

PÃ¡l SzabÃ³

List of Publications by Year in descending order

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93
papers

1,875
citations

257450

24
h-index

330143

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times ranked

2946
citing authors

#	ARTICLE	IF	CITATIONS
1	Synovial and Systemic Pharmacokinetics of Florfenicol and PK/PD Integration against <i>Streptococcus suis</i> in Pigs. <i>Pharmaceutics</i> , 2022, 14, 109.	4.5	10
2	Mechanochemical synthesis of mononuclear gold(i) halide complexes of diphosphine ligands with tuneable luminescent properties. <i>Dalton Transactions</i> , 2021, 50, 13337-13344.	3.3	2
3	A relative quantitation method for measuring DNA methylation and hydroxymethylation using guanine as an internal standard. <i>Analytical Methods</i> , 2021, 13, 4614-4622.	2.7	3
4	Age-Related Inflammatory Balance Shift, Nasal Barrier Function, and Cerebro-Morphological Status in Healthy and Diseased Rodents. <i>Frontiers in Neuroscience</i> , 2021, 15, 700729.	2.8	4
5	Three-component synthesis, utilization and biological activity of phosphinoyl-functionalized isoindolinones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8754-8760.	2.8	6
6	Critical Role of Astrocytic Polyamine and GABA Metabolism in Epileptogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 787319.	3.7	15
7	Study on the Microwave-Assisted Batch and Continuous Flow Synthesis of N-Alkyl-Isoindolin-1-One-3-Phosponates by a Special Kabachnikâ€“Fields Condensation. <i>Molecules</i> , 2020, 25, 3307.	3.8	13
8	Verification of P-Glycoprotein Function at the Dermal Barrier in Diffusion Cells and Dynamic â€œSkin-On-A-Chipâ€•Microfluidic Device. <i>Pharmaceutics</i> , 2020, 12, 804.	4.5	22
9	Modulation of nose-to-brain delivery of a P-glycoprotein (MDR1) substrate model drug (quinidine) in rats. <i>Brain Research Bulletin</i> , 2020, 160, 65-73.	3.0	27
10	Synthesis of (1,2,3-triazol-4-yl)methyl Phosphinates and (1,2,3-Triazol-4-yl)methyl Phosphates by Copper-Catalyzed Azide-Alkyne Cycloaddition. <i>Molecules</i> , 2019, 24, 2085.	3.8	6
11	Decreased Nuclear Ascorbate Accumulation Accompanied with Altered Genomic Methylation Pattern in Fibroblasts from Arterial Tortuosity Syndrome Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	4
12	Baicalin is a substrate of OATP2B1 and OATP1B3. <i>Phytotherapy Research</i> , 2018, 32, 1647-1650.	5.8	6
13	Thermal Plasma Decomposition of Tetrachloroethylene. <i>Plasma Chemistry and Plasma Processing</i> , 2018, 38, 771-790.	2.4	1
14	Discovery of isatin and 1H-indazol-3-ol derivatives as d-amino acid oxidase (DAAO) inhibitors. <i>Biorganic and Medicinal Chemistry</i> , 2018, 26, 1579-1587.	3.0	10
15	Inhibition of DNA methyltransferase leads to increased genomic 5â€hydroxymethylcytosine levels in hematopoietic cells. <i>FEBS Open Bio</i> , 2018, 8, 584-592.	2.3	7
16	Simultaneous determination of thirteen different steroid hormones using micro UHPLC-MS/MS with on-line SPE system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 258-267.	2.8	32
17	Simultaneous determination of ten nonsteroidal anti-inflammatory drugs from drinking water, surface water and wastewater using micro UHPLC-MS/MS with on-line SPE system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 99-108.	2.8	28
18	Role of oligo(malic acid) on the formation of unilamellar vesicles. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 782-789.	9.4	6

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19	Charged derivatization and on-line solid phase extraction to measure extremely low cortisol and cortisone levels in human saliva with liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 223-231.	2.8	13
20	Effect of Chronic Treatment With Psychiatric Medications Aripiprazole And Riluzole on Dna Methylation Profiles In The Rat Striatum And Prefrontal Cortex. <i>European Neuropsychopharmacology</i> , 2017, 27, S394.	0.7	0
21	Pegylated liposomal formulation of doxorubicin overcomes drug resistance in a genetically engineered mouse model of breast cancer. <i>Journal of Controlled Release</i> , 2017, 261, 287-296.	9.9	70
22	A Double-Clicking Bis-Azide Fluorogenic Dye for Bioorthogonal Self-Labeling Peptide Tags. <i>Chemistry - A European Journal</i> , 2016, 22, 6382-6388.	3.3	24
23	Unexpected formation of a fused double cycle trinuclear gold(<i>scp</i>) complex supported by ortho-phenyl metallated aryl-diphosphine ligands and strong aurophilic interactions. <i>Dalton Transactions</i> , 2016, 45, 12569-12575.	3.3	11
24	Design, synthesis and biological evaluation of thiosemicarbazones, hydrazinobenzothiazoles and arylhydrazones as anticancer agents with a potential to overcome multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 335-354.	5.5	79
25	Silica@zirconia@poly(malic acid) nanoparticles: promising nanocarriers for theranostic applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4420-4429.	5.8	10
26	Pushing quantitation limits in micro UHPLC-MS/MS analysis of steroid hormones by sample dilution using high volume injection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 135-141.	2.8	7
27	Acquired nintedanib resistance in FGFR1-driven small cell lung cancer: role of endothelin-A receptor-activated ABCB1 expression. <i>Oncotarget</i> , 2016, 7, 50161-50179.	1.8	19
28	Abstract 2119: Acquired nintedanib resistance in FGFR1-driven small cell but not non-small cell lung cancer is mediated by ABCB1. , 2016, , .		0
29	Adverse events in a newborn on valproate therapy due to loss-of-function mutations in CYP2C9. <i>Epilepsy & Behavior Case Reports</i> , 2015, 4, 86-87.	1.5	5
30	Multiple ABC Transporters Efflux Baicalin. <i>Phytotherapy Research</i> , 2015, 29, 1987-1990.	5.8	47
31	A Modified Procedure for Estimating the Impact of the Uptake on the Overall Biliary Clearance in Sandwich Culture of Rat Hepatocytes. <i>Drug Metabolism Letters</i> , 2015, 9, 17-27.	0.8	1
32	Concurrent Confirmation and Differential Diagnosis of Congenital Adrenal Hyperplasia from Dried Blood Spots: Application of a Second-Tier LC-MS/MS Assay in a Cross-Border Cooperation for Newborn Screening. <i>Hormone Research in Paediatrics</i> , 2015, 84, 311-318.	1.8	23
33	Unexpected retention behavior of baicalin: Hydrophilic interaction like properties of a reversed-phase column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 119-125.	2.8	4
34	Synthesis and characterization of the anticancer and metal binding properties of novel pyrimidinylhydrazone derivatives. <i>Journal of Inorganic Biochemistry</i> , 2015, 144, 18-30.	3.5	25
35	Cinchona based squaramide catalysed enantioselective Michael addition of $\hat{\pm}$ -nitrophosphonates to aryl acrylates: enantioselective synthesis of quaternary $\hat{\pm}$ -aminophosphonates. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1605-1614.	1.8	22
36	Synthesis and pharmacological investigation of new N-hydroxyalkyl-2-aminophenothiazines exhibiting marked MDR inhibitory effect. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3760-3779.	3.0	12

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37	Rapid turnover of DNA methylation in human cells. <i>Epigenetics</i> , 2012, 7, 141-145.	2.7	47
38	Jatrophane diterpenoids with multidrug resistance-modulating activity from <i>Euphorbia mongolica</i> Prokh.. <i>Tetrahedron</i> , 2012, 68, 8403-8407.	1.9	15
39	Astrocytes convert network excitation to tonic inhibition of neurons. <i>BMC Biology</i> , 2012, 10, 26.	3.8	142
40	Influence of achiral amine additives on the Orito's reaction. <i>Journal of Molecular Catalysis A</i> , 2012, 357, 87-94.	4.8	4
41	Unusual Tiglane Diterpenes from <i>Euphorbia grandicornis</i> . <i>Journal of Natural Products</i> , 2011, 74, 639-643.	3.0	27
42	Jatrophane Diterpenes from <i>Euphorbia esula</i> as Antiproliferative Agents and Potent Chemosensitizers to Overcome Multidrug Resistance. <i>Journal of Natural Products</i> , 2011, 74, 1453-1461.	3.0	40
43	ABCC6 does not transport vitamin K3-glutathione conjugate from the liver: Relevance to pathomechanisms of pseudoxanthoma elasticum. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 468-471.	2.1	23
44	Alkamides and a neolignan from <i>Echinacea purpurea</i> roots and the interaction of alkamides with G-protein-coupled cannabinoid receptors. <i>Phytochemistry</i> , 2011, 72, 1848-1853.	2.9	38
45	Ivermectin Interacts With Human ABCG2. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 94-97.	3.3	35
46	Some observations on the reductive ring opening of 4,6-O-benzylidene acetals of hexopyranosides with the borane trimethylamine-aluminium chloride reagent. <i>Carbohydrate Research</i> , 2011, 346, 1633-1637.	2.3	13
47	Inhibition of Human Sterol 7 α -Reductase and Other Postlanosterol Enzymes by LK-980, a Novel Inhibitor of Cholesterol Synthesis. <i>Drug Metabolism and Disposition</i> , 2011, 39, 39-46.	3.3	11
48	Vitamin K does not prevent soft tissue mineralization in a mouse model of pseudoxanthoma elasticum. <i>Cell Cycle</i> , 2011, 10, 1810-1820.	2.6	50
49	Study of the high temperature reactions of a hindered aryl phosphite (Hostanox PAR 24) used as a processing stabiliser in polyolefins. <i>Polymer Degradation and Stability</i> , 2010, 95, 1883-1893.	5.8	18
50	Bioactivity-guided isolation of antiproliferative compounds from <i>Centaurea arenaria</i> . <i>Phytotherapy Research</i> , 2010, 24, 1664-1669.	5.8	40
51	Drug Interaction Potential of 2-((3,4-Dichlorophenethyl)(propyl)amino)-1-(pyridin-3-yl)ethanol (LK-935), the Novel Nonstatin-Type Cholesterol-Lowering Agent. <i>Drug Metabolism and Disposition</i> , 2009, 37, 375-385.	3.3	21
52	Detection of hydrogen peroxide by lactoperoxidase-mediated dityrosine formation. <i>Free Radical Research</i> , 2009, 43, 440-445.	3.3	4
53	Kinetic Characterization of Sulfasalazine Transport by Human ATP-Binding Cassette G2. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 497-499.	1.4	34
54	β -Hydroxybutyrate binds to the synaptic site recognizing succinate monocarboxylate: A new hypothesis on astrocyte-neuron interaction via the protonation of succinate. <i>Journal of Neuroscience Research</i> , 2008, 86, 1566-1576.	2.9	12

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55	Phenanthrenes and a dihydrophenanthrene from <i>Tamus communis</i> and their cytotoxic activity. <i>Phytochemistry</i> , 2007, 68, 687-691.	2.9	14
56	A New Series of Glycopeptide Antibiotics Incorporating a Squaric Acid Moiety. <i>Journal of Antibiotics</i> , 2006, 59, 564-582.	2.0	18
57	Comparative Study on Decomposition of CFC13 in Thermal and Cold Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2005, 25, 275-288.	2.4	7
58	Comparative Study on the Decomposition of Chloroform in Thermal and Cold Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2005, 25, 289-302.	2.4	23
59	Solution state conformation and degradation of cyclopeptides containing an NGR motif. <i>Journal of Peptide Science</i> , 2005, 11, 53-59.	1.4	6
60	CANALICULAR AND SINUSOIDAL DISPOSITION OF BILIRUBIN MONO- AND DIGLUCURONIDES IN SANDWICH-CULTURED HUMAN AND RAT PRIMARY HEPATOCYTES. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1355-1360.	3.3	24
61	Altered Active Site Flexibility and a Structural Metal-binding Site in Eukaryotic dUTPase. <i>Journal of Biological Chemistry</i> , 2004, 279, 17932-17944.	3.4	42
62	New tri- and tetracyclic diterpenes from <i>Euphorbia villosa</i> . <i>Tetrahedron</i> , 2004, 60, 5025-5030.	1.9	20
63	Mechanistic Studies of dUTPases. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1475-1479.	1.1	5
64	Recent Studies on the Decomposition of n-Hexane and Toluene in RF Thermal Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2003, 23, 233-243.	2.4	12
65	Comparative Study of the Decomposition of CCl ₄ in Cold and Thermal Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2003, 23, 651-664.	2.4	16
66	Isolation and Structural Characterization of New, Highly Functionalized Diterpenes from <i>Euphorbia serrulata</i> . <i>Helvetica Chimica Acta</i> , 2003, 86, 280-289.	1.6	8
67	Preparation of New Sulfonated Triarylphosphanes: Control of the Selectivity by Structural Assistance. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2775-2781.	2.4	19
68	Efficient synthesis of fullerenes in RF thermal plasma reactor. <i>Chemical Physics Letters</i> , 2003, 378, 434-439.	2.6	31
69	Electrospray mass spectrometric investigation of the binding of cis-parinaric acid to bovine beta-lactoglobulin and study of the ligand-binding site of the protein using limited proteolysis. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2464-2470.	1.5	12
70	Discovery and Biological Evaluation of a New Family of Potent Modulators of Multidrug Resistance: Reversal of Multidrug Resistance of Mouse Lymphoma Cells by New Natural Jatrophone Diterpenoids Isolated from <i>Euphorbia</i> Species. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2425-2431.	6.4	102
71	Synthesis of Vinca Alkaloids and Related Compounds. 100. Stereoselective Oxidation Reactions of Compounds with the Aspidospermane and Quebrachamine Ring System. First Synthesis of Some Alkaloids Containing the Epoxy Ring 1a. <i>Journal of Organic Chemistry</i> , 2002, 67, 7255-7260.	3.2	20
72	Induced chirality upon binding of cis-parinaric acid to bovine β -lactoglobulin: spectroscopic characterization of the complex. <i>FEBS Letters</i> , 2002, 520, 81-87.	2.8	25

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73	A new phenanthridine alkaloid from <i>Hymenocallis</i> <i>festalis</i> . <i>FÄ-toterapÄ-tÄt</i> , 2002, 73, 749-751.	2.2	6
74	Synthesis of vinca alkaloids and related compounds 98. Oxidation with dimethyldioxirane of compounds containing the aspidospermane and quebrachamine ring system. A simple synthesis of (7<i>S</i>,20<i>S</i>)â€(+)-â€rhazidigenine and (2<i>R</i>,7<i>S</i>,20<i>S</i>)â€(+)-â€rhazidine. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 767-771.	2.6	17
75	Synthesis of oligopeptides with the sequence SXWS and their chemotactic effects on a ciliated protozoan <i>Tetrahymena pyriformis</i> . <i>Journal of Peptide Science</i> , 2002, 8, 13-22.	1.4	4
76	Synthesis of vinca alkaloids and related compounds. Part 101: A new convergent synthetic pathway to build up the aspidospermane skeleton. Simple synthesis of 3-oxovincadifformine and 3-oxominovincine. Attempts to produce 15 ² -hydroxyvincadifformine. <i>Tetrahedron</i> , 2002, 58, 8921-8927.	1.9	11
77	Salicifoline and salicinolide, new diterpene polyesters from <i>Euphorbia salicifolia</i> . <i>Tetrahedron Letters</i> , 2001, 42, 6581-6584.	1.4	24
78	Heterogeneous asymmetric reactions. <i>Journal of Molecular Catalysis A</i> , 2001, 170, 165-173.	4.8	28
79	Electrospray mass spectrometry of hydrophobic compounds using dimethyl sulfoxide and dimethylformamide as solvents. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2415-2419.	1.5	21
80	Identification of new types of aluminium compounds by electrospray ionization mass spectrometry: oxonium cations. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 65-69.	1.5	20
81	Euphosalicin, a new diterpene polyester with multidrug resistance reversing activity from <i>Euphorbia salicifolia</i> . <i>Tetrahedron</i> , 2001, 57, 211-215.	1.9	36
82	Cephalosporin Podand Derivatives.. <i>Journal of Antibiotics</i> , 2000, 53, 1207-1211.	2.0	6
83	Identification of ethyl pyruvate and dihydrocinchonidine adducts by electrospray ionization mass spectrometry. , 2000, 14, 509-514.		35
84	Comparative study of carbonization of hydrocarbons. The rule. <i>Tetrahedron</i> , 1999, 55, 1799-1806.	1.9	6
85	Molecular mechanism of the short-term cardiotoxicity caused by 2â€²,3â€²-dideoxycytidine (ddC): modulation of reactive oxygen species levels and ADP-ribosylation reactions. <i>Biochemical Pharmacology</i> , 1999, 58, 1915-1925.	4.4	47
86	Identification of factor C protein from <i>Streptomyces griseus</i> by microelectrospray mass spectrometry. , 1999, 34, 1312-1316.		6
87	Electrospray mass spectrometry of phosphoramidites, a group of acid-labile compounds. , 1999, 34, 1317-1321.		14
88	Characterization of the gene for factor C, an extracellular signal protein involved in morphological differentiation of <i>Streptomyces griseus</i> This paper is dedicated to the memory of Professor GÁbor SzabÁ ³ . The GenBank accession number for the sequence reported in this paper is AF103943.. <i>Microbiology (United Kingdom)</i> , 1999, 145, 2245-2253.	1.8	18
89	Capillary chromatography/microelectrospray mass spectrometry used for the identification of putative cyclin-dependent kinase inhibitory protein in <i>Medicago</i> . , 1998, 12, 1564-1568.		19
90	A simple folding method for high level production of the hydrophobic disulfide bonded hepatitis B X protein by inclusion body route and its structural analysis. <i>Progress in Biotechnology</i> , 1998, 15, 269-274.	0.2	0

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91	Electron Impact Mass Spectrometry of 2-Aryl-thiazolidine-4-carboxylic Acids. , 1996, 10, 1136-1140.		0
92	Doubly charged ions: Differentiation of flavanone and 2-hydroxy chalcone. Rapid Communications in Mass Spectrometry, 1993, 7, 635-640.	1.5	3
93	Determination of active hydrogen in organic compounds by electron-impact mass spectrometry. Rapid Communications in Mass Spectrometry, 1992, 6, 679-683.	1.5	2