

Elisabeta I Szerb

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Hybrid Nanoparticles as Theranostics Platforms for Glioblastoma Treatment: Phototherapeutic and X-ray Phase Contrast Tomography Investigations. <i>Journal of Nanotheranostics</i> , 2022, 3, 1-17.	1.7	1
2	Heteroleptic Cu(II) saccharin complexes: intriguing coordination modes and properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3342-3353.	3.0	5
3	Vibrational and Nuclear Magnetic Resonance Properties of 2,2'-Biquinolines: Experimental and Computational Spectroscopy Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 2404-2412.	0.9	1
4	A Presentation of Ionic Liquids as Lubricants: Some Critical Comments. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5677.	1.3	14
5	Graphene Quantum Dots and Cu(I) Liquid Crystal for Advanced Electrochemical Detection of Doxorubicin in Aqueous Solutions. <i>Nanomaterials</i> , 2021, 11, 2788.	1.9	10
6	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(II) coordination complexes: an experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2021, 10, 115-125.	2.7	11
7	A Luminescent, Water-Soluble Ir(III) Complex as a Potential Photosensitizer for Two-Photon Photodynamic Therapy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11596.	1.3	1
8	Luminescent Supramolecular Nano- or Microstructures Formed in Aqueous Media by Amphiphile-Noble Metal Complexes. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-24.	1.5	6
9	Highly Sensitive Non-Enzymatic Detection of Glucose at MWCNT-CuBTC Composite Electrode. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8419.	1.3	10
10	Playing with Pt(II) and Zn(II) Coordination to Obtain Luminescent Metallomesogens. <i>Chemistry - A European Journal</i> , 2020, 26, 4850-4860.	1.7	7
11	Silica-Coated Magnetic Nanocomposites for Pb ²⁺ Removal from Aqueous Solution. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2726.	1.3	48
12	Amphiphiles-metals interactions for applications in modern technologies: recent developments and future perspectives. <i>Revue Roumaine De Chimie</i> , 2020, 65, 647-671.	0.4	1
13	The role of 4-nitrobenzoic acid polymorphs in the crystallization process of organic acid-base multicomponent systems. <i>CrystEngComm</i> , 2019, 21, 6038-6047.	1.3	7
14	Amphiphiles as novel solvents for photochromics: stability and photophysical properties. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 684, 24-36.	0.4	2
15	Cu(I) Coordination Complex Precursor for Randomized CuOx Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection. <i>Sensors</i> , 2019, 19, 5353.	2.1	10
16	Thermal and kinetics studies of primary, secondary and tertiary alkanolammonium salts of 4-nitrobenzoic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 1409-1418.	2.0	10
17	New heteroleptic Zn(II) and Cu(II) complexes with quercetine and N ^N ligands. <i>Polyhedron</i> , 2018, 147, 120-125.	1.0	18
18	Highly stable surfactant-crumb rubber-modified bitumen: NMR and rheological investigation. <i>Road Materials and Pavement Design</i> , 2018, 19, 1192-1202.	2.0	23

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19	Influence of the counterion on the geometry of Cu(I) and Cu(II) complexes with 1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2018, 470, 342-351.	1.2	15
20	Bisubstituted-biquinoline Cu(<i>i</i>) complexes: synthesis, mesomorphism and photophysical studies in solution and condensed states. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10073-10082.	2.7	19
21	Quantitative evaluation of organosilane-based adhesion promoter effect on bitumen-aggregate bond by contact angle test. <i>International Journal of Adhesion and Adhesives</i> , 2017, 72, 117-122.	1.4	24
22	Plasmon-mediated cancer phototherapy: the combined effect of thermal and photodynamic processes. <i>Nanoscale</i> , 2017, 9, 19279-19289.	2.8	33
23	Rheological and photophysical investigations of chromonic-like supramolecular mesophases formed by luminescent iridium(III) ionic complexes in water. <i>Liquid Crystals</i> , 2017, 44, 880-888.	0.9	18
24	3,5-Disubstituted-2-(2-pyridylpyrroles) Ir(III) complexes: Structural and photophysical characterization. <i>Journal of Organometallic Chemistry</i> , 2015, 786, 55-62.	0.8	12
25	Mononuclear Cu(II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties. <i>Liquid Crystals</i> , 2015, 42, 1139-1147.	0.9	6
26	Multifunctional material based on ionic transition metal complexes and gold-silica nanoparticles: Synthesis and photophysical characterization for application in imaging and therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 396-404.	1.7	21
27	Liquid Crystalline and Luminescent Behavior of Lanthanide Complexes Composed of Terbium or Europium and Dendritic Amphiphile. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 605, 70-81.	0.4	1
28	Orotate containing anionic luminescent iridium(III) complexes and their use in soft salts. <i>Dalton Transactions</i> , 2014, 43, 784-789.	1.6	21
29	The potential of the F127-water soft system towards selective solubilisation of iridium(III) octahedral complexes. <i>Soft Matter</i> , 2014, 10, 6783-6790.	1.2	1
30	Unconventionally shaped chromonic liquid crystals formed by novel silver(<i>i</i>) complexes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8780-8788.	2.7	13
31	Ionic-pair effect on the phosphorescence of ionic iridium(III) complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 307-313.	0.8	16
32	Chromonic-Like Physical Luminescent Gels Formed by Ionic Octahedral Iridium(III) Complexes in Diluted Water Solutions. <i>Advanced Optical Materials</i> , 2013, 1, 844-854.	3.6	24
33	Anionic cyclometallated iridium(III) complexes containing substituted bivalent ortho-hydroquinones. <i>Inorganic Chemistry Communication</i> , 2013, 37, 80-83.	1.8	15
34	Cyclopalladated 3,5-Disubstituted 2-(2-pyridyl)pyrroles Complexed to 8-Hydroxyquinoline or 4-Hydroxyacridine. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2188-2194.	1.0	12
35	2,2'-Bipyridine Zn(ii) complexes: effect of the 4,4'-substituents on the crystalline solid state properties. <i>New Journal of Chemistry</i> , 2013, 37, 1486.	1.4	13
36	Soft Luminescent Materials Based on Ag(I) Coordination Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 573, 34-45.	0.4	7

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37	“Green light” for Zn(ii) mesogens. RSC Advances, 2012, 2, 9071.	1.7	17
38	Thermotropic iridium(III)-based liquid crystal in amphiphilic environment. Soft Matter, 2012, 8, 11661.	1.2	16
39	Tuning solid state luminescent properties in a hydrogen bonding-directed supramolecular assembly of bis-cyclometalated iridium(iii) ethylenediamine complexes. Dalton Transactions, 2012, 41, 4919.	1.6	29
40	Luminescence mechanochromism in cyclometalated Ir(iii) complexes containing picolylamine. Dalton Transactions, 2012, 41, 8899.	1.6	41
41	Self-incorporation of a luminescent neutral iridium(iii) complex in different mesoporous micelle-templated silicas. New Journal of Chemistry, 2011, 35, 141-148.	1.4	25
42	2,2'-Biquinolines as test pilots for tuning the colour emission of luminescent mesomorphic silver(i) complexes. Dalton Transactions, 2011, 40, 4614.	1.6	43
43	Europium(III) and Terbium(III) Luminescent Lanthanidomesogens. Molecular Crystals and Liquid Crystals, 2011, 549, 86-99.	0.4	5
44	Red to Green Switch Driven by Order in an Ionic IrIII Liquid-Crystalline Complex. European Journal of Inorganic Chemistry, 2010, 2010, 3270-3277.	1.0	64
45	Highly luminescent bis-cyclometalated iridium(iii) ethylenediamine complex: synthesis and correlation between the solid state polymorphism and the photophysical properties. Dalton Transactions, 2010, 39, 1709.	1.6	31
46	Room temperature columnar mesomorphism and high quantum yield phosphorescence in ionic ruthenium(ii) 2,2'-bipyridine-based complexes. Journal of Materials Chemistry, 2009, 19, 7643.	6.7	25
47	Anion dependent mesomorphism in coordination networks based on 2,2'-bipyridine silver(i) complexes. Dalton Transactions, 2009, , 7381.	1.6	25
48	Structural Variations in Bipyridine Silver(I) Complexes: Role of the Substituents and Counterions. Crystal Growth and Design, 2008, 8, 3114-3122.	1.4	55
49	Silver Coordination Complexes as Room-Temperature Multifunctional Materials. Chemistry - A European Journal, 2006, 12, 6738-6747.	1.7	59
50	Induction of Columnar Mesomorphism in Tetracoordinated Ionic Silver(I) Complexes Based on Chelate 4,4'-Disubstituted 2,2'-Bipyridines. European Journal of Inorganic Chemistry, 2005, 2005, 2457-2463.	1.0	44
51	Supramolecular Columnar Mesomorphism Induced by Silver(I) Coordination of 2,2'-bipyridine-4,4'-diamides. Molecular Crystals and Liquid Crystals, 2005, 441, 251-260.	0.4	12