

Gergo Toth

List of Publications by Year in descending order

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77
papers

1,104
citations

430874

18
h-index

552781

26
g-index

78
all docs

78
docs citations

78
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic profiling of various olive bark-types and leaves: HPLC-ESI/MS study. <i>Industrial Crops and Products</i> , 2015, 67, 432-438.	5.2	58
2	Chiral separation of asenapine enantiomers by capillary electrophoresis and characterization of cyclodextrin complexes by NMR spectroscopy, mass spectrometry and molecular modeling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 398-404.	2.8	47
3	Triprotic site-specific acid-base equilibria and related properties of fluoroquinolone antibacterials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 50-57.	2.8	41
4	Characterization of antioxidant phenolics in <i>Syringa vulgaris</i> L. flowers and fruits by HPLC-DAD-ESI-MS. <i>Biomedical Chromatography</i> , 2016, 30, 923-932.	1.7	40
5	First characterisation of flavonoid- and diarylheptanoid-type antioxidant phenolics in <i>Corylus maxima</i> by HPLC-DAD-ESI-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 159-167.	2.8	37
6	Chiral separation of lenalidomide by liquid chromatography on polysaccharide-type stationary phases and by capillary electrophoresis using cyclodextrin selectors. <i>Journal of Separation Science</i> , 2018, 41, 1414-1423.	2.5	37
7	Characterisation of Diarylheptanoid and Flavonoid-type Phenolics in <i>Corylus avellana</i> L. Leaves and Bark by HPLC/DAD-ESI/MS. <i>Phytochemical Analysis</i> , 2013, 24, 493-503.	2.4	33
8	Equilibrium, structural and antibacterial characterization of moxifloxacin- β -cyclodextrin complex. <i>Journal of Molecular Structure</i> , 2018, 1166, 228-236.	3.6	30
9	Equilibrium and structural characterization of ofloxacin-cyclodextrin complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 291-300.	1.6	28
10	Chiral separation of rasagiline using sulfobutylether- β -cyclodextrin: capillary electrophoresis, NMR and molecular modeling study. <i>Electrophoresis</i> , 2019, 40, 1897-1903.	2.4	27
11	Chiral recognition of dapoxetine enantiomers with methylated- γ -cyclodextrin: A validated capillary electrophoresis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 62, 42-47.	2.8	26
12	Simultaneous determination of chiral and achiral impurities of ivabradine on a cellulose tris(3-chloro-4-methylphenylcarbamate) chiral column using polar organic mode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112851.	2.8	25
13	Permeability test for transdermal and local therapeutic patches using Skin PAMPA method. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 165-172.	4.0	24
14	Species-specific lipophilicity of thyroid hormones and their precursors in view of their membrane transport properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 76, 112-118.	2.8	21
15	Liquid chromatography with mass spectrometry enantioseparation of pomalidomide on cyclodextrin-bonded chiral stationary phases and the elucidation of the chiral recognition mechanisms by NMR spectroscopy and molecular modeling. <i>Journal of Separation Science</i> , 2016, 39, 2941-2949.	2.5	21
16	Stereoselective interactions and liquid chromatographic enantioseparation of thalidomide on cyclodextrin-bonded stationary phases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 227-236.	1.6	20
17	Chiral separation of lansoprazole and rabeprazole by capillary electrophoresis using dual cyclodextrin systems. <i>Electrophoresis</i> , 2019, 40, 2799-2805.	2.4	20
18	Chiral Separation of Uncharged Pomalidomide Enantiomers Using Carboxymethyl- β -Cyclodextrin: A Validated Capillary Electrophoretic Method. <i>Chirality</i> , 2016, 28, 199-203.	2.6	19

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19	The Use of Dual Cyclodextrin Chiral Selector Systems in the Enantioseparation of Pharmaceuticals by Capillary Electrophoresis: An Overview. <i>Molecules</i> , 2021, 26, 2261.	3.8	19
20	Endogenous enzyme-hydrolyzed fruit of <i>Cirsium brachycephalum</i> : Optimal source of the antiproliferative lignan trachelogenin regulating the Wnt/ β -Catenin signaling pathway in the SW480 colon adenocarcinoma cell line. <i>FA-toterap</i> , 2015, 100, 19-26.	2.2	18
21	Enantioseparation of racecadotril using polysaccharide-type chiral stationary phases in polar organic mode. <i>Chirality</i> , 2018, 30, 95-105.	2.6	18
22	Phenolic composition, antioxidant and antinociceptive activities of <i>Syringa vulgaris</i> L. bark and leaf extracts. <i>Natural Product Research</i> , 2019, 33, 1664-1669.	1.8	18
23	Structure elucidation of a process-related impurity of dapoxetine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 272-277.	2.8	17
24	In vitro and in silico investigation of electrospun terbinafine hydrochloride-loaded buccal nanofibrous sheets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 156-159.	2.8	17
25	Synthesis and configurational assignment of 1,2-dihydroimidazo[5,1-b]quinazoline-3,9-diones: novel NMDA receptor antagonists. <i>Tetrahedron</i> , 2012, 68, 10365-10371.	1.9	16
26	Physicochemical Characterization and Cyclodextrin Complexation of the Anticancer Drug Lapatinib. <i>Journal of Chemistry</i> , 2017, 2017, 1-9.	1.9	16
27	Reversed-phase HPLC enantioseparation of pantoprazole using a teicoplanin aglycone stationary phase-Determination of the enantiomer elution order using HPLC-CD analyses. <i>Chirality</i> , 2020, 32, 158-167.	2.6	16
28	Novel β -acylaminomorphinans with analgesic activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 786-789.	5.5	15
29	Physicochemical characterisation and cyclodextrin complexation of erlotinib. <i>Supramolecular Chemistry</i> , 2016, 28, 656-664.	1.2	14
30	Validated capillary electrophoretic method for the enantiomeric quality control of <i>R</i> -praziquantel. <i>Electrophoresis</i> , 2017, 38, 1886-1894.	2.4	14
31	Enantiomeric quality control of <i>R</i> -tofisopam by HPLC using polysaccharide-type chiral stationary phases in polar organic mode. <i>Electrophoresis</i> , 2018, 39, 2566-2574.	2.4	14
32	Validated LC Method for Determination of Enantiomeric Purity of Apremilast Using Polysaccharide-Type Stationary Phases in Polar Organic Mode. <i>Chromatographia</i> , 2018, 81, 1613-1621.	1.3	14
33	Liquid chromatographic method for the simultaneous determination of achiral and chiral impurities of dapoxetine in approved and counterfeit products. <i>Journal of Chromatography A</i> , 2020, 1626, 461388.	3.7	14
34	Identification and quantification of lignans and sesquilignans in the fruits of <i>Cnicus benedictus</i> L.: Quantitative chromatographic and spectroscopic approaches. <i>Microchemical Journal</i> , 2014, 114, 238-246.	4.5	13
35	Comparative Chiral Separation of Thalidomide Class of Drugs Using Polysaccharide-Type Stationary Phases with Emphasis on Elution Order and Hysteresis in Polar Organic Mode. <i>Molecules</i> , 2022, 27, 111.	3.8	13
36	Thyroxine lipophilicity is dominated by its zwitterionic microspecies. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 921-925.	4.0	12

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37	The role of harmonized, gas and liquid chromatography mass spectrometry in the discovery of the neolignan balanophonin in the fruit wall of <i>Cirsium vulgare</i> . <i>Journal of Chromatography A</i> , 2012, 1264, 143-147.	3.7	12
38	The site-specific basicity of thyroid hormones and their precursors as regulators of their biological functions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 156-164.	2.8	12
39	Site-specific basicities regulate molecular recognition in receptor binding: in silico docking of thyroid hormones. <i>European Biophysics Journal</i> , 2013, 42, 721-730.	2.2	12
40	Polyphenol Composition and Antioxidant Capacity of Three <i>Lysimachia</i> Species. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	12
41	A simple and effective enrichment process of the antiproliferative lignan arctigenin based on the endogenous enzymatic hydrolysis of <i>Serratula tinctoria</i> and <i>Arctium lappa</i> fruits. <i>Process Biochemistry</i> , 2015, 50, 2281-2288.	3.7	12
42	New silver complexes with levofloxacin: Synthesis, characterization and microbiological studies. <i>Journal of Molecular Structure</i> , 2016, 1123, 384-393.	3.6	12
43	Identification and isolation of new neolignan and sesqueneolignan species: Their acid-catalyzed ring closure and specific accumulation in the fruit wall of <i>Cirsium eriophorum</i> (L.) Scop.. <i>Process Biochemistry</i> , 2015, 50, 853-858.	3.7	11
44	Dopamine: Acid-base properties and membrane penetration capacity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 346-350.	2.8	11
45	Determination of the Enantiomeric Purity of Solriamfetol by High-Performance Liquid Chromatography in Polar Organic Mode Using Polysaccharide-Type Chiral Stationary Phases. <i>Chromatographia</i> , 2020, 83, 909-913.	1.3	11
46	Chiral separation of oxazolidinone analogues by liquid chromatography on polysaccharide stationary phases using polar organic mode. <i>Journal of Chromatography A</i> , 2022, 1662, 462741.	3.7	11
47	Separation and Determination of Quinolone Antibacterials by Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , 2014, 52, 919-925.	1.4	10
48	NMR, CD and UV spectroscopic studies reveal uncommon binding modes of dapoxetine to native cyclodextrins. <i>RSC Advances</i> , 2016, 6, 102315-102328.	3.6	10
49	Determination of Chiral Impurity of Naproxen in Different Pharmaceutical Formulations Using Polysaccharide-Based Stationary Phases in Reversed-Phased Mode. <i>Molecules</i> , 2022, 27, 2986.	3.8	9
50	Cyclodextrin complexation improves aqueous solubility of the antiepileptic drug, rufinamide: solution and solid state characterization of compound-cyclodextrin binary systems. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2017, 88, 43-52.	1.6	8
51	Chemodiversity of <i>Cirsium</i> fruits: Antiproliferative lignans, neolignans and sesqueneolignans as chemotaxonomic markers. <i>FÄ-toterapÄ-Äç</i> , 2018, 127, 413-419.	2.2	8
52	Analysis of aristolochlic acids and evaluation of antibacterial activity of <i>Aristolochia clematitis</i> L.. <i>Biologia Futura</i> , 2020, 70, 323-329.	1.4	8
53	Inclusion complexation of the anticancer drug pomalidomide with cyclodextrins: fast dissolution and improved solubility. <i>Heliyon</i> , 2021, 7, e07581.	3.2	8
54	The complete microspeciation of ovoidiol A disulfide: A hexabasic symmetric biomolecule. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 209-216.	2.8	7

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55	Galls of European Fraxinus trees as new and abundant sources of valuable phenylethanoid and coumarin glycosides. <i>Industrial Crops and Products</i> , 2019, 139, 111517.	5.2	7
56	Preparation of benzoate esters of morphine and its derivatives. <i>Monatshefte für Chemie</i> , 2012, 143, 1431-1440.	1.8	6
57	Drug release profiles and microstructural characterization of cast and freeze dried vitamin B12 buccal films by positron annihilation lifetime spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 89, 83-87.	2.8	6
58	Characterization of enzyme-catalysed endogenous $\hat{1}^2$ -hydroxylation of phenylethanoid glycosides in <i>Euphrasia rostkoviana</i> Hayne at the molecular level. <i>Process Biochemistry</i> , 2014, 49, 1533-1537.	3.7	6
59	Optimized conversion of antiproliferative lignans pinoresinol and epipinoresinol: Their simultaneous isolation and identification by centrifugal partition chromatography and high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 142-149.	2.3	6
60	Synthesis of Potential Haptens with Morphine Skeleton and Determination of Protonation Constants. <i>Molecules</i> , 2020, 25, 4009.	3.8	6
61	Chiral separation in the class of proton pump inhibitors by chromatographic and electromigration techniques: An overview. <i>Electrophoresis</i> , 2021, 42, 1761-1789.	2.4	6
62	Enantioseparation of solriamfetol and its major impurity phenylalaninol by capillary electrophoresis using sulfated gamma cyclodextrin. <i>Electrophoresis</i> , 2021, 42, 1818-1825.	2.4	6
63	The grass root endophytic fungus <i>Flavomyces fulophazii</i> : An abundant source of tetramic acid and chlorinated azaphilone derivatives. <i>Phytochemistry</i> , 2021, 190, 112851.	2.9	5
64	Glucosides of morphine derivatives: synthesis and characterization. <i>Monatshefte für Chemie</i> , 2013, 144, 255-262.	1.8	4
65	Versatile synthesis of novel tetrahydroquinolines as potentially active semicarbazide-sensitive amine oxidase (SSAO) inhibitors via tert-amino effect. <i>Arkivoc</i> , 2017, 2016, 164-196.	0.5	4
66	Novel ion-binding C3 symmetric tripodal triazoles: synthesis and characterization. <i>Open Chemistry</i> , 2014, 12, 115-125.	1.9	3
67	Enzyme-hydrolyzed Fruit of <i>Jurinea mollis</i> : A Rich Source of (-)-(8 <i>R</i> ,8 <i>â€²</i> <i>R</i>)-Arctigenin. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.5	3
68	Site- and species-specific hydrolysis rates of heroin. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 105-114.	4.0	3
69	Characterization of the species-specific acid-base equilibria of adrenaline and noradrenaline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 215-219.	2.8	3
70	Tissue-Specific Accumulation and Isomerization of Valuable Phenylethanoid Glycosides from <i>Plantago</i> and <i>Forsythia</i> Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3880.	4.1	3
71	Synthesis of 1-Iodo-substituted Codeine Derivatives. <i>Letters in Organic Chemistry</i> , 2018, 15, 1012-1020.	0.5	2
72	Population, basicity and partition of short-lived conformers. Characterization of baclofen and pregabalin, the biaxial, doubly rotating drug molecules. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 327-334.	4.0	2

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73	Synthesis of 3- <i>O</i> -Carboxyalkyl Morphine Derivatives and Characterization of Their Acid-Base Properties. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100135.	2.1	2
74	Site- and species-specific hydrolysis rates of cocaine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 372-378.	2.8	1
75	Characterization of the Site-Specific Acid-Base Equilibria of 3-Nitrotyrosine. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900358.	2.1	1
76	Bicarbonate Evokes Reciprocal Changes in Intracellular Cyclic di-GMP and Cyclic AMP Levels in <i>Pseudomonas aeruginosa</i> . <i>Biology</i> , 2021, 10, 519.	2.8	1
77	Ášj, sejtosztádst gÁtlÁ ³ neo- Ás szeszkvineolignÁ ₁ nok taxon-specifikus felhalmazÁ ³ dÁ ₁ sa <i>Cirsium</i> fajok termÁseiben. , 2017, , .		0