Jozef Gonda

List of Publications by Year in descending order

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65 papers	742 citations	567281 15 h-index	642732 23 g-index
75 all docs	75 docs citations	75 times ranked	485 citing authors

#	Article	IF	Citations
1	The BelluÅ¡â€“Claisen Rearrangement. Angewandte Chemie - International Edition, 2004, 43, 3516-3524.	13.8	46
2	1,2-Asymmetric Induction in the Ketene Claisen Rearrangement of Allyl Sulfides. Angewandte Chemie International Edition in English, 1991, 30, 1465-1467.	4.4	33
3	Creation of quarternary stereocentres via [3,3]-sigmatropic rearrangement of allylic thiocyanates. A synthetic approach to (+)-myriocin. Tetrahedron: Asymmetry, 2006, 17, 1875-1882.	1.8	33
4	Microwave accelerated aza-Claisen rearrangements. Tetrahedron Letters, 2007, 48, 6912-6915.	1.4	32
5	Investigation of the Chemo- and Stereoselectivity of the Ketene-Claisen Rearrangement. Helvetica Chimica Acta, 1997, 80, 876-891.	1.6	30
6	Total synthesis of a protected form of sphingofungin E using the [3,3]-sigmatropic rearrangement of an allylic thiocyanate as the key reaction. Carbohydrate Research, 2010, 345, 2427-2437.	2.3	25
7	Total synthesis of (â^')-jaspine B and its 4-epi-analogue from d-xylose. Tetrahedron: Asymmetry, 2014, 25, 750-766.	1.8	25
8	Stereocontrolled introduction of an amino group at C-6 of d-galactose via (3,3)-sigmatropic rearrangementsâ€"novel synthesis of lincosamine and 7-epi-lincosamine precursors. Tetrahedron Letters, 2000, 41, 525-529.	1.4	24
9	Novel Furanoid Î±-Substitued Î±-Amino Acid as a Potent Turn Mimic in Peptide Synthesis. Molecules, 2006, 11, 564-573.	3.8	23
10	A common approach to the total synthesis of l-arabino-, l-ribo-C18-phytosphingosines, ent-2-epi-jaspine B and 3-epi-jaspine B from d-mannose. Tetrahedron, 2013, 69, 8228-8244.	1.9	23
11	Asymmetric induction in a new domino reaction of [3,3]-sigmatropic rearrangement of allylic thiocyanates and intramolecular heterocyclisation. Tetrahedron, 2002, 58, 1611-1616.	1.9	22
12	Stereocontrol by intrinsic antiparallel double repulsion on diacetone-D-glucose template. Diastereoselective synthesis of 3(S)-isothiocyanato-3-deoxy-3-C-vinyl glucose via (3,3)-sigmatropic rearrangement of allylic thiocyanates. Tetrahedron Letters, 1997, 38, 5569-5572.	1.4	20
13	Total synthesis of pachastrissamine together with its 4-epi-congener via [3,3]-sigmatropic rearrangements and antiproliferative/cytotoxic evaluation. Carbohydrate Research, 2015, 402, 6-24.	2.3	19
14	New synthesis of 2-amino-4-oxopyrido[3,2-e]-1,3-thiazines and 1-alkyl(aryl)pyrido[3,2-e]-2-thiouracils. Collection of Czechoslovak Chemical Communications, 1983, 48, 3315-3328.	1.0	17
15	Total synthesis and the anticancer activity of (+)-spisulosine. Carbohydrate Research, 2016, 435, 26-36.	2.3	17
16	1,2-Asymmetric induction in a new tandem of (3,3)-sigmatropic rearrangement of allylic thiocyanates and intramolecular amine addition to Nî—»Cî—»S group. Tetrahedron Letters, 1997, 38, 875-878.	1.4	15
17	A facile synthesis of d-ribo-C20-phytosphingosine and its C2 epimer from d-ribose. Carbohydrate Research, 2011, 346, 1728-1738.	2.3	15
18	The convergent total synthesis of cytotoxic homospisulosine and its 3-epi-analogue. Tetrahedron: Asymmetry, 2015, 26, 1394-1407.	1.8	15

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19	1,2-Asymmetric induction in the ketene Claisen rearrangement of (2S,3E)-5-(isopropylsulfanyl)-3-pentenes. Tetrahedron, 2001, 57, 5607-5613.	1.9	14
20	Stereoselective synthesis of the 5â€²-aminofuranoside part of polyoxins via (3,3)-sigmatropic rearrangement of allylic thiocyanates. Tetrahedron Letters, 2001, 42, 4401-4404.	1.4	14
21	Stereoselective synthesis of both enantiomers of Î±-(hydroxymethyl)glutamic acid. Tetrahedron: Asymmetry, 2008, 19, 1879-1885.	1.8	14
22	Marine cytotoxic jaspine B and its stereoisomers: biological activity and syntheses. Carbohydrate Research, 2016, 423, 1-42.	2.3	14
23	Microwave Accelerated Aza-Claisen Rearrangement. Molecules, 2008, 13, 2837-2847.	3.8	13
24	Total synthesis of N,O,O,O-tetraacetyl-d-ribo-phytosphingosine and its 2-epi-congener. Chemical Papers, 2013, 67, .	2.2	13
25	Simple marine 1-deoxysphingoid bases: biological activity and syntheses. Tetrahedron: Asymmetry, 2016, 27, 1187-1212.	1.8	13
26	The convergent synthesis and anticancer activity of broussonetinines related analogues. Carbohydrate Research, 2017, 451, 59-71.	2.3	12
27	Stereoselective synthesis and anticancer activity of broussonetine analogues. Tetrahedron: Asymmetry, 2017, 28, 1175-1182.	1.8	12
28	1,2â€Asymmetrische Induktion bei der Ketenâ€Claisenâ€Umlagerung von Allylsulfiden. Angewandte Chemie, 1991, 103, 1533-1534.	2.0	11
29	An efficient synthesis of the polar part of sulfamisterin and its analogs. Carbohydrate Research, 2012, 352, 23-36.	2.3	11
30	A stereoselective total synthesis of the HCl salts of mycestericins F, G and ent-F. Tetrahedron: Asymmetry, 2013, 24, 121-133.	1.8	11
31	Total synthesis and antiproliferative/cytotoxic profiling of 2-epi-jaspine B. Carbohydrate Research, 2016, 423, 70-81.	2.3	10
32	A stereoselective synthesis of an Î±-substituted Î±-amino acid as a substructure for the construction of myriocin. Tetrahedron: Asymmetry, 2012, 23, 536-546.	1.8	9
33	Synthesis of the cytotoxic phytosphingosines and their isomeric analogues. Carbohydrate Research, 2018, 468, 1-12.	2.3	9
34	Novel carbohydrate-based thioureas as organocatalysts for asymmetric michael addition of 1,3-dicarbonyl compounds to nitroolefins. Tetrahedron, 2020, 76, 131339.	1.9	9
35	A stereoselective approach towards a small library of cytotoxic isomeric sphingoid bases. Carbohydrate Research, 2018, 468, 51-63.	2.3	8
36	Stereoselective synthesis and antiproliferative activity of the isomeric sphinganine analogues. Carbohydrate Research, 2019, 472, 76-85.	2.3	8

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37	A short stereoselective synthesis of the protected uracil 3â€²-epi-polyoxin C. Tetrahedron: Asymmetry, 2011, 22, 207-214.	1.8	7
38	A convenient approach to an advanced intermediate for (+)-lactacystin synthesis. Tetrahedron Letters, 2013, 54, 6768-6771.	1.4	7
39	Stereoselective synthesis of a novel branched-chain (1S,2R,6R,7S)-7a-(hydroxymethyl)-1,2,6,7-tetrahydroxypyrrolizidine. Tetrahedron Letters, 2016, 57, 2895-2897.	1.4	7
40	Synthesis and biological activity of sphingosines with integrated azobenzene switches. Organic and Biomolecular Chemistry, 2019, 17, 3361-3373.	2.8	7
41	The efficient preparation of Î±-substituted serine scaffolds as the chiral building blocks for the synthesis of SPT inhibitors. Tetrahedron, 2007, 63, 10603-10607.	1.9	6
42	Total Synthesis and Bioactivity of ent-homospisulosine and N,O-diacetylhomoclavaminol A. Current Organic Chemistry, 2017, 21, 463-473.	1.6	6
43	Synthesis and biological activity of diastereoisomeric octahydro-1H-indole-5,6,7-triols, analogues of castanospermine. Tetrahedron, 2019, 75, 398-408.	1.9	5
44	A Review of the Total Synthesis of (+)-Lactacystin and its Analogs. Current Organic Chemistry, 2015, 19, 1980-2001.	1.6	5
45	Stereoselective synthesis of the polar part of mycestericins E and G. Chemical Papers, 2011, 65, .	2.2	4
46	Contribution to the synthesis of polyhydroxylated indolizidines starting from sugar isothiocyanates. Tetrahedron: Asymmetry, 2016, 27, 346-351.	1.8	4
47	The oxazolomycin family: a review of current knowledge. RSC Advances, 2020, 10, 40745-40794.	3.6	4
48	Synthesis and inÂvitro cytotoxic evaluation of spiro-Î²-lactone-Î³-lactam scaffolds. Tetrahedron, 2020, 76, 131144.	1.9	4
49	A Novel Synthetic Approach to C-Glycosyl-D- and L-Alanines. Molecules, 2008, 13, 3171-3183.	3.8	3
50	Synthese und Eigenschaften von Isothiocyanatâ€•und Isocyanatderivaten des 1,2,3â€Triphenylâ€cyclopropens. Zeitschrift FÃ¼r Chemie, 1983, 23, 18-18.	0.0	3
51	A diastereoselective Câ€“C bond formation at C-5 of d-gulose. A convenient approach to (5S)-5-C-alkyl-Î²-l-lyxo-hexofuranoses. Tetrahedron: Asymmetry, 2013, 24, 1514-1519.	1.8	3
52	Convenient approach to an advanced intermediate for salinosporamide A synthesis. Tetrahedron: Asymmetry, 2016, 27, 369-376.	1.8	3
53	A Lemieuxâ€“Johnson oxidation of shikimic acid derivatives: facile entry to small library of protected (2S,3S,4R)-2,3,4,7-tetrahydroxy-6-oxoheptanals. Chemical Papers, 2017, 71, 709-719.	2.2	3
54	Synthetic analogues of marine cytotoxic jaspine B and its stereoisomers. Carbohydrate Research, 2019, 482, 107737.	2.3	3

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55	A New Stereocontrolled Approach to a Key Intermediate in the Synthesis of (2S,3R)-Capreomycidine. Collection of Czechoslovak Chemical Communications, 2006, 71, 1199-1210.	1.0	2
56	Stereoselective total synthesis of protected sulfamisterin and its analogues. Chemical Papers, 2013, 67, .	2.2	2
57	Thermoanalytical study of cyclocondensation of some derivatives of nitrosouracil. Thermochimica Acta, 1997, 297, 63-69.	2.7	1
58	A short synthesis of protected 3-deoxy-d-arabino-2-heptulosonates (DAH) from shikimic acid based on silyl group migration. Tetrahedron Letters, 2018, 59, 4620-4621.	1.4	1
59	Synthesis and inÂvitro biological evaluation of 3-amino-3-deoxydihydrosphingosines and their analogues. Tetrahedron, 2020, 76, 130803.	1.9	1
60	Synthesis and anticancer profile of novel sphingoid base-like compounds with a quaternary stereocentre. Carbohydrate Research, 2020, 487, 107862.	2.3	1
61	Synthesis and mannosidase inhibitory profile of a small library of aminocyclitols from shikimic acid-derived scaffolds. Carbohydrate Research, 2020, 493, 108027.	2.3	1
62	The Bellusâ€"Claisen Rearrangement. ChemInform, 2004, 35, no.	0.0	0
63	Synthesis of new 5-bromo derivatives of indole and spiroindole phytoalexins. Chemical Papers, 2015, .	2.2	0
64	A stereoselective approach in preparation of Î³-lactam precursors for oxazolomycinâ€™s synthesis. Tetrahedron, 2020, 76, 131111.	1.9	0
65	A convenient synthesis of branched-chain nucleoside isothiocyanates via aza-Claisen rearrangement. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 943-967.	1.1	0