

Zoltan Beni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	AAPH or Peroxynitrite-Induced Biorelevant Oxidation of Methyl Caffeate Yields a Potent Antitumor Metabolite. <i>Biomolecules</i> , 2020, 10, 1537.	4.0	7
6	Cerebrosides and Steroids from the Edible Mushroom <i>Meripilus giganteus</i> with Antioxidant Potential. <i>Molecules</i> , 2020, 25, 1395.	3.8	8
7	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
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	Bioactivity-Guided Isolation of Antimicrobial and Antioxidant Metabolites from the Mushroom <i>Tapinella atrotomentosa</i> . <i>Molecules</i> , 2018, 23, 1082.	3.8	25
10	Biomimetic Synthesis of Drug Metabolites in Batch and Continuous-Flow Reactors. <i>Chemistry - A European Journal</i> , 2018, 24, 9385-9392.	3.3	10
11	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
12	C8-selective biomimetic transformation of 5,7-dihydroxylated flavonoids by an acid-catalysed phenolic Mannich reaction: Synthesis of flavonoid alkaloids with quercetin and (â€“)epicatechin skeletons. <i>Tetrahedron</i> , 2017, 73, 1503-1510.	1.9	15
13	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
14	Synthesis of Urea Derivatives in Two Sequential Continuous-Flow Reactors. <i>Organic Process Research and Development</i> , 2017, 21, 611-622.	2.7	13
15	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
16	Synthesis and p <i>K</i> _a determination of new enantiopure dimethylâ€“substituted acridinoâ€“crown ethers containing a carboxyl group: Useful candidates for enantiomeric recognition studies. <i>Chirality</i> , 2017, 29, 522-535.	2.6	8
17	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
18	Biomimetic synthesis and HPLCâ€“ECD analysis of the isomers of dracocephins A and B. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2523-2534.	2.2	10

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19	Gymnopeptides A and B, Cyclic Octadecapeptides from the Mushroom <i>Gymnopus fusipes</i> . Organic Letters, 2016, 18, 2688-2691.	4.6	25
20	4-Aryl-3-arylsulfonyl-quinolines as negative allosteric modulators of metabotropic GluR5 receptors: From HTS hit to development candidate. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1249-1252.	2.2	16
21	Computer-Assisted Structure Elucidation in NMR. , 2015, , 317-354.		3
22	Structure Elucidation of a Mysterious Trace Component of Ulipristal Acetate. , 2015, , 355-365.		1
23	Sesquiterpenes from <i>Neurolaena lobata</i> and Their Antiproliferative and Anti-inflammatory Activities. Journal of Natural Products, 2014, 77, 576-582.	3.0	19
24	Topical analgesic, anti-inflammatory and antioxidant properties of <i>Oxybaphus nyctagineus</i> : Phytochemical characterization of active fractions. Journal of Ethnopharmacology, 2014, 155, 776-784.	4.1	5
25	Detection by HPLC and structural characterization by NMR and MS of a natural deuterium isotopologue of ulipristal acetate. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 279-286.	2.8	5
26	New oxidative decomposition mechanism of estradiol through the structural characterization of a minute impurity and its degradants. Journal of Pharmaceutical and Biomedical Analysis, 2013, 78-79, 183-189.	2.8	8
27	NMR and mass spectrometric characterization of vinblastine, vincristine and some new related impurities – Part I. Journal of Pharmaceutical and Biomedical Analysis, 2013, 84, 293-308.	2.8	16
28	Applicability of a Blood–Brain Barrier Specific Artificial Membrane Permeability Assay at the Early Stage of Natural Product-Based CNS Drug Discovery. Journal of Natural Products, 2013, 76, 655-663.	3.0	51
29	Raw Drone Milk of Honeybees Elicits Uterotrophic Effect in Rats: Evidence for Estrogenic Activity. Journal of Medicinal Food, 2013, 16, 404-409.	1.5	12
30	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. Planta Medica, 2013, 79, 1736-1741.	1.3	5
31	Structure elucidation of indole–indoline type alkaloids: A retrospective account from the point of view of current NMR and MS technology. Journal of Pharmaceutical and Biomedical Analysis, 2012, 69, 106-124.	2.8	22
32	Significant Activity of Ecdysteroids on the Resistance to Doxorubicin in Mammalian Cancer Cells Expressing the Human ABCB1 Transporter. Journal of Medicinal Chemistry, 2012, 55, 5034-5043.	6.4	56
33	Novel Ecdysteroids from <i>Serratula wolffii</i> . Scientific World Journal, The, 2012, 2012, 1-5.	2.1	8
34	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. Journal of Pharmaceutical and Biomedical Analysis, 2012, 59, 83-89.	2.8	18
35	Ecdysteroids from <i>Polypodium vulgare</i> L.. Steroids, 2011, 76, 1419-1424.	1.8	23
36	Synthesis and in Vitro Antitumor Effect of Vinblastine Derivative–Oligoarginine Conjugates. Bioconjugate Chemistry, 2010, 21, 1948-1955.	3.6	25

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37	Linked Metal-cluster Systems: Isolation and Characterisation of {anti-[(p-cymene)RuCl] μ_2 -[1,1'-Pâ€²â€²-(PPh ₂ CH ₂) ₃ CMe]-[AuPt ₃ (CO) ₃ (PCy ₃) ₃]}(PF ₆) ₂ . Journal of Cluster Science, 2008, 19, 295-309.	3.3	5
38	The changing role of NMR spectroscopy in off-line impurity identification: A conceptual view. TrAC - Trends in Analytical Chemistry, 2006, 25, 806-820.	11.4	29
39	Synthesis of some pentanuclear platinum clusters [Pt ₅ (CO) ₆ (L) ₄]. The X-ray structure of [Pt ₅ (μ_4 -CO) ₅ (CO)(PCy ₃) ₄]. Inorganica Chimica Acta, 2005, 358, 497-503.	2.4	13
40	Reaction of [Pt ₃ (μ_4 -CO) ₃ (PCy ₃) ₃] with tin dichloride. Inorganic Chemistry Communication, 2005, 8, 99-101.	3.9	7
41	Oxidative addition of iodo-acetonitrile and of elemental halogens to [Pt ₃ (μ -CO) ₃ (PCy ₃) ₃]. Dalton Transactions, 2005, , 315-325.	3.3	17
42	Experimental and theoretical study of intramolecular exchange in Ir ₂ Rh ₂ (CO) ₁₂ and Ir ₄ (CO) ₁₁ (μ -SO ₂). Dalton Transactions, 2005, , 310-314.	3.3	3
43	Oxidative addition of Ph ₃ SnH to Pt ₃ (μ_4 -CO) ₃ (PR ₃) ₃ (R=PCy ₃ , PtBu ₃). Inorganic Chemistry Communication, 2004, 7, 935-937.	3.9	5