

# Zoltan Beni

## List of Publications by Year in descending order

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43  
papers

578  
citations

567281

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h-index

677142

22  
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43  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Significant Activity of Ecdysteroids on the Resistance to Doxorubicin in Mammalian Cancer Cells Expressing the Human ABCB1 Transporter. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5034-5043.	6.4	56
2	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> , 2013, 76, 655-663.	3.0	51
3	The changing role of NMR spectroscopy in off-line impurity identification: A conceptual view. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 806-820.	11.4	29
4	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> , 2017, 60, 2470-2484.	6.4	26
5	Synthesis and in Vitro Antitumor Effect of Vinblastine Derivative- $\alpha$ -Oligoarginine Conjugates. <i>Bioconjugate Chemistry</i> , 2010, 21, 1948-1955.	3.6	25
6	Gymnopeptides A and B, Cyclic Octadecapeptides from the Mushroom <i>Gymnopus fusipes</i> . <i>Organic Letters</i> , 2016, 18, 2688-2691.	4.6	25
7	Bioactivity-Guided Isolation of Antimicrobial and Antioxidant Metabolites from the Mushroom <i>Tapinella atrotomentosa</i> . <i>Molecules</i> , 2018, 23, 1082.	3.8	25
8	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> , 2019, 62, 1657-1668.	6.4	25
9	Ecdysteroids from <i>Polypodium vulgare</i> L.. <i>Steroids</i> , 2011, 76, 1419-1424.	1.8	23
10	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> , 2012, 69, 106-124.	2.8	22
11	Sesquiterpenes from <i>Neurolaena lobata</i> and Their Antiproliferative and Anti-inflammatory Activities. <i>Journal of Natural Products</i> , 2014, 77, 576-582.	3.0	19
12	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> , 2012, 59, 83-89.	2.8	18
13	Oxidative addition of iodo-acetonitrile and of elemental halogens to [Pt3( $\mu$ -CO)3(PCy3)3]. <i>Dalton Transactions</i> , 2005, , 315-325.	3.3	17
14	NMR and mass spectrometric characterization of vinblastine, vincristine and some new related impurities - Part I. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 84, 293-308.	2.8	16
15	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> , 2016, 26, 1249-1252.	2.2	16
16	C8-selective biomimetic transformation of 5,7-dihydroxylated flavonoids by an acid-catalysed phenolic Mannich reaction: Synthesis of flavonoid alkaloids with quercetin and ( $\alpha$ )-epicatechin skeletons. <i>Tetrahedron</i> , 2017, 73, 1503-1510.	1.9	15
17	Synthesis of some pentanuclear platinum clusters [Pt5(CO)6(L)4]. The X-ray structure of [Pt5( $\mu$ 4-CO)5(CO)(PCy3)4]. <i>Inorganica Chimica Acta</i> , 2005, 358, 497-503.	2.4	13
18	Synthesis of Urea Derivatives in Two Sequential Continuous-Flow Reactors. <i>Organic Process Research and Development</i> , 2017, 21, 611-622.	2.7	13

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19	Raw Drone Milk of Honeybees Elicits Uterotrophic Effect in Rats: Evidence for Estrogenic Activity. <i>Journal of Medicinal Food</i> , 2013, 16, 404-409.	1.5	12
20	Triterpenes from the Mushroom <i>Hypholoma lateritium</i> : Isolation, Structure Determination and Investigation in Bdelloid Rotifer Assays. <i>Molecules</i> , 2019, 24, 301.	3.8	11
21	Biomimetic synthesis and HPLC-ECD analysis of the isomers of dracocephins A and B. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2523-2534.	2.2	10
22	Biomimetic Synthesis of Drug Metabolites in Batch and Continuous-Flow Reactors. <i>Chemistry - A European Journal</i> , 2018, 24, 9385-9392.	3.3	10
23	Novel Ecdysteroids from <i>Serratula wolffii</i> . <i>Scientific World Journal</i> , The, 2012, 2012, 1-5.	2.1	8
24	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> , 2013, 78-79, 183-189.	2.8	8
25	Discovery of 4-amino-3-arylsulfoquinolines, a novel non-acetylenic chemotype of metabotropic glutamate 5 (mGlu 5) receptor negative allosteric modulators. <i>European Journal of Medicinal Chemistry</i> , 2017, 133, 240-254.	5.5	8
26	Synthesis and $^1\text{H}$ NMR determination of new enantiopure dimethyl-substituted acridino-crown ethers containing a carboxyl group: Useful candidates for enantiomeric recognition studies. <i>Chirality</i> , 2017, 29, 522-535.	2.6	8
27	Cerebrosides and Steroids from the Edible Mushroom <i>Meripilus giganteus</i> with Antioxidant Potential. <i>Molecules</i> , 2020, 25, 1395.	3.8	8
28	Reaction of $[\text{Pt}_3(\mu_3\text{-CO})_3(\text{PCy}_3)_3]$ with tin dichloride. <i>Inorganic Chemistry Communication</i> , 2005, 8, 99-101.	3.9	7
29	AAPH or Peroxynitrite-Induced Biorelevant Oxidation of Methyl Caffate Yields a Potent Antitumor Metabolite. <i>Biomolecules</i> , 2020, 10, 1537.	4.0	7
30	Oxidative addition of $\text{Ph}_3\text{SnH}$ to $\text{Pt}_3(\mu_3\text{-CO})_3(\text{PR}_3)_3$ ( $\text{R}=\text{PCy}_3, \text{PtBu}_3$ ). <i>Inorganic Chemistry Communication</i> , 2004, 7, 935-937.	3.9	5
31	Linked Metal-cluster Systems: Isolation and Characterisation of $\{\text{anti}-[(\text{p-cymene})\text{RuCl}]_2(\mu_2\text{-P}, \mu_2\text{-P}^{\text{eq}}_1\text{-P}^{\text{ax}}_2)-(\text{PPh}_2\text{CH}_2)_3\text{CMe}]_2\text{-}[\text{AuPt}_3(\text{CO})_3(\text{PCy}_3)_3]\}(\text{PF}_6)_2$ . <i>Journal of Cluster Science</i> , 2008, 19, 295-309.	3.3	5
32	Inhibition of G Protein-Activated Inwardly Rectifying $\text{K}^+$ Channels by Extracts of <i>Polygonum persicaria</i> and Isolation of New Flavonoids from the Chloroform Extract of the Herb. <i>Planta Medica</i> , 2013, 79, 1736-1741.	1.3	5
33	Topical analgesic, anti-inflammatory and antioxidant properties of <i>Oxybaphus nyctagineus</i> : Phytochemical characterization of active fractions. <i>Journal of Ethnopharmacology</i> , 2014, 155, 776-784.	4.1	5
34	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> , 2014, 98, 279-286.	2.8	5
35	Discovery of dihydropyrazino-benzimidazole derivatives as metabotropic glutamate receptor-2 (mGluR2) positive allosteric modulators (PAMs). <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111881.	5.5	4
36	Experimental and theoretical study of intramolecular exchange in $\text{Ir}_2\text{Rh}_2(\text{CO})_{12}$ and $\text{Ir}_4(\text{CO})_{11}(\mu\text{-SO}_2)$ . <i>Dalton Transactions</i> , 2005, , 310-314.	3.3	3

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37	Computer-Assisted Structure Elucidation in NMR. , 2015, , 317-354.		3
38	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> , 2021, 81, 131827.	1.9	3
39	Diversity-oriented synthesis through gamma radiolysis: Preparation of unusual ecdysteroid derivatives activating Akt and AMPK in skeletal muscle cells. <i>Bioorganic Chemistry</i> , 2021, 112, 104951.	4.1	3
40	Chemical Analysis of the Edible Mushroom <i>Tricholoma populinum</i> : Steroids and Sulfinyladenosine Compounds. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	2
41	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> , 2018, 20, 411-418.	1.5	2
42	Structure Elucidation of a Mysterious Trace Component of Ulipristal Acetate. , 2015, , 355-365.		1
43	Fragment-Based Optimization of Dihydropyrazino-Benzimidazolones as Metabotropic Glutamate Receptor-2 Positive Allosteric Modulators against Migraine. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8607-8620.	6.4	1