Vivo Angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7119-7128.	6.4	49
18	The Lewis Acid-Catalyzed Nazarov Reaction of 2-(N-Methoxycarbonylamino)-1,4-pentadien-3-ones. <i>Organic Letters</i> , 2006, 8, 781-784.	4.6	44

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19	Synthesis and Reactivity of Bicycles Derived from Tartaric Acid and $\hat{\pm}$ -Amino Acids: A Novel Class of Conformationally Constrained Dipeptide Isoesters Based upon Enantiopure 3-Aza-6,8-dioxabicyclo[3.2.1]octane-7-carboxylic Acid. <i>Journal of Organic Chemistry</i> , 1999, 64, 7347-7364.	3.2	43
20	Density Functional Studies on the Nazarov Reaction Involving Cyclic Systems. <i>Chemistry - A European Journal</i> , 2006, 12, 2836-2845.	3.3	42
21	A new synthesis of (2S)-4-oxopipercolic acid by thermal rearrangement of enantiopure spirocyclopropaneisoxazolidine. <i>Tetrahedron Letters</i> , 1996, 37, 4205-4208.	1.4	41
22	Cleavage of Isoxazolines with Tricarbonyltris(acetonitrile)molybdenum and Silica Gel. Synthesis of 1-(2-Oxoalkyl)cyclopropanols from Isoxazoline-5-spirocyclopropanes. <i>Synthesis</i> , 1989, 1989, 175-178.	2.3	39
23	Rearrangement of isoxazoline-5-spiro derivatives. Part 7. Thermal rearrangement of 4,5-dihydro and tetrahydroisoxazole-5-spirocyclobutanes to azepin-4-one derivatives. <i>Tetrahedron</i> , 1992, 48, 5283-5300.	1.9	38
24	Convenient Route to Enantiopure Fmoc-Protected Morpholine-3-carboxylic Acid. <i>Journal of Organic Chemistry</i> , 2007, 72, 4254-4257.	3.2	36
25	The isoxazoline-5-spirocyclopropane route to ($\hat{\pm}$)-Pumiliotoxin C. <i>Tetrahedron Letters</i> , 1992, 33, 6697-6700.	1.4	35
26	Carbonylative Suzuki-Miyaura Coupling Reaction of Lactam-, Lactone-, and Thiolactone-Derived Enol Triflates for the Synthesis of Unsymmetrical Dienones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2152-2163.	2.4	34
27	The TLR7 Ligand 9-Benzyl-2-Butoxy-8-Hydroxy Adenine Inhibits IL-17 Response by Eliciting IL-10 and IL-10-Inducing Cytokines. <i>Journal of Immunology</i> , 2011, 186, 4707-4715.	0.8	34
28	Rearrangement of isoxazoline-5-spiro derivatives. 1. Synthesis of 4,5-dihydroisoxazole-5-spirocyclopropanes and their rearrangement to 5,6-dihydro-4-pyridones. <i>Journal of Organic Chemistry</i> , 1988, 53, 2426-2429.	3.2	33
29	Stereoselective cyclopropanation of serine- and threonine-derived oxazines to access new morpholine-based scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3328.	2.8	33
30	Diversity-Oriented Synthesis of Morpholine-Containing Molecular Scaffolds. <i>Chemistry - A European Journal</i> , 2009, 15, 7871-7875.	3.3	33
31	Enantiodivergent Chemoenzymatic Synthesis of 4-Hydroxypiperidine Alkaloids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5831-5840.	2.4	33
32	Diversity-Oriented Synthesis as a Tool for Chemical Genetics. <i>Molecules</i> , 2014, 19, 16506-16528.	3.8	32
33	Benzo[c]quinolizin-3-ones: A Novel Class of Potent and Selective Nonsteroidal Inhibitors of Human Steroid 5 $\hat{\pm}$ -Reductase 1. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3718-3735.	6.4	31
34	Synthesis of $\hat{\pm}$ -Acyl-Functionalized Azacycles by Pd-Catalyzed Cross-Coupling Reactions of $\hat{\pm}$ -Alkoxyboronates with Lactam-Derived Vinyl Triflates. <i>Journal of Organic Chemistry</i> , 2002, 67, 7144-7146.	3.2	31
35	Skeletal Diversity from Carbohydrates: Use of Mannose for the Diversity-Oriented Synthesis of Polyhydroxylated Compounds. <i>Journal of Organic Chemistry</i> , 2015, 80, 2182-2191.	3.2	30
36	The chemistry of fulminic acid revised. <i>Tetrahedron</i> , 1985, 41, 5181-5185.	1.9	29

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37	Rearrangement of isoxazoline-5-spiro derivatives. part 4. Synthesis of medium size benzofused azaheterocycles. <i>Tetrahedron</i> , 1989, 45, 5917-5924.	1.9	29
38	Microbial biotransformations in water/organic solvent system. Enantioselective reduction of aromatic β^2 - and β^3 -nitroketones. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1389-1394.	1.8	29
39	Identification of Inhibitors of Drug-Resistant <i>Candida albicans</i> Strains from a Library of Bicyclic Peptidomimetic Compounds. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2502-2509.	6.4	29
40	Enantiospecific synthesis of 3-aza-6,8-dioxo-bicyclo[3.2.1]octane carboxylic acids from erythrose. <i>Tetrahedron</i> , 2003, 59, 5251-5258.	1.9	28
41	New Evidence of Similarity between Human and Plant Steroid Metabolism: 5α -Reductase Activity in <i>Solanum malacoxylon</i> . <i>Endocrinology</i> , 2003, 144, 220-229.	2.8	28
42	Synthesis, Biological Activity, and Three-Dimensional Quantitative Structure-Activity Relationship Model for a Series of Benzo[c]quinolizin-3-ones, Nonsteroidal Inhibitors of Human Steroid 5α -Reductase 1. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 3546-3560.	6.4	28
43	Baker's yeast reduction of prochiral β^3 -nitroketones. II.1 straightforward enantioselective synthesis of 2,7-dimethyl-1,6-dioxaspiro[4.4]nonanes. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2971-2976.	1.8	27
44	19-Nor-10-azasteroids. 5.1A Synthetic Strategy for the Preparation of (+)-17-(3-Pyridyl)-(5 β)-10-azaestra-1,16-dien-3-one, a Novel Potential Inhibitor for Human Cytochrome P45017 β (17 β -Hydroxylase/C17,20-lyase). <i>Journal of Organic Chemistry</i> , 1999, 64, 4985-4989.	3.2	27
45	Modification of the Aza-Robinson Annulation for the Synthesis of 4-Methyl-Benzo[c]quinolizin-3-ones, Potent Inhibitors of Steroid 5α -Reductase 1. <i>Journal of Organic Chemistry</i> , 2000, 65, 8093-8095.	3.2	27
46	Pd(0)-Catalyzed Cross-Coupling Reactions of Boron Derivatives with a Lactam-Derived N-Boc Enol Triflate. <i>Organic Letters</i> , 2000, 2, 1241-1242.	4.6	27
47	Skeletal diversity by sequential one-pot and stepwise routes using morpholine ester scaffolds. <i>Tetrahedron Letters</i> , 2010, 51, 6282-6285.	1.4	27
48	19-Nor-10-azasteroids, a New Class of Steroid 5α -Reductase Inhibitors. 2. X-ray Structure, Molecular Modeling, Conformational Analysis of 19-Nor-10-azasteroids and Comparison with 4-Azasteroids and 6-Azasteroids. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3466-3477.	6.4	26
49	Enantioselective addition of diethylzinc to aldehydes using 1,4-aminoalcohols as chiral ligands. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1319-1324.	1.8	26
50	¹²⁵ I-Radiolabeled Morpholine-Containing Arginine-Glycine-Aspartate (RGD) Ligand of β^3 Integrin As a Molecular Imaging Probe for Angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5024-5033.	6.4	26
51	Trimethylsilylcarbonitrile Oxide. <i>Synthesis</i> , 1982, 1982, 719-721.	2.3	25
52	Morpholine-based RGD-cyclopentapeptides as β^3/β^5 integrin ligands: Role of configuration towards receptor binding affinity. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1542-1549.	3.0	25
53	Baker's yeast reduction of prochiral β^3 -nitroketones: Enantioselective synthesis of (S)-4-nitroalcohols. <i>Tetrahedron</i> , 1995, 51, 1775-1788.	1.9	24
54	A Concise Route to 19-Nor-10-azasteroids, a New Class of Steroid 5α -Reductase Inhibitors. 3.1 Synthesis of (+)-19-Nor-10-azasterone and (+)-17 β -(Acetyloxy)-(5 β)-10-azaestr-1-en-3-one. <i>Journal of Organic Chemistry</i> , 1998, 63, 4111-4115.	3.2	24

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55	Synthesis of a new enantiopure bicyclic β/β' -amino acid (BTKa) derived from tartaric acid and β/β' -amino acetophenone. <i>Tetrahedron</i> , 2002, 58, 9865-9870.	1.9	24
56	Modified Adenine (9-Benzyl-2-Butoxy-8-Hydroxyadenine) Redirects Th2-Mediated Murine Lung Inflammation by Triggering TLR7. <i>Journal of Immunology</i> , 2009, 182, 880-889.	0.8	24
57	Novel small molecules for the treatment of infections caused by <i>Candida albicans</i> : a patent review (2002 – 2010). <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 381-397.	5.0	24
58	Stereoselective Meisenheimer rearrangement using BTAA's as chiral auxiliaries. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4227-4238.	1.8	23
59	Effect of C-ring modifications in benzo[c]quinolizin-3-ones, new selective inhibitors of human 5α -reductase 1. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1385-1393.	3.0	22
60	Synthesis of benzo[c]quinolizin-3-ones: Selective non-steroidal inhibitors of steroid 5α -reductase 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 2871-2876.	2.2	21
61	Oligomers of Enantiopure Bicyclic β/β' -Amino Acids (BTAA). 1. Synthesis and Conformational Analysis of 3-Aza-6,8-dioxabicyclo[3.2.1]octane-7-carboxylic Acid Oligomers (PolyBTG). <i>Organic Letters</i> , 2000, 2, 3987-3990.	4.6	21
62	Synthesis of bicyclic molecular scaffolds (BTAA): An investigation towards new selective MMP-12 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7392-7403.	3.0	21
63	Nitrile oxides cycloadditions to cinnamaldehyde. Facile dehydrogenation of 4-formyl-5-dihydroisoxazoles. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1505-1507.	2.6	20
64	N-Bridgehead polycyclic compounds by sequential rearrangement-annulation of isoxazoline-5-spirocyclopropanes. 6. A general synthetic method for 5,6-dihydro-7(8H)- and 2,3,5,6-tetrahydro-7(1H)-indolizinones. <i>Journal of Organic Chemistry</i> , 1992, 57, 4206-4211.	3.2	20
65	Novel inhibitors of 5α -reductase. <i>Expert Opinion on Therapeutic Patents</i> , 2002, 12, 201-215.	5.0	20
66	Selectivity of <i>Daucus carota</i> roots and baker's yeast in the enantioselective reduction of β -nitroketones. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1479-1483.	1.8	20
67	Parallel Synthesis of an Amide Library Based on the 6,8-Dioxo-3-azabicyclo[3.2.1]octane Scaffold by Direct Aminolysis of Methyl Esters. <i>ACS Combinatorial Science</i> , 2007, 9, 454-461.	3.3	20
68	Evaluation of stereochemically dense morpholine-based scaffolds as proline surrogates in β -turn peptides. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 916-924.	2.8	20
69	New synthesis of azepin-4-ones by flash vacuum thermolysis of dihydro and tetrahydroisoxazole-5-spirocyclobutane derivatives. <i>Tetrahedron Letters</i> , 1986, 27, 5271-5274.	1.4	19
70	Enantioselective synthesis of indolizine derivatives by rearrangement-cyclization of isoxazoline-5-spirocyclopropanes. <i>Tetrahedron</i> , 1993, 49, 10629-10642.	1.9	19
71	Synthesis of 8-chloro-benzo[c]quinolizin-3-ones as potent and selective inhibitors of human steroid 5α -reductase 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 353-356.	2.2	19
72	N-Substituent effects on the diethylzinc addition to benzaldehyde catalysed by bicyclic 1,4-amino alcohols. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 340-350.	1.8	19

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73	5 β -Reductase Inhibitors, Chemical and Clinical Models. <i>Steroids</i> , 1998, 63, 355-361.	1.8	18
74	Introduction of the new dipeptide isostere 7-endo-BtA as reverse turn inducer in a Bowman-Birk proteinase inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1625-1632.	3.0	18
75	A new bicyclic proline-mimetic amino acid. <i>Tetrahedron Letters</i> , 2003, 44, 3489-3492.	1.4	18
76	Peptidomimetics as protein arginine deiminase 4 (PAD4) inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 466-471.	5.2	18
77	Behaviour of nitrile oxides towards nucleophiles. Part II. Substituent effect on the rate of dimerisation of aromatic nitrile oxides to 3,6-diaryl-1,4,2,5-dioxadiazines. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1976, , 626.	0.9	17
78	5 β -Reductase activity in <i>Lycopersicon esculentum</i> : Cloning and functional characterization of LeDET2 and evidence of the presence of two isoenzymes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 96, 287-299.	2.5	17
79	A Short and Convenient Synthesis of Enantiopure cis- and trans-4-Hydroxy-pipecolic Acid. <i>Synthesis</i> , 2009, 2009, 3611-3616.	2.3	17
80	Cyclopropane Pipecolic Acids as Templates for Linear and Cyclic Peptidomimetics: Application in the Synthesis of an Arg-Gly-Asp (RGD)-Containing Peptide as an α - β -Integrin Ligand. <i>3.3 Chemistry - A European Journal</i> , 2014, 20, 11187-11203.		17
81	Regioselectivity in the 1,3-dipolar cycloaddition of nitrile oxides to alkylidenecyclopropanes.. <i>Tetrahedron Letters</i> , 1987, 28, 3845-3848.	1.4	16
82	Synthesis of a new 1,4-aminoalcohol and its use as catalyst in the enantioselective addition of organozinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1409-1414.	1.8	16
83	Stereoselective Synthesis of (2 <i>S</i> ,4 <i>R</i>)-4-Hydroxy-pipecolic Acid. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 524-531.	2.4	16
84	Diastereoselective Synthesis of Highly Constrained Spiro- β -Lactams by the Staudinger Reaction Using an Unsymmetrical Bicyclic Ketene. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4594-4599.	2.4	15
85	Chemical genetics approach to identify new small molecule modulators of cell growth by phenotypic screening of <i>Saccharomyces cerevisiae</i> strains with a library of morpholine-derived compounds. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5552.	2.8	15
86	Synthesis and Rearrangement of Cycloadducts from Trimethylsilylcarbonitrile Oxide. <i>Heterocycles</i> , 1983, 20, 511.	0.7	15
87	Configurational driven folding of model tetrapeptides containing L- or D-morpholine- β -carboxylic acids as β -turn nucleators. <i>Chirality</i> , 2009, 21, 584-594.	2.6	14
88	Rearrangement of isoxazoline-5-spiro derivatives. Part 3. Indolizine, quinolizine and pyrido[1,2-a]azepine derivatives by sequential rearrangement-annulation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989, , 1253.	0.9	13
89	A Systems Biology Approach to Dissection of the Effects of Small Bicyclic Peptidomimetics on a Panel of <i>Saccharomyces cerevisiae</i> Mutants. <i>Journal of Biological Chemistry</i> , 2010, 285, 23477-23485.	3.4	13
90	Diastereodivergent Synthesis of 4-Hydroxy-2,3-methanopipecolic Acid Derivatives as Conformationally Constrained Homoserine Analogues. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6544-6552.	2.4	13

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91	One-pot sequential Ti-/Cu-catalysis for tandem amidation/Ullmann-type cyclization: synthesis of model benzodiazepine(di)ones promoted by microwave irradiation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2780.	2.8	13
92	A novel allergen-adjuvant conjugate suitable for specific immunotherapy of respiratory allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 84-92.e6.	2.9	13
93	A lactam-derived vinyl boronate as a stable and crystalline reagent for the synthesis of 2-substituted piperidines by Pd-catalyzed coupling reactions. <i>Tetrahedron Letters</i> , 2004, 45, 5271-5274.	1.4	12
94	Synthesis and Conformational Analysis of Constrained β -Turn Mimetics Incorporating a Bicyclic Turn Inducer by Use of the Petasis Three-Component Reaction on Solid Phase. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1659-1668.	2.4	12
95	Radiosynthesis and micro-SPECT analysis of triazole-based RGD integrin ligands as non-peptide molecular imaging probes for angiogenesis. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1112-1122.	3.0	12
96	Simple in situ preparation of fulmimic acid. <i>Tetrahedron Letters</i> , 1983, 24, 1815-1816.	1.4	11
97	Sequential rearrangement-annulation of isoxazoline-5-spirocyclopropanes. Total Synthesis of (Δ^5) β - ¹⁹ (11)-19-Nor-10-Aza-Testosterone.. <i>Tetrahedron Letters</i> , 1991, 32, 6395-6398.	1.4	11
98	A Short and Efficient Route to Enantiopure 3,5-Diarylpyrrolizidines. <i>Journal of Organic Chemistry</i> , 1999, 64, 1727-1732.	3.2	11
99	Synthesis and activity of 8-substituted benzo[c]quinolizin-3-ones as dual inhibitors of human 5 α -reductases 1 and 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 145-148.	2.2	11
100	Cyclic DGR-peptidomimetic containing a bicyclic reverse turn inducer as a selective β 5 integrin ligand. <i>Amino Acids</i> , 2010, 38, 329-337.	2.7	11
101	Bicyclic peptidomimetics targeting secreted aspartic protease 2 (SAP2) from <i>Candida albicans</i> reveal a constrained inhibitory chemotype. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7206-7213.	3.0	11
102	d-Proline-based peptidomimetic inhibitors of anthrax lethal factor. <i>European Journal of Medicinal Chemistry</i> , 2012, 56, 96-107.	5.5	11
103	Insight into the structural similarity between HIV protease and secreted aspartic protease-2 and binding mode analysis of HIV- <i>Candida albicans</i> inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 936-943.	5.2	11
104	Insight to the binding mode of triazole RGD-peptidomimetics to integrin-rich cancer cells by NMR and molecular modeling. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 989-994.	3.0	11
105	Behaviour of nitrile oxides towards nucleophiles. Part IV. Heteromacrocycles from acetonitrile oxide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1976, , 1827.	0.9	10
106	Reactions of organomercury fulminates with acetylene derivatives. <i>Journal of Organometallic Chemistry</i> , 1984, 269, 115-121.	1.8	10
107	Stereoselectivity in the TiCl ₄ -catalysed reaction of Danishefsky's diene with a N-(acyloxy)iminium ion: Synthesis of 5 β versus 5 α β -1(2)-19-Nor-10-azasteroids. 4. <i>Tetrahedron</i> , 1998, 54, 11589-11596.	1.9	10
108	Synthesis and preliminary biological characterization of a new potential ¹²⁵ I-Radioligand for dopamine and serotonin receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 3197-3206.	3.0	10

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109	Synthesis of 17 β -N-Substituted 19-Nor-10-azasteroids as Inhibitors of Human 5 α -Reductases I and II. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3455-3461.	3.0	10
110	Solvent-Dependent Conformational Behaviour of Model Tetrapeptides Containing a Bicyclic Proline Mimetic. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4621-4627.	2.4	10
111	Synthesis of a constrained tricyclic scaffold based on trans-4-hydroxy-L-proline. <i>Tetrahedron Letters</i> , 2005, 46, 7813-7816.	1.4	10
112	Synthesis of Glycidol- and Sugar-Derived Bicyclic β - and β - β -Amino Acids for Peptidomimetic Design. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4372-4381.	2.4	10
113	Identification of constrained peptidomimetic chemotypes as HIV protease inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 444-453.	5.5	10
114	Synthesis of enantiopure 2,7-diaryl-1,6-dioxaspiro[4.4]nonanes via enantioselective reduction of prochiral β -nitroketones by diisopinocampheylchloroborane (DIP-Cl \cdot , ϕ). <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1929-1942.	1.8	9
115	Multinuclear magnetic resonance study of organomercury fulminates. The structure of mercury fulminate in solution. <i>Magnetic Resonance in Chemistry</i> , 1984, 22, 372-375.	0.7	8
116	Condensation Product between (R,R)-Tartaric Acid and a L-Phenylalanine Derivative as a New Molecular Scaffold. <i>Archiv Der Pharmazie</i> , 1997, 330, 201-202.	4.1	8
117	Synthesis of new molecular scaffolds: 3-aza-7,9-dioxa-bicyclo[4.2.1]nonane (8-exo BTKa) and 3-aza-8,10-dioxa-bicyclo[5.2.1]decane (9-exo BTKa) carboxylic acids. <i>Tetrahedron</i> , 2004, 60, 2583-2591.	1.9	8
118	Synthesis and conformational studies of a hybrid β -alanine- ϵ -morpholine tetramer. <i>Tetrahedron</i> , 2012, 68, 9701-9705.	1.9	8
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