

Milen G Bogdanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ionic liquid-supported solid-liquid extraction of bioactive alkaloids. II. Kinetics, modeling and mechanism of glaucine extraction from <i>Glaucium flavum</i> Cr. (Papaveraceae). <i>Separation and Purification Technology</i> , 2013, 103, 279-288.	3.9	65
2	Hydrophobic 3-alkyl-1-methylimidazolium saccharinates as extractants for L-lactic acid recovery. <i>Separation and Purification Technology</i> , 2014, 125, 239-246.	3.9	53
3	Ionic liquid-supported solid-liquid extraction of bioactive alkaloids. I. New HPLC method for quantitative determination of glaucine in <i>Glaucium flavum</i> Cr. (Papaveraceae). <i>Separation and Purification Technology</i> , 2012, 97, 221-227.	3.9	43
4	Ionic liquid-supported solid-liquid extraction of bioactive alkaloids. III. Ionic liquid regeneration and glaucine recovery from ionic liquid-aqueous crude extract of <i>Glaucium flavum</i> Cr. (Papaveraceae). <i>Separation and Purification Technology</i> , 2015, 155, 13-19.	3.9	39
5	A novel one-pot synthesis and preliminary biological activity evaluation of cis-restricted polyhydroxy stilbenes incorporating protocatechuic acid and cinnamic acid fragments. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 185-192.	2.6	35
6	New Guanidinium-based Room-temperature Ionic Liquids. Substituent and Anion Effect on Density and Solubility in Water. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 37-48.	0.3	33
7	Simple Prediction of Some Physical Properties of Ionic Liquids: The Residual Volume Approach. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 215-222.	0.3	29
8	cis/trans-Isochromanones. DMAP induced cycloaddition of homophthalic anhydride and aldehydes. <i>Tetrahedron</i> , 2004, 60, 2525-2530.	1.0	28
9	Ionic Liquids as Alternative Solvents for Extraction of Natural Products. <i>Green Chemistry and Sustainable Technology</i> , 2014, , 127-166.	0.4	25
10	One-pot synthesis and radical scavenging activity of novel polyhydroxylated 3-arylcoumarins. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 198-206.	2.6	22
11	The Residual Volume Approach II: Simple Prediction of Ionic Conductivity of Ionic Liquids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 756-764.	0.3	20
12	Empirical Polarity Parameters for Hexaalkylguanidinium-based Room-temperature Ionic Liquids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 791-797.	0.3	19
13	Ionic liquid-supported solid-liquid extraction of bioactive alkaloids. IV. New HPLC method for quantitative determination of galantamine in <i>Leucojum aestivum</i> L. (Amaryllidaceae). <i>Separation Science and Technology</i> , 2016, 51, 2691-2699.	1.3	17
14	Efficient purification of halide-based ionic liquids by means of improved apparatus for continuous liquid-liquid extraction. <i>Separation and Purification Technology</i> , 2018, 196, 57-60.	3.9	16
15	Analysis of acetylcholinesterase inhibitors by extraction in choline saccharinate aqueous biphasic systems. <i>Journal of Chromatography A</i> , 2018, 1559, 62-68.	1.8	15
16	New isochromans. 1. Synthesis and antimicrobial activity of 4-substituted (1 \pm)-spiro[benzo[<i>c</i>]pyran-3(4 <i>H</i>), 1'-cyclohexane]-1-ones. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 673-677.	1.4	12
17	Effect of two series ionic liquids based on non-nutritive sweeteners on catalytic activity and stability of the industrially important lipases from <i>Candida rugosa</i> and <i>Rhizopus delemar</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 117, 62-68.	1.8	12
18	Ionic Liquids as Thermal Energy Storage Materials: On the Importance of Reliable Data Analysis in Assessing Thermodynamic Data. <i>Journal of Solution Chemistry</i> , 2019, 48, 949-961.	0.6	12

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19	Preliminary Evaluation of Antimicrobial Activity of Diastereomeric cis/trans-3-Aryl(Heteroaryl)-3,4-dihydroisocoumarin-4-carboxylic Acids. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 477-482.	0.6	11
20	New Highly Diastereoselective Perkin/Michael Addition Domino Reaction between Homophthalic Anhydride and Aromatic Aldehydes: A Facile Approach to Blue-Fluorescent Dibenzo[<i>c,h</i>]chromenones. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 377-384.	1.2	11
21	Configuration and conformational equilibrium of (±)-trans-1-oxo-3-thiophen-2-yl-isochroman-4-carboxylic acid methyl ester. <i>Tetrahedron Letters</i> , 2004, 45, 8383-8386.	0.7	10
22	Orthoamide, LXIX [1]. Beiträge zur Synthese N,N,N',N',N''-peralkylierter Guanidine und N,N,N',N',N''-persubstituierter Guanidiniumsalze / Orthoamides, LXIX [1]. Contributions to the Synthesis of N, N, N', N', N''-peralkylated Guanidines and N, N, N', N', N''-persubstituted Guanidinium Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 873-906.	0.3	10
23	Synthesis and Antioxidant Activity of Polyhydroxylated trans-Restricted 2-Arylcinnamic Acids. <i>Molecules</i> , 2015, 20, 2555-2575.	1.7	10
24	Heat capacity of 1-hexadecyl-3-methylimidazolium based ionic liquids in solid and liquid phase. <i>Journal of Molecular Liquids</i> , 2020, 305, 112847.	2.3	10
25	Ionic Liquid-Based Aqueous Biphasic Systems: A Facile Approach for Ionic Liquid Regeneration from Crude Plant Extracts. <i>Processes</i> , 2015, 3, 769-778.	1.3	9
26	Distribution of N-Methylimidazole in Ionic Liquids/Organic Solvents Systems. <i>Processes</i> , 2017, 5, 52.	1.3	9
27	Phase transitions in higher-melting imidazolium-based ionic liquids: Experiments and advanced data analysis. <i>Journal of Molecular Liquids</i> , 2019, 292, 111222.	2.3	9
28	Partitioning of α-amylase in aqueous biphasic system based on hydrophobic and polar ionic liquid: Enzyme extraction, stripping, and purification. <i>Separation Science and Technology</i> , 2017, 52, 812-823.	1.3	8
29	Ionic liquid-assisted micellar extraction for the quantitative determination of sesquiterpenic acids in <i>Valeriana officinalis</i> L. (Caprifoliaceae). <i>Separation Science and Technology</i> , 2018, 53, 1230-1240.	1.3	5
30	trans-rac-[1-Oxo-2-phenethyl-3-(2-thienyl)-1,2,3,4-tetrahydroisoquinolin-4-yl]methyl 4-methylbenzenesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1955-o1956.	0.2	4
31	Recovery of radionuclides with ionic liquids. I. Selective extraction of ²⁴¹ Am. <i>Separation and Purification Technology</i> , 2021, 262, 118303.	3.9	4
32	Methyltrans-6-oxo-11-thiophen-2-yl-11,12-dihydro-6H-dibenzo[<i>c,h</i>]chromene-12-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3334-o3336.	0.2	2
33	trans-rac-2-Hexyl-1-oxo-3-(2-pyridyl)-1,2,3,4-tetrahydroisoquinoline-4-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2544-o2546.	0.2	1
34	Methyltrans-rac-2-hexyl-1-oxo-3-(2-pyridyl)-1,2,3,4-tetrahydroisoquinoline-4-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1932-o1932.	0.2	1
35	(S)-Methyl 2-[(3R,4R)-2-benzyl-3-(2-furyl)-1-oxo-1,2,3,4-tetrahydroisoquinoline-4-carboxamido]-3-(1H-indol-3-yl)propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1461-o1462.	0.2	1
36	cis/trans-Isochromanones. DMAP Induced Cycloaddition of Homophthalic Anhydride and Aldehydes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0

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37	($\hat{\pm}$)-Methyl 1-oxo-1H-spiro[benzo[c]pyran-3(4H),1 $\hat{\epsilon}$ -cyclohexane]-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1321-o1323.	0.2	0
38	Methyl 2-[(1-oxo-1H-isochromen-3-yl)methyl]benzoate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2824-o2824.	0.2	0
39	Methyltrans-($\hat{\pm}$)-1-oxo-2-phenethyl-3-(thiophen-2-yl)-1,2,3,4-tetrahydroisoquinoline-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1287-o1288.	0.2	0
40	3-(3,4-Dihydroxyphenyl)-8-hydroxy-2H-chromen-2-one. MolBank, 2015, 2015, M870.	0.2	0
41	Extraction of Natural Phenolic Compounds with ABS. Green Chemistry and Sustainable Technology, 2016, , 161-181.	0.4	0
42	Effect of Ionic Liquids on Activity and Stability of Enzymes. , 2019, , 1-5.		0
43	($\hat{\pm}$)-trans-6,7-Dimethoxy-1-oxo-3-(2-thienyl)isochroman-4-carboxylic acid. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1377-o1377.	0.2	0
44	Assessment of antioxidant properties of <i>Prunella vulgaris</i> . Makedonsko Farmaceutski Bilten, 2022, 66, 9-10.	0.0	0