

# Gyrgy T Balogh

## List of Publications by Citations

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41  
papers

657  
citations

14  
h-index

25  
g-index

46  
ext. papers

763  
ext. citations

4.2  
avg, IF

3.47  
L-index

#	Paper	IF	Citations
41	Skin-PAMPA: a new method for fast prediction of skin penetration. <i>European Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 45, 698-707	5.1	109
40	Effect of different metal ions on the oxidative damage and antioxidant capacity of hyaluronic acid. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 410, 76-82	4.1	58
39	Investigation and Mathematical Description of the Real Driving Force of Passive Transport of Drug Molecules from Supersaturated Solutions. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 3816-3826	5.6	56
38	In vitro dissolution-permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using Flux. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 491, 180-9	6.5	50
37	Applicability of a blood-brain barrier specific artificial membrane permeability assay at the early stage of natural product-based CNS drug discovery. <i>Journal of Natural Products</i> , <b>2013</b> , 76, 655-63	4.9	43
36	Synthesis and Proton Dissociation Properties of Arylphosphonates: A Microwave-Assisted Catalytic Arbuzov Reaction with Aryl Bromides. <i>Heteroatom Chemistry</i> , <b>2012</b> , 23, 574-582	1.2	41
35	Comparative evaluation of pK(a) prediction tools on a drug discovery dataset. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 67-68, 63-70	3.5	32
34	Nitrone derivatives of trolox as neuroprotective agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 3012-5	2.9	29
33	Tuning the predictive capacity of the PAMPA-BBB model. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 79, 53-60	5.1	25
32	Discovery and Preclinical Characterization of 3-((4-(4-Chlorophenyl)-7-fluoroquinoline-3-yl)sulfonyl)benzotrile, a Novel Non-acetylenic Metabotropic Glutamate Receptor 5 (mGluR5) Negative Allosteric Modulator for Psychiatric Indications. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 2470-2484	8.3	18
31	BBB penetration-targeting physicochemical lead selection: Ecdysteroids as chemo-sensitizers against CNS tumors. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 96, 571-577	5.1	17
30	Studies of a pyridino-crown ether-based chiral stationary phase on the enantioseparation of biogenic chiral aralkylamines and amino acid esters by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 115, 192-5	3.5	15
29	pH-gradient PAMPA-based in vitro model assay for drug-induced phospholipidosis in early stage of drug discovery. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 81-9	5.1	15
28	Use of reversed-phase liquid chromatography for determining the lipophilicity of alpha-aryl-N-cyclopropylnitrones. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 1057-62	3.5	14
27	Metalloporphyrin catalysed biomimetic oxidation of aryl benzyl ethers. Implications for lignin peroxidase catalysis. <i>Tetrahedron</i> , <b>1999</b> , 55, 4457-4466	2.4	14
26	Cytochrome P450 catalyzed nitric oxide synthesis: a theoretical study. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2000</b> , 17, 759-67	3.6	12
25	Metalloporphyrin catalyzed oxidation of N-hydroxyguanidines: a biomimetic model for the H <sub>2</sub> O <sub>2</sub> -dependent activity of nitric oxide synthase. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2000</b> , 10, 1775-7	2.9	9

24	Corneal-PAMPA: A novel, non-cell-based assay for prediction of corneal drug permeability. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 128, 232-239	5.1	9
23	Human Serum Albumin Binding in a Vial: A Novel UV-pH Titration Method To Assist Drug Design. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 1763-1774	8.3	8
22	Development and Characterization of Potential Ocular Mucoadhesive Nano Lipid Carriers Using Full Factorial Design. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	8
21	Proton dissociation properties of arylphosphonates: Determination of accurate Hammett equation parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 143, 101-109	3.5	7
20	A novel method for the preparation of a chiral stationary phase containing an enantiopure acridino-18-crown-6 ether selector. <i>Journal of Chromatographic Science</i> , <b>2015</b> , 53, 431-5	1.4	7
19	A Study on the Reduction of 4-Chloro-1,2-Dihydrophosphinine Oxides by Transfer Hydrogenation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2012</b> , 187, 121-127	1	7
18	Discovery of novel histamine H4 and serotonin transporter ligands using the topological feature tree descriptor. <i>Journal of Chemical Information and Modeling</i> , <b>2012</b> , 52, 233-42	6.1	7
17	Biomimetic Synthesis of Drug Metabolites in Batch and Continuous-Flow Reactors. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9385-9392	4.8	6
16	Synthesis and enantioselective transport studies of optically active lipophilic proton-ionizable crown ethers containing a diarylphosphinic acid unit. <i>Tetrahedron: Asymmetry</i> , <b>2015</b> , 26, 650-656		6
15	Applicability evaluation of advanced processes for elimination of neurophysiological activity of antidepressant fluoxetine. <i>Chemosphere</i> , <b>2018</b> , 193, 489-497	8.4	6
14	Synthesis and cation binding of acridono-18-crown-6 ether type ligands. <i>Monatshefte für Chemie</i> , <b>2015</b> , 146, 1291-1297	1.4	5
13	On the complex OH/O-induced free radical chemistry of arylalkylamines with special emphasis on the contribution of the alkylamine side chain. <i>Free Radical Research</i> , <b>2017</b> , 51, 124-140	4	4
12	Topical analgesic, anti-inflammatory and antioxidant properties of <i>Oxybaphus nyctagineus</i> : phytochemical characterization of active fractions. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 155, 776-84	5	3
11	Identification of nitric oxide donors by biomimetic HTS application. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2005</b> , 8, 347-52	1.3	3
10	Liver-on-a-Chip-Magnetic Nanoparticle Bound Synthetic Metalloporphyrin-Catalyzed Biomimetic Oxidation of a Drug in a Magnechip Reactor. <i>Micromachines</i> , <b>2019</b> , 10,	3.3	2
9	Novel medium-throughput technique for investigating drug-cyclodextrin complexation by pH-metric titration using the partition coefficient method. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 542, 100-107	6.5	2
8	Synthesis, experimental and theoretical studies on the factors influencing the pKa values of new crown ethers containing a diarylphosphinic acid unit. <i>Tetrahedron</i> , <b>2016</b> , 72, 8593-8602	2.4	2
7	LC Determination of Peroxynitrite Scavenging Activity of Phenols from <i>Salvia</i> spp.. <i>Chromatographia</i> , <b>2010</b> , 71, 51-59	2.1	2

6	Nanofibrous Formulation of Cyclodextrin Stabilized Lipases for Efficient Pancreatin Replacement Therapies. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
5	A model lacking relevant literature comparison. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 104, 47	3.5	1
4	Magnetic Nanoparticles with Dual Surface Functions-Efficient Carriers for Metalloporphyrin-Catalyzed Drug Metabolite Synthesis in Batch and Continuous-Flow Reactors. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	1
3	A corneal-PAMPA-based in silico model for predicting corneal permeability. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 203, 114218	3.5	1
2	Regioselective synthesis, physicochemical properties and anticancer activity of 2-aminomethylated estrone derivatives.. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2022</b> , 219, 106064	5.1	0
1	Analysis of the uncharted, druglike property space by self-organizing maps. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	0