

# Zoltan Beni

## List of Publications by Citations

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43  
papers

434  
citations

13  
h-index

19  
g-index

43  
ext. papers

523  
ext. citations

4.4  
avg, IF

3  
L-index

#	Paper	IF	Citations
43	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
42	Significant activity of ecdysteroids on the resistance to doxorubicin in mammalian cancer cells expressing the human ABCB1 transporter. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 5034-43	8.3	39
41	The changing role of NMR spectroscopy in off-line impurity identification: A conceptual view. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2006</b> , 25, 806-820	14.6	25
40	Structure elucidation of indole-indoline type alkaloids: a retrospective account from the point of view of current NMR and MS technology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 69, 106-24	3.5	21
39	Gymnopeptides A and B, Cyclic Octadecapeptides from the Mushroom <i>Gymnopus fusipes</i> . <i>Organic Letters</i> , <b>2016</b> , 18, 2688-91	6.2	21
38	Synthesis and in vitro antitumor effect of vinblastine derivative-oligoarginine conjugates. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1948-55	6.3	19
37	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
36	Ecdysteroids from <i>Polypodium vulgare</i> L. <i>Steroids</i> , <b>2011</b> , 76, 1419-24	2.8	18
35	Antioxidant activity-guided phytochemical investigation of <i>Artemisia gmelinii</i> Webb. ex Stechm.: isolation and spectroscopic challenges of 3,5-O-dicaffeoyl (epi?) quinic acid and its ethyl ester. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 59, 83-9	3.5	17
34	Oxidative addition of iodo-acetonitrile and of elemental halogens to [Pt3( $\mu$ -CO)3(PCy3)3]. <i>Dalton Transactions</i> , <b>2005</b> , 315-25	4.3	17
33	Bioactivity-Guided Isolation of Antimicrobial and Antioxidant Metabolites from the Mushroom. <i>Molecules</i> , <b>2018</b> , 23,	4.8	16
32	Antioxidant-Inspired Drug Discovery: Antitumor Metabolite Is Formed in Situ from a Hydroxycinnamic Acid Derivative upon Free-Radical Scavenging. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1657-1668	8.3	16
31	NMR and mass spectrometric characterization of vinblastine, vincristine and some new related impurities - part I. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 84, 293-308	3.5	15
30	Sesquiterpenes from <i>Neurolaena lobata</i> and their antiproliferative and anti-inflammatory activities. <i>Journal of Natural Products</i> , <b>2014</b> , 77, 576-82	4.9	13
29	Synthesis of some pentanuclear platinum clusters [Pt5(CO)6(L)4]. The X-ray structure of [Pt5( $\mu$ -CO)5(CO)(PCy3)4]. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 497-503	2.7	13
28	4-Aryl-3-arylsulfonyl-quinolines as negative allosteric modulators of metabotropic GluR5 receptors: From HTS hit to development candidate. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 1249-52	2.9	11
27	C8-selective biomimetic transformation of 5,7-dihydroxylated flavonoids by an acid-catalysed phenolic Mannich reaction: Synthesis of flavonoid alkaloids with quercetin and (R)-epicatechin skeletons. <i>Tetrahedron</i> , <b>2017</b> , 73, 1503-1510	2.4	10

26	Synthesis of Urea Derivatives in Two Sequential Continuous-Flow Reactors. <i>Organic Process Research and Development</i> , <b>2017</b> , 21, 611-622	3.9	8
25	New oxidative decomposition mechanism of estradiol through the structural characterization of a minute impurity and its degradants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 78-79, 183-9	3.5	8
24	Novel ecdysteroids from <i>Serratula wolffii</i> . <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 651275	2.2	8
23	Biomimetic synthesis and HPLC-ECD analysis of the isomers of dracocephins A and B. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 2523-2534	2.5	8
22	Raw drone milk of honeybees elicits uterotrophic effect in rats: evidence for estrogenic activity. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 404-9	2.8	7
21	Reaction of [Pt3(EO)3(PCy3)3] with tin dichloride. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 99-101	3.1	7
20	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
19	Synthesis and pK determination of new enantiopure dimethyl-substituted acridino-crown ethers containing a carboxyl group: Useful candidates for enantiomeric recognition studies. <i>Chirality</i> , <b>2017</b> , 29, 522-535	2.1	6
18	Triterpenes from the Mushroom : Isolation, Structure Determination and Investigation in Bdelloid Rotifer Assays. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
17	Linked Metal-cluster Systems: Isolation and Characterisation of {anti-[(p-cymene)RuCl]-[D-P,P;□ 1-P??-(PPh2CH2)3CMe]-[AuPt3(CO)3(PCy3)3]}(PF6)2. <i>Journal of Cluster Science</i> , <b>2008</b> , 19, 295-309	3	5
16	Oxidative addition of Ph3SnH to Pt3(EO)3(PR3)3 (R=PCy3, PtBu3). <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 935-937	3.1	5
15	Discovery of 4-amino-3-arylsulfoquinolines, a novel non-acetylenic chemotype of metabotropic glutamate 5 (mGlu) receptor negative allosteric modulators. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 133, 240-254	6.8	4
14	Detection by HPLC and structural characterization by NMR and MS of a natural deuterium isotopologue of ulipristal acetate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 98, 279-86	3.5	4
13	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
12	Inhibition of G protein-activated inwardly rectifying K+ channels by extracts of <i>Polygonum persicaria</i> and isolation of new flavonoids from the chloroform extract of the herb. <i>Planta Medica</i> , <b>2013</b> , 79, 1736-41	3.1	3
11	Experimental and theoretical study of intramolecular exchange in Ir2Rh2(CO)12 and Ir4(CO)11(micro-SO2). <i>Dalton Transactions</i> , <b>2005</b> , 310-4	4.3	3
10	AAPH or Peroxynitrite-Induced Biorelevant Oxidation of Methyl Caffeate Yields a Potent Antitumor Metabolite. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3
9	Computer-Assisted Structure Elucidation in NMR <b>2015</b> , 317-354		2

8	Cerebrosides and Steroids from the Edible Mushroom with Antioxidant Potential. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
7	Chemical Analysis of the Edible Mushroom <i>Tricholoma populinum</i> : Steroids and Sulfinyladenosine Compounds. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701201	0.9	1
6	Isolation and Structure Determination of Antiproliferative Secondary Metabolites from the Potato Earthball Mushroom, <i>Scleroderma bovista</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , <b>2018</b> , 20, 411-418	1.3	1
5	Discovery of dihydropyrazino-benzimidazole derivatives as metabotropic glutamate receptor-2 (mGluR2) positive allosteric modulators (PAMs). <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 186, 111881	6.8	1
4	Diversity-oriented synthesis through gamma radiolysis: Preparation of unusual ecdysteroid derivatives activating Akt and AMPK in skeletal muscle cells. <i>Bioorganic Chemistry</i> , <b>2021</b> , 112, 104951	5.1	1
3	Synthesis of aminal-type <i>Lilium candidum</i> alkaloids and lilaline; determination of their relative configuration by the concerted use of NMR spectroscopy and DFT conformational analysis. <i>Tetrahedron</i> , <b>2021</b> , 81, 131827	2.4	1
2	Structure Elucidation of a Mysterious Trace Component of Ulipristal Acetate <b>2015</b> , 355-365		0
1	Fragment-Based Optimization of Dihydropyrazino-Benzimidazolones as Metabotropic Glutamate Receptor-2 Positive Allosteric Modulators against Migraine. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 8607-8620	8.3	0