

Leonardo Manzoni

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

1,886

citations

30

h-index

39

g-index

78

ext. papers

2,023

ext. citations

3.9

avg, IF

4.06

L-index

#	Paper	IF	Citations
68	N-trichloroethoxycarbonyl-glucosamine derivatives as glycosyl donors. <i>Carbohydrate Research</i> , 1996 , 296, 135-47	2.9	138
67	Biological and molecular properties of a new alpha(v)beta3/alpha(v)beta5 integrin antagonist. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 1670-80	6.1	70
66	Cyclic RGD functionalized gold nanoparticles for tumor targeting. <i>Bioconjugate Chemistry</i> , 2011 , 22, 664-73	6.3	69
65	Novel SMAC-mimetics synergistically stimulate melanoma cell death in combination with TRAIL and Bortezomib. <i>British Journal of Cancer</i> , 2010 , 102, 1707-16	8.7	63
64	Targeting integrins: insights into structure and activity of cyclic RGD pentapeptide mimics containing azabicycloalkane amino acids. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 169-80	3.4	58
63	Designing Smac-mimetics as antagonists of XIAP, cIAP1, and cIAP2. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 378, 162-7	3.4	45
62	Conformationally constrained dipeptides: Synthesis of 7,5- and 6,5-fused bicyclic lactams by stereoselective radical cyclizations. <i>Tetrahedron Letters</i> , 1995 , 36, 625-628	2	43
61	Rapid synthesis of oligosaccharides using an anomeric fluorosilyl protecting group. <i>Chemical Communications</i> , 2003 , 2930-1	5.8	42
60	Regulation of HuR structure and function by dihydrotanshinone-I. <i>Nucleic Acids Research</i> , 2017 , 45, 9514-9527	9.5	41
59	Conformational Analysis of Azabicycloalkane Amino Acid Scaffolds as Reverse-Turn Inducer Dipeptide Mimics. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 2563-2569	3.2	41
58	Synthesis of Gd and (68)Ga complexes in conjugation with a conformationally optimized RGD sequence as potential MRI and PET tumor-imaging probes. <i>ChemMedChem</i> , 2012 , 7, 1084-93	3.7	40
57	Cyclic RGD-containing functionalized azabicycloalkane peptides as potent integrin antagonists for tumor targeting. <i>ChemMedChem</i> , 2009 , 4, 615-32	3.7	40
56	Froc: a new fluorosilyl protective group for peptide and oligosaccharide synthesis. <i>Organic Letters</i> , 2006 , 8, 955-7	6.2	39
55	Synthesis of new bicyclic lactam peptidomimetics by ring-closing metathesis reactions. <i>Tetrahedron</i> , 2003 , 59, 4501-4513	2.4	38
54	Stereoselective synthesis of conformationally constrained cyclohexanediols: a set of molecular scaffolds for the synthesis of glycomimetics. <i>Journal of Organic Chemistry</i> , 2001 , 66, 6209-16	4.2	38
53	Cyclic RGD-peptidomimetics containing bifunctional diketopiperazine scaffolds as new potent integrin ligands. <i>Chemistry - A European Journal</i> , 2009 , 15, 12184-8	4.8	37
52	Structural basis for bivalent Smac-mimetics recognition in the IAP protein family. <i>Journal of Molecular Biology</i> , 2009 , 392, 630-44	6.5	36

51	Targeting the X-linked inhibitor of apoptosis protein through 4-substituted azabicyclo[5.3.0]alkane smac mimetics. Structure, activity, and recognition principles. <i>Journal of Molecular Biology</i> , 2008 , 384, 673-89	6.5	36
50	Functionalized azabicycloalkane amino acids by nitrene 1,3-dipolar intramolecular cycloaddition. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4124-32	4.2	36
49	Potent Integrin Antagonists from a Small Library of RGD-Including Cyclic Pseudopeptides. <i>Organic Letters</i> , 2001 , 3, 1001-1004	6.2	36
48	MicroPET/CT imaging of $\alpha_5\beta_1$ Integrin via a novel ^{68}Ga -NOTA-RGD peptidomimetic conjugate in rat myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013 , 40, 1265-74	8.8	35
47	Design, synthesis, and biological evaluation of novel cRGD-paclitaxel conjugates for integrin-assisted drug delivery. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1610-22	6.3	34
46	Rational design, synthesis and characterization of potent, non-peptidic Smac mimics/XIAP inhibitors as proapoptotic agents for cancer therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5834-34	3.4	33
45	A Practical Way to 2,5-Disubstituted Pyrrolidine Derivatives. <i>Synlett</i> , 1996 , 1996, 441-443	2.2	33
44	Synthesis of N-acetylglucosamine containing Lewis A and Lewis X building blocks based on N-tetrachlorophthaloyl protection--synthesis of Lewis X pentasaccharide. <i>Carbohydrate Research</i> , 1998 , 310, 157-71	2.9	33
43	A new optical imaging probe targeting $\alpha_5\beta_1$ integrin in glioblastoma xenografts. <i>Contrast Media and Molecular Imaging</i> , 2011 , 6, 449-58	3.2	32
42	Synthesis of the Lewis a trisaccharide based on an anomeric silyl fluoros tag. <i>Organic Letters</i> , 2004 , 6, 4195-8	6.2	32
41	Mimics of ganglioside GM1 as cholera toxin ligands: replacement of the GalNAc residue. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 785-92	3.9	30
40	Practical stereoselective synthesis of conformationally constrained unnatural proline-based amino acids and peptidomimetics. <i>Tetrahedron</i> , 2001 , 57, 6463-6473	2.4	30
39	Integrin-Targeted Peptide- and Peptidomimetic-Drug Conjugates for the Treatment of Tumors. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017 , 12, 148-168	2.6	30
38	Novel second mitochondria-derived activator of caspases (Smac) mimetic compounds sensitize human leukemic cell lines to conventional chemotherapeutic drug-induced and death receptor-mediated apoptosis. <i>Investigational New Drugs</i> , 2011 , 29, 1264-75	4.3	28
37	Dimeric Smac mimetics/IAP inhibitors as in vivo-active pro-apoptotic agents. Part II: Structural and biological characterization. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6709-23	3.4	26
36	Interfering with HuR-RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1483-1498	8.3	24
35	Functionalized cyclic RGD peptidomimetics: conjugable ligands for $\alpha_5\beta_1$ receptor imaging. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1611-7	6.3	24
34	Synthesis of Lewis a and Lewis X Pentasaccharides Based on N-Trichloroethoxycarbonyl Protection 1. <i>Journal of Carbohydrate Chemistry</i> , 1998 , 17, 739-758	1.7	24

33	Synthesis of 7,5-fused bicyclic lactams by stereoselective radical cyclization. <i>Tetrahedron Letters</i> , 1994 , 35, 4031-4034	2	24
32	A potent integrin antagonist from a small library of cyclic RGD pentapeptide mimics including benzyl-substituted azabicycloalkane amino acids. <i>ChemMedChem</i> , 2008 , 3, 1589-603	3-7	23
31	The first example of ring-closing olefin metathesis of dehydroamino acids: an application to the synthesis of azabicyclo[X.Y.0]alkanes. <i>Tetrahedron Letters</i> , 2004 , 45, 2623-2625	2	23
30	Synthesis of Azabicycloalkane Amino Acid Scaffolds as Reverse-Turn Inducer Dipeptide Mimics. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 2571-2581	3-2	23
29	The first asymmetric synthesis of enantiopure .alpha.-sulfenyl dithioacetals and .alpha.-sulfenyl aldehydes. <i>Journal of Organic Chemistry</i> , 1993 , 58, 3165-3168	4-2	23
28	Diastereoselective addition of metal-coordinated and naked tri-sec-butylborohydrides to a norephedrine-derived 2-acetyloxazolidine. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 1027-1029		22
27	Enhancement of the uptake and cytotoxic activity of doxorubicin in cancer cells by novel cRGD-semipeptide-anchoring liposomes. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2280-93	5-6	20
26	Click chemistry to functionalise peptidomimetics. <i>Tetrahedron Letters</i> , 2006 , 47, 3697-3700	2	20
25	Design, synthesis and biological evaluation of novel dimeric and tetrameric cRGD-paclitaxel conjugates for integrin-assisted drug delivery. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7530-41	3-9	19
24	Homo- and heterodimeric Smac mimetics/IAP inhibitors as in vivo-active pro-apoptotic agents. Part I: Synthesis. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 6687-708	3-4	18
23	Synthesis of substituted conformationally constrained 6,5- and 7,5-fused bicyclic lactams as dipeptide mimics. <i>Tetrahedron</i> , 2003 , 59, 6241-6250	2-4	18
22	Synthesis of some oligopyridinegalactose conjugates and their metal complexes: a simple entry to multivalent sugar ligands. <i>Tetrahedron</i> , 2005 , 61, 10048-10060	2-4	18
21	Synthesis and biological evaluation of dual action cyclo-RGD/SMAC mimetic conjugates targeting $\alpha_5\beta_1/\alpha_5\beta_3$ integrins and IAP proteins. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3288-302	3-9	17
20	Cyclic RGD Peptides Containing Azabicycloalkane Reverse-Turn Mimics. <i>Helvetica Chimica Acta</i> , 2002 , 85, 4353-4368	2	17
19	Synthesis of spiroazabicycloalkane amino acid scaffolds as reverse-turn inducer dipeptide mimics. <i>Tetrahedron</i> , 2001 , 57, 249-255	2-4	17
18	4-Aminoproline-based arginine-glycine-aspartate integrin binders with exposed ligation points: practical in-solution synthesis, conjugation and binding affinity evaluation. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4924-35	3-9	16
17	Solid-Phase Synthesis of Peptides Containing Reverse-Turn Mimetic Bicyclic Lactams 1999 , 1999, 379-388		16
16	Investigating the Interaction of Cyclic RGD Peptidomimetics with Integrin by Biochemical and Molecular Docking Studies. <i>Cancers</i> , 2017 , 9,	6-6	13

15	Computational design of novel peptidomimetic inhibitors of cadherin homophilic interactions. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2570-3	3.9	12
14	Iron Oxide-Gold Core-Shell Nanoparticles as Multimodal Imaging Contrast Agent. <i>IEEE Sensors Journal</i> , 2013 , 13, 2341-2347	4	12
13	Diastereoselective addition of metal-coordinated and naked nucleophilic reagents to norephedrine derived 2-acyl-N-tosyl-oxazolidines. <i>Tetrahedron</i> , 1997 , 53, 1759-1776	2.4	11
12	Stereoselective synthesis of 6,5-bicyclic reverse-turn peptidomimetics. <i>Tetrahedron</i> , 1998 , 54, 5325-5336	2.4	11
11	Synthesis of a Pseudo Tetrasaccharide Mimic of Ganglioside GM1. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 1311-1317	3.2	11
10	Nonpeptide Integrin Antagonists: RGD Mimetics Incorporating Substituted Azabicycloalkanes as Amino Acid Replacements. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1309-1317	3.2	9
9	Diastereoselective Addition of Organometallic Reagents to Nor-Ephedrine-Derived 2-Acyl-N-Tosyl-Oxazolidines. <i>Synlett</i> , 1995 , 1995, 71-73	2.2	9
8	Stereoselective synthesis of C ₂ -tetrasubstituted azabicyclo[X.3.0]alkane amino acids. <i>Tetrahedron Letters</i> , 2004 , 45, 6311-6315	2	7
7	Synthesis of Functionalized Azabicycloalkane Amino Acids as Dipeptide Mimics. <i>Synthesis</i> , 2006 , 2006, 1133-1140	2.9	5
6	Dual action Smac mimetics-zinc chelators as pro-apoptotic antitumoral agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4613-4619	2.9	5
5	New potent $\alpha_5\beta_1$ integrin ligands based on azabicycloalkane (β -dipeptide mimics. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3221-33	3.9	4
4	Design, Synthesis, Conformational Analysis and Application of Azabicycloalkane Amino Acids as Constrained Dipeptide Mimics. <i>Synlett</i> , 2004 , 2004, 1449-1471	2.2	4
3	4-Connected azabicyclo[5.3.0]decane Smac mimetics-Zn chelators as dual action antitumoral agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2336-2344	2.9	2
2	Asymmetric Synthesis of Enantiopure β -Sulphenyl Dithioacetals and β -Sulphenyl Aldehydes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 74, 381-382	1	2
1	Molecular Targeting of Imaging and Drug Delivery Probes in Atherosclerosis. <i>Annual Reports in Medicinal Chemistry</i> , 2013 , 48, 105-118	1.6	1