KreÅ¡imir MolÄanov

List of Publications by Year
in descending order

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68	1,124	361413	477307
papers	citations	20 h-index	29 g-index

69	69	69	1138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxalamide-Bridged Ferrocenes: Conformational and Gelation Properties and In Vitro Antitumor Activity. Organometallics, 2022, 41, 920-936.	2.3	7
2	Semiconductive 2D arrays of pancake-bonded oligomers of partially charged TCNQ radicals. IUCrJ, 2022, 9, 449-467.	2.2	1
3	Novel ferrocene imide derivatives: synthesis, conformational analysis and X-ray structure. Heliyon, 2022, 8, e09470.	3.2	2
4	Nitrochloranilic acid: a novel asymmetrically substituted quinoid bridging ligand for design of coordination polymers. CrystEngComm, 2021, 23, 2304-2315.	2.6	3
5	Charge density studies of multicentre two-electron bonding of an anion radical at non-ambient temperature and pressure. IUCrJ, 2021, 8, 644-654.	2.2	8
6	Humidity-Sensing Properties of an 1D Antiferromagnetic Oxalate-Bridged Coordination Polymer of Iron(III) and Its Temperature-Induced Structural Flexibility. Materials, 2021, 14, 5543.	2.9	3
7	Homo- and heterometallic oxalate-based complexes obtained using [Cr(C2O4)3]3â€“ building block â€“ two polymorphs of a solvate. Polyhedron, 2021, 211, 115556.	2.2	1
8	Conformational Preferences and Antiproliferative Activity of Peptidomimetics Containing Methyl 1â€²-Aminoferrocene-1-carboxylate and Turn-Forming Homo- and Heterochiral Pro-Ala Motifs. International Journal of Molecular Sciences, 2021, 22, 13532.	4.1	3
9	Two-Electron Multicenter Bonding (â€˜Pancake Bondingâ€™) in Dimers of 5,6-Dichloro-2,3-dicyanosemiquinone (DDQ) Radical Anions. Crystal Growth and Design, 2020, 20, 5435-5443.	3.0	8
10	Analysis of supramolecular interactions directing crystal packing of novel mononuclear chloranilate-based complexes: Different types of hydrogen bonding and Ï€-stacking. Polyhedron, 2020, 189, 114723.	2.2	0
11	Structural, Electrical, and Magnetic Versatility of the Oxalate-Based [CuFe] Compounds Containing 2,2â€²:6â€²,2â€³-Terpyridine: Anion-Directed Synthesis. Inorganic Chemistry, 2020, 59, 18078-18089.	4.0	10
12	Magnetic and Electrical Behaviors of the Homo- and Heterometallic 1D and 3D Coordination Polymers Based on the Partial Decomposition of the [Cr(C2O4)3]3â^' Building Block. Materials, 2020, 13, 5341.	2.9	8
13	A simple and easy to perform synthetic route to functionalized thienyl bicyclo[3.2.1]octadienes. Beilstein Journal of Organic Chemistry, 2020, 16, 1092-1099.	2.2	3
14	Pancake-bonding of semiquinone radicals under variable temperature and pressure conditions. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 285-291.	1.1	9
15	Towards understanding Ï€-stacking interactions between non-aromatic rings. IUCrJ, 2019, 6, 156-166.	2.2	60
16	A Crystallographic Charge Density Study of the Partial Covalent Nature of Strong Nâ‹…â‹…â‹…Br Halogen Bonds. Angewandte Chemie - International Edition, 2019, 58, 15702-15706.	13.8	41
17	A Crystallographic Charge Density Study of the Partial Covalent Nature of Strong Nâ‹…â‹…â‹…Br Halogen Bonds. Angewandte Chemie, 2019, 131, 15849-15853.	2.0	11
18	Contribution of Different Crystal Packing Forces in Ï€-Stacking: From Noncovalent to Covalent Multicentric Bonding. Crystal Growth and Design, 2019, 19, 5967-5980.	3.0	40

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19	Influence of organic cations on the stacking of semiquinone radical anions. CrystEngComm, 2019, 21, 6920-6928.	2.6	9
20	Ladder-like [CrCu] coordination polymers containing unique bridging modes of [Cr(C₂O₄)₃]^{3â^'} and Cr₂O₇^{2â^'}. Dalton Transactions, 2019, 48, 7891-7898.	3.3	13
21	Malleable Electronic Structure of Chloranilic Acid and Its Species Determined by X-ray Charge Density Studies. Crystal Growth and Design, 2019, 19, 2802-2810.	3.0	18
22	Nitranilic acid as a basis for construction of coordination polymers: from discrete monomers to 3D networks. CrystEngComm, 2019, 21, 2962-2969.	2.6	8
23	Dimensionality controlled by light exposure: 1D versus 3D oxalate-bridged [CuFe] coordination polymers based on an [Fe(C₂O₄)₃]^{3â^'} metallotecton. Inorganic Chemistry Frontiers, 2019, 6, 3327-3335.	6.0	14
24	Supramolecular Architecture of Chloranilate Salts with Organic Cations. Croatica Chemica Acta, 2019, 92, 297-305.	0.4	0
25	Partially Covalent Two-Electron/Multicentric Bonding between Semiquinone Radicals. Crystal Growth and Design, 2019, 19, 391-402.	3.0	29
26	Stereokemija na drugi naÄin. Kemija U Industriji, 2019, 68, 41-47.	0.3	0
27	Pancake Bonding in Ï€â€Stacked Trimers in a Salt of Tetrachloroquinone Anion. Chemistry - A European Journal, 2018, 24, 8292-8297.	3.3	26
28	Probing semiconductivity in crystals of stable semiquinone radicals: organic salts of 5,6-dichloro-2,3-dicyanosemiquinone (DDQ) radical anions. CrystEngComm, 2018, 20, 1862-1873.	2.6	18
29	IodideÂ·Â·Â·Ï€ Interactions of Perhalogenated Quinoid Rings in Co-crystals with Organic Bases. Crystal Growth and Design, 2018, 18, 5182-5193.	3.0	19
30	Alkali Salts of Nitranilic and Cyanochloranilic Acids. Croatica Chemica Acta, 2018, 91, .	0.4	4
31	Synthesis of marine alkaloids leucettamines B and C by Î²-lactam ring rearrangement. Synthetic Communications, 2017, 47, 764-770.	2.1	8
32	Experimental evidence of a 3-centre, 2-electron covalent bond character of the central Oâ€“Hâ€“O fragment on the Zundel cation in crystals of Zundel nitranilate tetrahydrate. CrystEngComm, 2017, 19, 3898-3901.	2.6	11
33	Helically Chiral Peptides That Contain Ferroceneâ€1,1â€²â€diamine Scaffolds as a Turn Inducer. Chemistry - A European Journal, 2017, 23, 10372-10395.	3.3	19
34	Multifunctionality and size of the chloranilate ligand define the topology of transition metal coordination polymers. New Journal of Chemistry, 2017, 41, 6785-6794.	2.8	25
35	Synthesis and theoretical investigation of some new 4-substituted flavylium salts. Food Chemistry, 2017, 229, 688-694.	8.2	7
36	Spin pairing, electrostatic and dipolar interactions influence stacking of radical anions in alkali salts of 4,5-dichloro-3,6-dioxocyclohexa-1,4-diene-1,2-dicarbonitrile (DDQ). CrystEngComm, 2017, 19, 1801-1808.	2.6	15

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37	Fine Tuning of Ï€-Stack Separation Distances of Semiquinone Radicals Affects Their Magnetic and Electric Properties. Crystal Growth and Design, 2016, 16, 4777-4782.	3.0	24
38	From mononuclear to linear one-dimensional coordination species of copper(<scp>ii</scp>)â€“chloranilate: design and characterization. RSC Advances, 2016, 6, 62785-62796.	3.6	20
39	A polar/Ï€ model of interactions explains face-to-face stacked quinoid rings: a case study of the crystal of potassium hydrogen chloranilate dihydrate. CrystEngComm, 2015, 17, 8645-8656.	2.6	9
40	Magnetic order in a novel 3D oxalate-based coordination polymer {[Cu(bpy)₃][Mn₂(C₂O₄)₃]Â·H₂O}_n. Dalton Transactions, 2015, 44, 20626-20635.	3.8	12
41	Conjugates of 1'-Aminoferrocene-1-carboxylic Acid and Proline: Synthesis, Conformational Analysis and Biological Evaluation. Molecules, 2014, 19, 12852-12880.	3.8	12
42	Spin-coupling in dimers of 2,3-dicyano-5,6-dichlorosemiquinone radical anions in the crystalline state. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 181-190.	1.1	16
43	Functionalization of the benzobicyclo[3.2.1]octadiene skeleton via photocatalytic oxygenation of thiophene and furan derivatives: The impact of the type and position of the heteroatom. Journal of Molecular Structure, 2014, 1063, 83-91.	3.6	13
44	A Bismuth(III) Coordination Polymer With Pyridine-2,3-dicarboxylic Acid as Precursor for Preparation of Bi2O3 Nanoparticles via Thermal Decomposition. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 507-513.	0.6	13
45	Nitranilic acid hexahydrate, a novel benchmark system of the Zundel cation in an intrinsically asymmetric environment: spectroscopic features and hydrogen bond dynamics characterised by experimental and theoretical methods. Physical Chemistry Chemical Physics, 2014, 16, 998-1007.	2.8	14
46	1D Heterometallic Oxalate Compounds as Precursors for Mixed Caâ€“Cr Oxides â€“ Synthesis, Structures, and Magnetic Studies. European Journal of Inorganic Chemistry, 2014, 2014, 5703-5713.	2.0	20
47	A 3D Oxalate-Based Network as a Precursor for the CoMn₂O₄ Spinel: Synthesis and Structural and Magnetic Studies. Inorganic Chemistry, 2014, 53, 9633-9643.	4.0	52
48	A novel type of coordination mode of chloranilic acid leading to the formation of polymeric coordination ribbon in the series of mixed-ligand copper(<scp>ii</scp>) complexes with 1,10-phenanthroline. Dalton Transactions, 2014, 43, 7208-7218.	3.3	22
49	Design, Synthesis, and Xâ€ray Structural Analyses of Diamantane Diammonium Salts: Guests for Cucurbit[n]uril (CB[n]). European Journal of Organic Chemistry, 2014, 2014, 2533-2542.	2.4	22
50	Hydrogen bonding topology influences gelating properties of malonamides. Structural Chemistry, 2013, 24, 597-609.	2.0	5
51	Stacking of metal chelating rings with Ï€-systems in mononuclear complexes of copper(ii) with 3,6-dichloro-2,5-dihydroxy-1,4-benzoquinone (chloranilic acid) and 2,2â€²-bipyridine ligands. Dalton Transactions, 2013, 42, 15756.	3.3	37
52	Face-to-face stacking of dianionic quinoid rings in crystals of alkali salts of 2,5-dihydroxyquinone in view of Ï€-system polarization. CrystEngComm, 2013, 15, 135-143.	2.6	14
53	Synthesis and photochemical transformations of new butadiene chromophores: The influence of the nature and position of chlorine substituent on the photoinduced behaviour. Journal of Molecular Structure, 2013, 1051, 1-14.	3.6	12
54	Two new dinuclear complexes with dipicolinate and bridging 2-aminopyrazine ligands: preparation, structural, spectroscopic, and thermal characterizations. Journal of Coordination Chemistry, 2012, 65, 3449-3457.	2.2	8

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55	Temperature induced reversible structural and magnetic changes in a crystal of tetrachlorosemiquinone anion radical. CrystEngComm, 2012, 14, 7958.	2.6	29
56	Face-to-face stacking of quinoid rings of alkali salts of bromanilic acid. Acta Crystallographica Section B: Structural Science, 2012, 68, 57-65.	1.8	10
57	Face-to-face Ï€-stacking in the multicomponent crystals of chloranilic acid, alkali hydrogenchloranilates, and water. CrystEngComm, 2011, 13, 4211.	2.6	46
58	Synthesis, Photochemistry, and Photophysics of Butadiene Derivatives: Influence of the Methyl Group on the Molecular Structure and Photoinduced Behavior. Journal of Organic Chemistry, 2011, 76, 8641-8657.	3.2	12
59	Stabilisation of tetrabromo- and tetrachlorosemiquinone (bromanil and chloranil) anion radicals in crystals. CrystEngComm, 2011, 13, 5170.	2.6	30
60	A Partial Proton Transfer in Hydrogen Bond Oâ^'HÂ·Â·Â·O in Crystals of Anhydrous Potassium and Rubidium Complex Chloranilates. Journal of Physical Chemistry A, 2011, 115, 3154-3166.	2.5	23
61	Conformational disorder of dioxane ring in a crystal of 2,5-di(isopropylamide)-3,4-ethylenedioxythiophene. Journal of Molecular Structure, 2011, 987, 174-179.	3.6	3
62	New mononuclear oxalate complexes of copper(II) with 2D and 3D architectures: Synthesis, crystal structures and spectroscopic characterization. Polyhedron, 2010, 29, 1291-1298.	2.2	19
63	Salts and co-crystals of chloranilic acid with organic bases: is it possible to predict a salt formation?. CrystEngComm, 2010, 12, 925-939.	2.6	54
64	Photochemistry of Ï‰-(o-vinylphenyl)-Ï‰â€²-(phenyl/2-furyl) butadienes: New approach to 4-substituted benzobicyclo[3.2.1]octadienes. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 207, 190-196.	3.9	23
65	Ï€-Stacking of quinoid rings in crystals of alkali diaqua hydrogen chloranilates. CrystEngComm, 2009, 11, 1407.	2.6	22
66	Synthesis and Characterization of Dicyclopalladated Complexes of Azobenzene Derivatives by Experimental and Computational Methods. Inorganic Chemistry, 2008, 47, 10446-10454.	4.0	33
67	2D and 3D supramolecular assemblies of double cyclopalladated azobenzenes realized by Câ€“Hâ‹¯Clâ€“Pd, Ï€â‹¯Ï€ and Câ€“Hâ‹¯Ï€ interactions. Journal of Organometallic Chemistry, 2007, 692, 3874-3881.	1.8	20
68	An unusual intermolecular interaction between a lone pair and an electron-rich Ï€-electron system of a quinoid dianion. Crystal Growth and Design, 0, , .	3.0	1