Leonardo Manzoni

List of Publications by Year in Descending Order

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	Interfering with HuR-RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors. *Journal of Medicinal Chemistry*, **2018**, 61, 1483-1498	8.3	24
67	4-Connected azabicyclo[5.3.0]decane Smac mimetics-Zn chelators as dual action antitumoral agents. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2336-2344	2.9	2
66	Regulation of HuR structure and function by dihydrotanshinone-I. *Nucleic Acids Research*, **2017**, 45, 9514-9527	11.5	41
65	Investigating the Interaction of Cyclic RGD Peptidomimetics with Integrin by Biochemical and Molecular Docking Studies. *Cancers*, **2017**, 9,	6.6	13
64	Integrin-Targeted Peptide- and Peptidomimetic-Drug Conjugates for the Treatment of Tumors. *Recent Patents on Anti-Cancer Drug Discovery*, **2017**, 12, 148-168	2.6	30
63	New potent integrin ligands based on azabicycloalkane (-dipeptide mimics. *Organic and Biomolecular Chemistry*, **2016**, 14, 3221-33	3.9	4
62	Dual action Smac mimetics-zinc chelators as pro-apoptotic antitumoral agents. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4613-4619	2.9	5
61	Computational design of novel peptidomimetic inhibitors of cadherin homophilic interactions. *Organic and Biomolecular Chemistry*, **2015**, 13, 2570-3	3.9	12
60	Design, synthesis and biological evaluation of novel dimeric and tetrameric cRGD-paclitaxel conjugates for integrin-assisted drug delivery. *Organic and Biomolecular Chemistry*, **2015**, 13, 7530-41	3.9	19
59	Synthesis and biological evaluation of dual action cyclo-RGD/SMAC mimetic conjugates targeting v)(3)/(v)(5) integrins and IAP proteins. *Organic and Biomolecular Chemistry*, **2014**, 12, 3288-302	3.9	17
58	Enhancement of the uptake and cytotoxic activity of doxorubicin in cancer cells by novel cRGD-semipeptide-anchoring liposomes. *Molecular Pharmaceutics*, **2014**, 11, 2280-93	5.6	20
57	Molecular Targeting of Imaging and Drug Delivery Probes in Atherosclerosis. *Annual Reports in Medicinal Chemistry*, **2013**, 48, 105-118	1.6	1
56	Iron Oxide-Gold Core-Shell Nanoparticles as Multimodal Imaging Contrast Agent. *IEEE Sensors Journal*, **2013**, 13, 2341-2347	4	12
55	MicroPET/CT imaging of integrin via a novel a-NOTA-RGD peptidomimetic conjugate in rat myocardial infarction. *European Journal of Nuclear Medicine and Molecular Imaging*, **2013**, 40, 1265-74	8.8	35
54	Design, synthesis, and biological evaluation of novel cRGD-paclitaxel conjugates for integrin-assisted drug delivery. *Bioconjugate Chemistry*, **2012**, 23, 1610-22	6.3	34
53	Homo- and heterodimeric Smac mimetics/IAP inhibitors as in vivo-active pro-apoptotic agents. Part I: Synthesis. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 6687-708	3.4	18
52	Dimeric Smac mimetics/IAP inhibitors as in vivo-active pro-apoptotic agents. Part II: Structural and biological characterization. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 6709-23	3.4	26

51	Synthesis of Gd and (68)Ga complexes in conjugation with a conformationally optimized RGD sequence as potential MRI and PET tumor-imaging probes. *ChemMedChem*, **2012**, 7, 1084-93	3.7	40
50	Cyclic RGD functionalized gold nanoparticles for tumor targeting. *Bioconjugate Chemistry*, **2011**, 22, 664-73	6.2	69
49	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. *Investigational New Drugs*, **2011**, 29, 1264-75	4.3	28
48	A new optical imaging probe targeting $\alpha_v\beta_3$ integrin in glioblastoma xenografts. *Contrast Media and Molecular Imaging*, **2011**, 6, 449-58	3.2	32
47	Novel SMAC-mimetics synergistically stimulate melanoma cell death in combination with TRAIL and Bortezomib. *British Journal of Cancer*, **2010**, 102, 1707-16	8.7	63
46	Cyclic RGD-peptidomimetics containing bifunctional diketopiperazine scaffolds as new potent integrin ligands. *Chemistry - A European Journal*, **2009**, 15, 12184-8	4.8	37
45	Cyclic RGD-containing functionalized azabicycloalkane peptides as potent integrin antagonists for tumor targeting. *ChemMedChem*, **2009**, 4, 615-32	3.7	40
44	Rational design, synthesis and characterization of potent, non-peptidic Smac mimics/XIAP inhibitors as proapoptotic agents for cancer therapy. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 5834-56	3.4	33
43	Designing Smac-mimetics as antagonists of XIAP, cIAP1, and cIAP2. *Biochemical and Biophysical Research Communications*, **2009**, 378, 162-7	3.4	45
42	Structural basis for bivalent Smac-mimetics recognition in the IAP protein family. *Journal of Molecular Biology*, **2009**, 392, 630-44	6.5	36
41	Functionalized cyclic RGD peptidomimetics: conjugable ligands for $\alpha_v\beta_3$ receptor imaging. *Bioconjugate Chemistry*, **2009**, 20, 1611-7	6.3	24
40	4-Aminoproline-based arginine-glycine-aspartate integrin binders with exposed ligation points: practical in-solution synthesis, conjugation and binding affinity evaluation. *Organic and Biomolecular Chemistry*, **2009**, 7, 4924-35	3.9	16
39	Targeting the X-linked inhibitor of apoptosis protein through 4-substituted azabicyclo[5.3.0]alkane smac mimetics. Structure, activity, and recognition principles. *Journal of Molecular Biology*, **2008**, 384, 673-89	6.5	36
38	A potent integrin antagonist from a small library of cyclic RGD pentapeptide mimics including benzyl-substituted azabicycloalkane amino acids. *ChemMedChem*, **2008**, 3, 1589-603	3.7	23
37	Nonpeptide Integrin Antagonists: RGD Mimetics Incorporating Substituted Azabicycloalkanes as Amino Acid Replacements. *European Journal of Organic Chemistry*, **2007**, 2007, 1309-1317	3.2	9
36	Synthesis of Functionalized Azabicycloalkane Amino Acids as Dipeptide Mimics. *Synthesis*, **2006**, 2006, 1133-1140	2.9	5
35	Froc: a new fluorous protective group for peptide and oligosaccharide synthesis. *Organic Letters*, **2006**, 8, 955-7	6.2	39
34	Targeting integrins: insights into structure and activity of cyclic RGD pentapeptide mimics containing azabicycloalkane amino acids. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 169-80	3.4	58

33	Click chemistry to functionalise peptidomimetics. *Tetrahedron Letters*, **2006**, 47, 3697-3700	2	20
32	Biological and molecular properties of a new alpha(v)beta3/alpha(v)beta5 integrin antagonist. *Molecular Cancer Therapeutics*, **2005**, 4, 1670-80	6.1	70
31	Functionalized azabicycloalkane amino acids by nitrone 1,3-dipolar intramolecular cycloaddition. *Journal of Organic Chemistry*, **2005**, 70, 4124-32	4.2	36
30	Synthesis of some oligopyridine–galactose conjugates and their metal complexes: a simple entry to multivalent sugar ligands. *Tetrahedron*, **2005**, 61, 10048-10060	2.4	18
29	Design, Synthesis, Conformational Analysis and Application of Azabicyclo-alkane Amino Acids as Constrained Dipeptide Mimics. *Synlett*, **2004**, 2004, 1449-1471	2.2	4
28	The first example of ring-closing olefin metathesis of dehydroamino acids: an application to the synthesis of azabicyclo[X.Y.0]alkanes. *Tetrahedron Letters*, **2004**, 45, 2623-2625	2	23
27	Stereoselective synthesis of C-tetrasubstituted azabicyclo[X.3.0]alkane amino acids. *Tetrahedron Letters*, **2004**, 45, 6311-6315	2	7
26	Synthesis of the Lewis a trisaccharide based on an anomeric silyl fluorous tag. *Organic Letters*, **2004**, 6, 4195-8	6.2	32
25	Synthesis of new bicyclic lactam peptidomimetics by ring-closing metathesis reactions. *Tetrahedron*, **2003**, 59, 4501-4513	2.4	38
24	Synthesis of substituted conformationally constrained 6,5- and 7,5-fused bicyclic lactams as dipeptide mimics. *Tetrahedron*, **2003**, 59, 6241-6250	2.4	18
23	Rapid synthesis of oligosaccharides using an anomeric fluorous silyl protecting group. *Chemical Communications*, **2003**, 2930-1	5.8	42
22	Mimics of ganglioside GM1 as cholera toxin ligands: replacement of the GalNAc residue. *Organic and Biomolecular Chemistry*, **2003**, 1, 785-92	3.9	30
21	Cyclic RGD Peptides Containing Azabicycloalkane Reverse-Turn Mimics. *Helvetica Chimica Acta*, **2002**, 85, 4353-4368	2	17
20	Synthesis of spiroazabicycloalkane amino acid scaffolds as reverse-turn inducer dipeptide mimics. *Tetrahedron*, **2001**, 57, 249-255	2.4	17
19	Practical stereoselective synthesis of conformationally constrained unnatural proline-based amino acids and peptidomimetics. *Tetrahedron*, **2001**, 57, 6463-6473	2.4	30
18	Potent Integrin Antagonists from a Small Library of RGD-Including Cyclic Pseudopeptides. *Organic Letters*, **2001**, 3, 1001-1004	6.2	36
17	Stereoselective synthesis of conformationally constrained cyclohexanediols: a set of molecular scaffolds for the synthesis of glycomimetics. *Journal of Organic Chemistry*, **2001**, 66, 6209-16	4.2	38
16	Conformational Analysis of Azabicycloalkane Amino Acid Scaffolds as Reverse-Turn Inducer Dipeptide Mimics. *European Journal of Organic Chemistry*, **2000**, 2000, 2563-2569	3.2	41

15	Synthesis of Azabicycloalkane Amino Acid Scaffolds as Reverse-Turn Inducer Dipeptide Mimics. *European Journal of Organic Chemistry*, **2000**, 2000, 2571-2581	3.2	23
14	Solid-Phase Synthesis of Peptides Containing Reverse-Turn Mimetic Bicyclic Lactams **1999**, 1999, 379-388		16
13	Synthesis of a Pseudo Tetrasaccharide Mimic of Ganglioside GM1. *European Journal of Organic Chemistry*, **1999**, 1999, 1311-1317	3.2	11
12	Synthesis of N-acetylglucosamine containing Lewis A and Lewis X building blocks based on N-tetrachlorophthaloyl protection--synthesis of Lewis X pentasaccharide. *Carbohydrate Research*, **1998**, 310, 157-71	2.9	33
11	Stereoselective synthesis of 6,5-bicyclic reverse-turn peptidomimetics. *Tetrahedron*, **1998**, 54, 5325-5336	2.4	11
10	Synthesis of Lewis a and Lewis X Pentasaccharides Based on N-Trichloroethoxycarbonyl Protection 1. *Journal of Carbohydrate Chemistry*, **1998**, 17, 739-758	1.7	24
9	Diastereoselective addition of metal-coordinated and □aked□ nucleophilic reagents to norephedrine derived 2-acyl-N-tosyl-oxazolidines. *Tetrahedron*, **1997**, 53, 1759-1776	2.4	11
8	A Practical Way to 2,5-Disubstituted Pyrrolidine Derivatives. *Synlett*, **1996**, 1996, 441-443	2.2	33
7	N-trichloroethoxycarbonyl-glucosamine derivatives as glycosyl donors. *Carbohydrate Research*, **1996**, 296, 135-47	2.9	138
6	Conformationally constrained dipeptides: Synthesis of 7,5- and 6,5-fused bicyclic lactams by stereoselective radical cyclizations. *Tetrahedron Letters*, **1995**, 36, 625-628	2	43
5	Diastereoselective Addition of Organometallic Reagents to Nor-Ephedrine-Derived 2-Acyl-N-Tosyl-Oxazolidines. *Synlett*, **1995**, 1995, 71-73	2.2	9
4	Synthesis of 7,5-fused bicyclic lactams by stereoselective radical cyclization. *Tetrahedron Letters*, **1994**, 35, 4031-4034	2	24
3	The first asymmetric synthesis of enantiopure .alpha.-sulfenyl dithioacetals and .alpha.-sulfenyl aldehydes. *Journal of Organic Chemistry*, **1993**, 58, 3165-3168	4.2	23
2	Asymmetric Synthesis of Enantiopure □Sulfenyl Dithioacetals and □Sulfenyl Aldehydes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1993**, 74, 381-382	1	2
1	Diastereoselective addition of metal-coordinated and □aked□ tri-sec-butylborohydrides to a norephedrine-derived 2-acetyloxazolidine. *Journal of the Chemical Society Chemical Communications*, **1992**, 1027-1029		22