

Dorota PrukaÅ,a

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New isomeric <i>N</i> -substituted hydrazones of 2-, 3- and 4-pyridinecarboxaldehydes. <i>Journal of Heterocyclic Chemistry</i> , 1998, 35, 381-387.	1.4	57
2	Time-resolved spectroscopy of the singlet excited state of betanin in aqueous and alcoholic solutions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18152-18158.	1.3	39
3	Acid-Base Equilibria of Lumichrome and its 1-Methyl, 3-Methyl, and 1,3-Dimethyl Derivatives. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7474-7490.	1.1	35
4	Azodicarboxylate-free esterification with triphenylphosphine mediated by flavin and visible light: method development and stereoselectivity control. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6809-6817.	1.5	30
5	New compounds via Mannich reaction of cytosine, paraformaldehyde and cyclic secondary amines. <i>Tetrahedron Letters</i> , 2006, 47, 9045-9047.	0.7	23
6	Spectroscopy and photophysics of dimethyl-substituted alloxazines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 148-160.	2.0	23
7	Photophysical properties of betaxanthins: miraxanthin - insight into the excited-state deactivation mechanism from experiment and computations. <i>RSC Advances</i> , 2017, 7, 6411-6421.	1.7	23
8	Flavin Photocatalysts for Visible-Light [2+2] Cycloadditions: Structure, Reactivity and Reaction Mechanism. <i>ChemCatChem</i> , 2018, 10, 849-858.	1.8	23
9	Photophysical properties of betaxanthins: Vulgaxanthin I in aqueous and alcoholic solutions. <i>Journal of Luminescence</i> , 2015, 167, 289-295.	1.5	21
10	Photophysical properties of indicaxanthin in aqueous and alcoholic solutions. <i>Dyes and Pigments</i> , 2015, 113, 634-639.	2.0	20
11	Chemical quenching of singlet oxygen by betanin. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 872-878.	1.6	15
12	Chromatography of Biologically Active Chlorides of (<i>E</i>)- <i>N</i> - <i>o</i> - <i>m</i> - or <i>Tj</i> ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (<i>i</i>) Technologies, 2008, 31, 2612-2620.	0.5	14
13	Analytics of Quinine and its Derivatives. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 139-145.	1.8	12
14	Ultrafast internal conversion in neobetainin in comparison to betacyanins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 602-610.	2.0	11
15	Mass spectrometry of <i>N</i> -substituted amino acids and their derivatives: Correlation of the abundances of the <i>M</i> ⁺ and selected fragment ions of metamers. <i>Organic Mass Spectrometry</i> , 1994, 29, 347-353.	1.3	8
16	Isotachopheresis of Chosen Biologically Active (<i>E</i>)-Azastilbenes. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2193-2202.	0.5	7
17	Influence of pH on photophysical properties of (<i>E</i>)-1-(4-chlorobenzyl)-4-(4-hydroxystyryl)pyridinium chloride. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1454-1464.	1.6	7
18	Spectroscopy and Photophysics of Monomethyl-Substituted Derivatives of 5-Deazaalloxazine and 10-Ethyl-5-Deaza-Isoalloxazine. <i>Journal of Fluorescence</i> , 2014, 24, 505-521.	1.3	7

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19	Electron ionisation and electrospray ionisation mass spectrometric study of a series of isomeric methyl-, dimethyl- and trimethylalloxazines. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 409-416.	0.7	6
20	The effects of pH and hydrogen bonds on photophysical properties of N-(4-bromobenzyl) substituted hydroxystilbazolium hemicyanine and merocyanine. <i>Dyes and Pigments</i> , 2014, 108, 126-139.	2.0	6
21	Influence of pH on spectral and photophysical properties of 9-methyl-5-deazaalloxazine and 10-ethyl-5-deaza-isoalloxazine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 275, 12-20.	2.0	6
22	Isomorphism in 1-(2-halidobenzyl)-4-[(E)-2-(3-hydroxyphenyl)ethenyl]pyridinium halide hemihydrates (halide = Cl, Br). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o269-o271.	0.4	5
23	NEW METHODOLOGY OF SEPARATION AND DETERMINATION OF BIOLOGICALLY ACTIVE ISOMERS OF NITROBENZYL AZASTILBENE DERIVATIVES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 761-769.	0.5	5
24	Photophysical properties of izomeric N-chlorobenzyl substituted (E)-2-(3- or 4-hydroxy-4-stilbazolium chlorides in alcohols. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 6981.	1.3	5
25	Photophysics, Excited-State Double-Proton Transfer and Hydrogen-bonding Properties of 5-Deazaalloxazines. <i>Photochemistry and Photobiology</i> , 2014, 90, 972-988.	1.3	5
26	Study of photophysical properties of 5-deazaalloxazine and 1,3-dimethyl-5-deazaalloxazine in dependence of pH using different spectral techniques. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18729-18741.	1.3	5
27	Influence of water on photophysical properties of N-bromobenzyl- or nitrobenzyl derivatives of substituted 4-hydroxystilbazolium hemicyanines. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1670-1679.	1.6	4
28	Determination of Quinine, Quinidine, and Cinquinidine by Capillary Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 886-890.	0.5	4
29	Synthesis and physicochemical properties of new fluorescent derivatives of cytosine. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 337-344.	1.4	3
30	Synthesis and physicochemical properties of new 1N-(o- and p-) bromobenzyl substituted derivatives of 5-(aminodialkyl)methylcytosine. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 1207-1211.	1.4	3
31	Separation of Biologically Active Isomers of Nitroazastilbenes by the HPLC Technique. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 2784-2793.	0.5	3
32	Electron ionization mass spectrometric study of substituted alloxazine-5-oxides and isoalloxazine-5-oxide. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 619-628.	0.7	3
33	Electron ionization and electrospray ionization mass spectrometric study of a series of isomeric N-chloro(or bromo)benzyl substituted (E)-2-(3- or 4-hydroxy-4-stilbazole halides). <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1059-1065.		
34	New Generation Terminating Electrolyte for Electrophoretic Analysis of Ionic Substances. <i>Critical Reviews in Analytical Chemistry</i> , 2012, 42, 343-348.	1.8	3
35	UV-vis spectroscopy combined with azastilbene probe as a tool for testing basicity of mesoporous silica modified with nitrogen compounds. <i>Applied Catalysis A: General</i> , 2019, 570, 339-347.	2.2	3
36	Electron ionization mass spectrometric study of N-substituted hydrazones of isomeric hydroxybenzaldehydes and isomeric pyridinecarboxaldehydes bearing an N-(E)-stilbenyloxyalkylcarbonyltryptophyl substituent. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1965-1968.	0.7	2

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37	Determination of Quinine and its Derivatives with High-Performance Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 625-628.	0.5	2
38	Electron ionization mass spectrometry in the analysis of metameric derivatives of cytosine. Rapid Communications in Mass Spectrometry, 2006, 20, 517-520.	0.7	1
39	Letter: Electron Impact Mass Spectrometry Study of a Series of Substituted 5-Aminoalkylmethyl-Cytosines and Their 1-(<i>o</i> -, <i>m</i> - and <i>p</i> -)Bromobenzyl-Substituted Derivatives. European Journal of Mass Spectrometry, 2007, 13, 427-432.	0.5	1
40	SUCCESSFUL SEPARATION AND DETERMINATION OF ISOMERS OF CYTOSINE DERIVATIVES FOR HPLC. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2172-2181.	0.5	1
41	Spectroscopy and photophysics of trimethyl-substituted derivatives of 5-deazaalloxazine. Experimental and theoretical approaches. Journal of Molecular Structure, 2015, 1079, 139-146.	1.8	1
42	OPTIMIZATION OF SEPARATION AND DETERMINATION OF HYDROXYSTILBAZOLE BENZYL DERIVATIVES BY ITP TECHNIQUE. Journal of Liquid Chromatography and Related Technologies, 2009, 33, 250-258.	0.5	0