

Roman Z Lytvyn

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polymorphism of derivatives of <i>tert</i> -butyl substituted acridan and perfluorobiphenyl as sky-blue OLED emitters exhibiting aggregation induced thermally activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13179-13189.	5.5	51
2	<i>N</i> , <i>O</i> -Conjugated 4-Substituted 1,3-Thiazole BF ₂ Complexes: Synthesis and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2018, 83, 1095-1105.	3.2	38
3	Dual Interface Exciplex Emission of Quinoline and Carbazole Derivatives for Simplified Nondoped White OLEDs. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2386-2397.	3.1	32
4	High-triplet-level phthalimide based acceptors for exciplexes with multicolor emission. <i>Dyes and Pigments</i> , 2019, 162, 872-882.	3.7	26
5	W-shaped bipolar derivatives of carbazole and oxadiazole with high triplet energies for electroluminescent devices. <i>Dyes and Pigments</i> , 2018, 149, 812-821.	3.7	25
6	Dihydro-2 <i>H</i> -thiopyran-3(4 <i>H</i>)-one-1,1-dioxide – a versatile building block for the synthesis of new thiopyran-based heterocyclic systems. <i>New Journal of Chemistry</i> , 2018, 42, 1403-1412.	2.8	21
7	The intramolecular Diels-Alder vinylfuran (IMDAV) reaction: a short approach to aza-analogues of pinguisane-type sesquiterpenes. <i>Tetrahedron Letters</i> , 2015, 56, 4499-4501.	1.4	18
8	Carbazolyl-substituted quinazolinones as high-triplet-energy materials for phosphorescent organic light emitting diodes. <i>Dyes and Pigments</i> , 2017, 142, 394-405.	3.7	18
9	Easy construction of furo[2,3- <i>f</i>]isoindole core by the IMDAV reaction between 3-(furyl)allylamines and α,β -unsaturated acid anhydrides. <i>Tetrahedron</i> , 2016, 72, 2239-2253.	1.9	14
10	Derivatives of carbazole and chloropyridine exhibiting aggregation induced emission enhancement and deep-blue delayed fluorescence. <i>Dyes and Pigments</i> , 2018, 149, 588-596.	3.7	14
11	Exciplex-Forming Systems of Physically Mixed and Covalently Bonded Benzoyl-1 <i>H</i> -1,2,3-Triazole and Carbazole Moieties for Solution-Processed White OLEDs. <i>Journal of Organic Chemistry</i> , 2022, 87, 4040-4050.	3.2	13
12	The intramolecular Diels-Alder vinylthiophen (IMDAV) reaction: An easy approach to thieno[2,3- <i>f</i>]isoindole-4-carboxylic acids. <i>Tetrahedron Letters</i> , 2017, 58, 4103-4106.	1.4	9
13	Multifunctional derivatives of donor-substituted perfluorobiphenyl for OLEDs and optical oxygen sensors. <i>Dyes and Pigments</i> , 2021, 193, 109493.	3.7	8
14	5-Aryl-2-furaldehydes in the synthesis of tetrahydropyrimidinones by Biginelli reaction. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 545-549.	1.2	6
15	Oximes as products in the reactions of 5-substituted 2-nitrothiophenes with arylacetonitriles. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1371-1374.	2.6	5
16	A simple and convenient synthesis of 3-arylpyran-2-ones via the Meerwein reaction. <i>Tetrahedron Letters</i> , 2016, 57, 118-121.	1.4	5
17	4-(Diethylamino)salicylaldehyde-based twin compounds as NLO-active materials. <i>Dyes and Pigments</i> , 2016, 134, 244-250.	3.7	3
18	(4 <i>R</i> *,4 <i>a</i> <i>R</i> *,7 <i>a</i> <i>S</i> *)-5-Oxo-6-phenyl-4 <i>H</i> -5,6,7,7 <i>a</i> ,8-hexahydro-4 <i>H</i> -furo[2,3- <i>f</i>]isoindole-4-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o273-o274.	0.2	2

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19	1-{5-[2-Chloro-5-(trifluoromethyl)phenyl]thiophen-2-yl}ethanone. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o585-o585.	0.2	1
20	Synthesis, crystal structure and Hirshfeld surface analysis of (4-methylphenyl)[1-(pentafluorophenyl)-5-(trifluoromethyl)-1 <i>H</i> -1,2,3-triazol-4-yl]methanone. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1067-1071.	0.5	1