

Jozef Gonda

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A convenient synthesis of branched-chain nucleoside isothiocyanates <i>via</i> aza-Claisen rearrangement. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 943-967. | 1.1 | 0 |
| 2 | Synthesis and <i>in vitro</i> biological evaluation of 3-amino-3-deoxydihydrosphingosines and their analogues. <i>Tetrahedron</i> , 2020, 76, 130803. | 1.9 | 1 |
| 3 | Synthesis and anticancer profile of novel sphingoid base-like compounds with a quaternary stereocentre. <i>Carbohydrate Research</i> , 2020, 487, 107862. | 2.3 | 1 |
| 4 | The oxazolomycin family: a review of current knowledge. <i>RSC Advances</i> , 2020, 10, 40745-40794. | 3.6 | 4 |
| 5 | Novel carbohydrate-based thioureas as organocatalysts for asymmetric michael addition of 1,3-dicarbonyl compounds to nitroolefins. <i>Tetrahedron</i> , 2020, 76, 131339. | 1.9 | 9 |
| 6 | Synthesis and <i>in vitro</i> cytotoxic evaluation of spiro- β -lactone- β -lactam scaffolds. <i>Tetrahedron</i> , 2020, 76, 131144. | 1.9 | 4 |
| 7 | A stereoselective approach in preparation of β -lactam precursors for oxazolomycin TM s synthesis. <i>Tetrahedron</i> , 2020, 76, 131111. | 1.9 | 0 |
| 8 | Synthesis and mannosidase inhibitory profile of a small library of aminocyclitols from shikimic acid-derived scaffolds. <i>Carbohydrate Research</i> , 2020, 493, 108027. | 2.3 | 1 |
| 9 | Synthetic analogues of marine cytotoxic jaspine B and its stereoisomers. <i>Carbohydrate Research</i> , 2019, 482, 107737. | 2.3 | 3 |
| 10 | Synthesis and biological activity of sphingosines with integrated azobenzene switches. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3361-3373. | 2.8 | 7 |
| 11 | Stereoselective synthesis and antiproliferative activity of the isomeric sphinganine analogues. <i>Carbohydrate Research</i> , 2019, 472, 76-85. | 2.3 | 8 |
| 12 | Synthesis and biological activity of diastereoisomeric octahydro-1H-indole-5,6,7-triols, analogues of castanospermine. <i>Tetrahedron</i> , 2019, 75, 398-408. | 1.9 | 5 |
| 13 | A short synthesis of protected 3-deoxy-d-arabino-2-heptulosonates (DAH) from shikimic acid based on silyl group migration. <i>Tetrahedron Letters</i> , 2018, 59, 4620-4621. | 1.4 | 1 |
| 14 | A stereoselective approach towards a small library of cytotoxic isomeric sphingoid bases. <i>Carbohydrate Research</i> , 2018, 468, 51-63. | 2.3 | 8 |
| 15 | Synthesis of the cytotoxic phytosphingosines and their isomeric analogues. <i>Carbohydrate Research</i> , 2018, 468, 1-12. | 2.3 | 9 |
| 16 | A Lemieux-Johnson oxidation of shikimic acid derivatives: facile entry to small library of protected (2S,3S,4R)-2,3,4,7-tetrahydroxy-6-oxoheptanals. <i>Chemical Papers</i> , 2017, 71, 709-719. | 2.2 | 3 |
| 17 | The convergent synthesis and anticancer activity of broussonetinines related analogues. <i>Carbohydrate Research</i> , 2017, 451, 59-71. | 2.3 | 12 |
| 18 | Stereoselective synthesis and anticancer activity of broussonetine analogues. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1175-1182. | 1.8 | 12 |

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|----|---|-----|-----------|
| 19 | Total Synthesis and Bioactivity of ent-homospisulosine and N,O-diacetylhomoclavaminol A. <i>Current Organic Chemistry</i> , 2017, 21, 463-473. | 1.6 | 6 |
| 20 | Stereoselective synthesis of a novel branched-chain (1S,2R,6R,7S)-7a-(hydroxymethyl)-1,2,6,7-tetrahydroxypyrrolizidine. <i>Tetrahedron Letters</i> , 2016, 57, 2895-2897. | 1.4 | 7 |
| 21 | Total synthesis and the anticancer activity of (+)-spisulosine. <i>Carbohydrate Research</i> , 2016, 435, 26-36. | 2.3 | 17 |
| 22 | Simple marine 1-deoxysphingoid bases: biological activity and syntheses. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1187-1212. | 1.8 | 13 |
| 23 | Marine cytotoxic jaspine B and its stereoisomers: biological activity and syntheses. <i>Carbohydrate Research</i> , 2016, 423, 1-42. | 2.3 | 14 |
| 24 | Contribution to the synthesis of polyhydroxylated indolizidines starting from sugar isothiocyanates. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 346-351. | 1.8 | 4 |
| 25 | Convenient approach to an advanced intermediate for salinosporamide A synthesis. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 369-376. | 1.8 | 3 |
| 26 | Total synthesis and antiproliferative/cytotoxic profiling of 2-epi-jaspine B. <i>Carbohydrate Research</i> , 2016, 423, 70-81. | 2.3 | 10 |
| 27 | Synthesis of new 5-bromo derivatives of indole and spiroindole phytoalexins. <i>Chemical Papers</i> , 2015, . | 2.2 | 0 |
| 28 | The convergent total synthesis of cytotoxic homospisulosine and its 3-epi-analogue. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1394-1407. | 1.8 | 15 |
| 29 | Total synthesis of pachastrissamine together with its 4-epi-congener via [3,3]-sigmatropic rearrangements and antiproliferative/cytotoxic evaluation. <i>Carbohydrate Research</i> , 2015, 402, 6-24. | 2.3 | 19 |
| 30 | A Review of the Total Synthesis of (+)-Lactacystin and its Analogs. <i>Current Organic Chemistry</i> , 2015, 19, 1980-2001. | 1.6 | 5 |
| 31 | Total synthesis of (âˆš)-jaspine B and its 4-epi-analogue from d-xylose. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 750-766. | 1.8 | 25 |
| 32 | 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. <i>Tetrahedron</i> , 2013, 69, 8228-8244. | 1.9 | 23 |
| 33 | A convenient approach to an advanced intermediate for (+)-lactacystin synthesis. <i>Tetrahedron Letters</i> , 2013, 54, 6768-6771. | 1.4 | 7 |
| 34 | A diastereoselective C-C bond formation at C-5 of d-gulose. A convenient approach to (5S)-5-C-alkyl-1,2-l-lyxo-hexofuranoses. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1514-1519. | 1.8 | 3 |
| 35 | A stereoselective total synthesis of the HCl salts of mycestericins F, G and ent-F. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 121-133. | 1.8 | 11 |
| 36 | Total synthesis of N,O,O-tetraacetyl-d-ribo-phytosphingosine and its 2-epi-congener. <i>Chemical Papers</i> , 2013, 67, . | 2.2 | 13 |

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|----|--|------|-----------|
| 37 | Stereoselective total synthesis of protected sulfamisterin and its analogues. <i>Chemical Papers</i> , 2013, 67, . | 2.2 | 2 |
| 38 | A stereoselective synthesis of an $\hat{1}\pm$ -substituted $\hat{1}\pm$ -amino acid as a substructure for the construction of myriocin. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 536-546. | 1.8 | 9 |
| 39 | An efficient synthesis of the polar part of sulfamisterin and its analogs. <i>Carbohydrate Research</i> , 2012, 352, 23-36. | 2.3 | 11 |
| 40 | A facile synthesis of d-ribo-C20-phytosphingosine and its C2 epimer from d-ribose. <i>Carbohydrate Research</i> , 2011, 346, 1728-1738. | 2.3 | 15 |
| 41 | Stereoselective synthesis of the polar part of mycestericins E and G. <i>Chemical Papers</i> , 2011, 65, . | 2.2 | 4 |
| 42 | A short stereoselective synthesis of the protected uracil $3\hat{e}2$ -epi-polyoxin C. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 207-214. | 1.8 | 7 |
| 43 | Total synthesis of a protected form of sphingofungin E using the [3,3]-sigmatropic rearrangement of an allylic thiocyanate as the key reaction. <i>Carbohydrate Research</i> , 2010, 345, 2427-2437. | 2.3 | 25 |
| 44 | Stereoselective synthesis of both enantiomers of $\hat{1}\pm$ -(hydroxymethyl)glutamic acid. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1879-1885. | 1.8 | 14 |
| 45 | Microwave Accelerated Aza-Claisen Rearrangement. <i>Molecules</i> , 2008, 13, 2837-2847. | 3.8 | 13 |
| 46 | A Novel Synthetic Approach to C-Glycosyl-D- and L-Alanines. <i>Molecules</i> , 2008, 13, 3171-3183. | 3.8 | 3 |
| 47 | The efficient preparation of $\hat{1}\pm$ -substituted serine scaffolds as the chiral building blocks for the synthesis of SPT inhibitors. <i>Tetrahedron</i> , 2007, 63, 10603-10607. | 1.9 | 6 |
| 48 | Microwave accelerated aza-Claisen rearrangements. <i>Tetrahedron Letters</i> , 2007, 48, 6912-6915. | 1.4 | 32 |
| 49 | A New Stereocontrolled Approach to a Key Intermediate in the Synthesis of (2S,3R)-Capreomycin. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 1199-1210. | 1.0 | 2 |
| 50 | Novel Furanoid $\hat{1}\pm$ -Substituted $\hat{1}\pm$ -Amino Acid as a Potent Turn Mimic in Peptide Synthesis. <i>Molecules</i> , 2006, 11, 564-573. | 3.8 | 23 |
| 51 | Creation of quarternary stereocentres via [3,3]-sigmatropic rearrangement of allylic thiocyanates. A synthetic approach to (+)-myriocin. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1875-1882. | 1.8 | 33 |
| 52 | The Bellu \hat{A} \hat{e} Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3516-3524. | 13.8 | 46 |
| 53 | The Bellu \hat{e} Claisen Rearrangement. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 54 | Asymmetric induction in a new domino reaction of [3,3]-sigmatropic rearrangement of allylic thiocyanates and intramolecular heterocyclisation. <i>Tetrahedron</i> , 2002, 58, 1611-1616. | 1.9 | 22 |

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|----|--|-----|-----------|
| 55 | 1,2-Asymmetric induction in the ketene Claisen rearrangement of (2S,3E)-5-(isopropylsulfanyl)-3-pentenes. <i>Tetrahedron</i> , 2001, 57, 5607-5613. | 1.9 | 14 |
| 56 | Stereoselective synthesis of the 5 α -aminofuranoside part of polyoxins via (3,3)-sigmatropic rearrangement of allylic thiocyanates. <i>Tetrahedron Letters</i> , 2001, 42, 4401-4404. | 1.4 | 14 |
| 57 | Stereocontrolled introduction of an amino group at C-6 of d-galactose via (3,3)-sigmatropic rearrangements – novel synthesis of lincosamine and 7-epi-lincosamine precursors. <i>Tetrahedron Letters</i> , 2000, 41, 525-529. | 1.4 | 24 |
| 58 | 1,2-Asymmetric induction in a new tandem of (3,3)-sigmatropic rearrangement of allylic thiocyanates and intramolecular amine addition to N \rightarrow C \rightarrow S group. <i>Tetrahedron Letters</i> , 1997, 38, 875-878. | 1.4 | 15 |
| 59 | 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. <i>Tetrahedron Letters</i> , 1997, 38, 5569-5572. | 1.4 | 20 |
| 60 | Thermoanalytical study of cyclocondensation of some derivatives of nitrosouracil. <i>Thermochimica Acta</i> , 1997, 297, 63-69. | 2.7 | 1 |
| 61 | Investigation of the Chemo- and Stereoselectivity of the Ketene-Claisen Rearrangement. <i>Helvetica Chimica Acta</i> , 1997, 80, 876-891. | 1.6 | 30 |
| 62 | 1,2-Asymmetric Induction in the Ketene Claisen Rearrangement of Allyl Sulfides. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1465-1467. | 4.4 | 33 |
| 63 | 1,2-Asymmetrische Induktion bei der Ketene-Claisen-Umlagerung von Allylsulfiden. <i>Angewandte Chemie</i> , 1991, 103, 1533-1534. | 2.0 | 11 |
| 64 | New synthesis of 2-amino-4-oxopyrido[3,2-e]-1,3-thiazines and 1-alkyl(aryl)pyrido[3,2-e]-2-thiouracils. <i>Collection of Czechoslovak Chemical Communications</i> , 1983, 48, 3315-3328. | 1.0 | 17 |
| 65 | Synthese und Eigenschaften von Isothiocyanat- und Isocyanatderivaten des 1,2,3-Triphenylcyclopropens. <i>Zeitschrift für Chemie</i> , 1983, 23, 18-18. | 0.0 | 3 |