Mykhalichko Borys

List of Publications by Year
in descending order

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36 papers	235 citations	1305906 8 h-index	1181555 14 g-index
36 all docs	36 docs citations	36 times ranked	224 citing authors

#	Article	IF	Citations
1	Development and thermal behavior of a new type of polymer materials with reduced combustibility based on epoxyâ€“amine composites modified with copper(II) hexafluorosilicate. Journal of Thermal Analysis and Calorimetry, 2022, 147, 2197-2207.	2.0	1
2	Flame Protection Technologies for Wood: Developing and Testing for Fire of Timbers with a Flame-retardant Coating Based on the Epoxy-amine Composite Modified by Copper(II) Hexafluorosilicate. Periodica Polytechnica: Chemical Engineering, 2022, 66, 304-312.	0.5	2
3	The effect of short circuits and flame temperature modes on the change in the microstructure of copper in automotive wiring. Engineering Failure Analysis, 2022, 136, 106198.	1.8	4
4	Zwitterionic Ї€-coordination compounds of copper(I) with monosubstituted alkynes: synthesis, crystal and electronic structure of two copper(I) halide Ї€-complexes with 4-amino-1-propargylpyridinium. Journal of Coordination Chemistry, 2021, 74, 955-968.	0.8	0
5	A new copper(II) chelate complex with polyamines as fire retardant and epoxy hardener: Synthesis, crystal and electronic structure, and thermal behavior of (ethylenediamine-N,Nâ€²)-(diethylenetriamine-N,Nâ€²,Nâ€³)-copper(II) hexafluoridosilicate. Arabian Journal of Chemistry, 2020, 13, 3060-3069.	2.3	6
6	New copper(II)â€coordinated epoxyâ€amine polymers with flameâ€selfâ€extinguishment properties: Elaboration, combustibility testing, and flame propagation rate measuring. Fire and Materials, 2020, 44, 825-834.	0.9	3
7	Novel CuSiF6-coordinated epoxyâ€“amine composites with reduced combustibility: Elaboration, thermal-oxidative behavior, and ignition susceptibility. Polymer Bulletin, 2020, , 1.	1.7	0
8	New water-based fire extinguishant: Elaboration, bench-scale tests, and flame extinguishment efficiency determination by cupric chloride aqueous solutions. Fire Safety Journal, 2019, 105, 188-195.	1.4	11
9	The Effect of Preparation Technology and the Complexing on the Service Properties of Self-extinguishing Copper(II) Coordinated Epoxy-amine Composites for Pouring Polymer Floors. International Journal of Technology, 2019, 10, 290.	0.4	6
10	Principles of controlled effects on performance properties of self-extinguishing epoxy-amine composites modified by copper(II) carbonate. Voprosy Khimii I Khimicheskoi Tekhnologii, 2019, , 58-64.	0.1	1
11	Tuning the properties for the self-extinguishing epoxy-amine composites containing copper-coordinated curing agent: Flame tests and physicalâ€“mechanical measurements. Reactive and Functional Polymers, 2018, 129, 95-102.	2.0	9
12	Metalâ€coordinated epoxy polymers with suppressed combustibility. Preparation technology, thermal degradation, and combustibility test of new epoxyâ€amine polymers containing the curing agent with chelated copper(<scp>II</scp>) carbonate. Fire and Materials, 2018, 42, 266-277.	0.9	9
13	DFT study on thermochemistry of the combustion of self-extinguishing epoxy-amine composites modified by copper(II) sulfate. Voprosy Khimii I Khimicheskoi Tekhnologii, 2018, , 42-48.	0.1	2
14	Synthesis, crystal and molecular-electronic structure, and kinetic investigation of two new sterically hindered isomeric forms of the dimethyl[methyl(phenylsulfonyl)amino]benzenesulfonyl chloride. Journal of Molecular Structure, 2017, 1137, 1-8.	1.8	2
15	Synthesis, structural, and thermal characterization of a new binuclear copper(II) chelate complex bearing an amine-hardener for epoxy resins. Journal of Coordination Chemistry, 2016, 69, 2666-2676.	0.8	10
16	A new flame retardant on the basis of diethylenetriamine copper(II) sulfate complex for combustibility suppressing of epoxy-amine composites. Fire Safety Journal, 2016, 80, 30-37.	1.4	20
17	A new copper(II) chelate complex with tridentate ligand: Synthesis, crystal and molecular electronic structure of aqua-(diethylenetriamine-N, Nâ€², Nâ€²â€²)-copper(II) sulfate monohydrate and its fire retardant properties. Journal of Molecular Structure, 2015, 1095, 34-41.	1.8	13
18	Zwitterionic copper(I) Ї€-complexes with monosubstituted alkynes. Synthesis and X-ray diffraction study of a Ї€-complex of copper(I) chloride with 4-ethynyl-4-hydroxy-2,2,6,6-tetramethylpiperidinium chloride. Russian Journal of Inorganic Chemistry, 2012, 57, 52-56.	0.3	1

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19	Effect of the Nature of Second-Sphere Cation on the Architecture of Crystalline Ï€-Complexes Ca[CuCl2(HOCH2Câ‰¡CCH2OH)]2.4H2O and (C7H5N2H2)[CuCl2(HOCH2Câ‰¡CCH2OH)]. Journal of Structural Chemistry, 2010, 51, 696-702.	0.3	1
20	Ï€-complexes of copper(I) with but-2-yne-1,4-diol. Synthesis and crystal structure of the anionic Ï€-complex (PipH2)[CuCl2(HOCH2Câ‰¡CCH2OH)]2 Â· H2O ((PipH2)2+ is the Piperazinium Cation). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 307-311.	0.3	1
21	Copper(I) Ï€-Complexes with 2-Butyne-1,4-diol. Synthesis and Crystal Structure of Na[CuCl2(HOCH2Câ‰¡CCH2OH)]Â·2H2O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 626-628.	0.6	5
22	Copper(I) Ï€-complexes with 2-butyne-1,4-diol. Synthesis and crystal structure of (2-AmpH)[CuCl2(HOCH2Câ‰¡CCH2OH)] (2-AmpH+ is 2-aminopyridinium cation). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 619-623.	0.3	0
23	Ï€-Complexes of Copper(I) with Terminal Alkynes. Synthesis and Crystal Structure of [(HCâ‰¡CCH2NH3)(Cu2Br3)] Ï€-Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 306-309.	0.6	6
24	Copper(I) complexes with 2-butyne-1,4-diol: Synthesis and crystal structure of the anionic Ï€-complex		