

Boris-Marko Kukovec

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6980412/boris-marko-kukovec-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

632
citations

13
h-index

21
g-index

62
ext. papers

688
ext. citations

2.8
avg, IF

3.81
L-index

#	Paper	IF	Citations
61	Self-Assembly of Cobalt(II) Coordination Polymers with Differently Halosubstituted Nicotinate Ligands and 4,4'-Bipyridine: The Effect of the Halosubstituent Positions on Polymer Types. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1470-1480	2.3	3
60	Chalcogen S π Bonding in Supramolecular Assemblies of Cadmium(II) Coordination Polymers with Pyridine-Based Ligands. <i>Crystals</i> , 2021 , 11, 697	2.3	0
59	Structural and Electrochemical Studies of Cobalt(II) and Nickel(II) Coordination Polymers with 6-Oxonicotinate and 4,4'-Bipyridine. <i>Chemosensors</i> , 2021 , 9, 352	4	1
58	The first coordination compound of 6-fluoro-nicotinate: the crystal structure of a one-dimensional nickel(II) coordination polymer containing the mixed ligands 6-fluoro-nicotinate and 4,4'-bi-pyridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 500-505	0.7	4
57	Synthesis and crystal structure of a 6-chloro-nicotinate salt of a one-dimensional cationic nickel(II) coordination polymer with 4,4'-bi-pyridine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 599-604	0.7	2
56	The first coordination compound of deprotonated 2-bromo-nicotinic acid: crystal structure of a dinuclear paddle-wheel copper(II) complex. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 225-230	0.7	
55	Reversible Temperature-Stimulated Single-Crystal-to-Single-Crystal Conformational Polymorph Transformation in Cadmium(II) Coordination Trimer with a Water Vapor Sorption/Desorption Potential. <i>Crystal Growth and Design</i> , 2020 , 20, 401-413	3.5	3
54	A Two-Dimensional Barium(II) Coordination Polymer with Pyridinium-2,3-Dicarboxylate: Synthesis, Crystal Structure and Thermal Decomposition to Barium(II) Chloride Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 5209-5216	3.2	0
53	Copper(II) complexes with N π -methylsarcosinamide selective for human bladder cancer cells. <i>Inorganica Chimica Acta</i> , 2019 , 488, 312-320	2.7	4
52	A Design of Mercury(II) Coordination Polymers with Pyridinedicarboxylic Acids: Structural, Spectroscopic and Thermal Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 2080-2089	3.2	4
51	Copper(II) complexes with N-alkyliminodiacetamide ligands. Preparation, structural, spectroscopic and DFT studies and biological evaluation. <i>Inorganica Chimica Acta</i> , 2018 , 471, 521-529	2.7	2
50	New coordination modes of iminodiacetamide type ligands in palladium(II) complexes: crystallographic and DFT studies. <i>Structural Chemistry</i> , 2018 , 29, 195-206	1.8	3
49	Building inorganic supramolecular architectures using principles adopted from the organic solid state. <i>IUCrJ</i> , 2018 , 5, 13-21	4.7	13
48	Mechanically Responsive Crystalline Coordination Polymers with Controllable Elasticity. <i>Angewandte Chemie</i> , 2018 , 130, 15017-15021	3.6	14
47	Mechanically Responsive Crystalline Coordination Polymers with Controllable Elasticity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14801-14805	16.4	53
46	Hydrogen-Bonded Frameworks of Mercury(II) Complexes with Pyridinedicarboxylic Acids. <i>Australian Journal of Chemistry</i> , 2018 , 71, 455	1.2	1
45	Palladium(II) complexes with N-alkyliminodiacetic acid derivatives: Preparation, structural and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 2017 , 462, 64-74	2.7	4

44	Influence of the non-coordinating alkyl chain type in N-alkylated iminodiacetamides on the stability and structure of their complexes with nickel(II) and cobalt(II). <i>Polyhedron</i> , 2017 , 130, 115-126	2.7	8
43	Copper(II) perchlorate complexes with N-arylalkyliminodiacetamide ligands: X-ray structural, vibrational spectroscopic, DFT and thermogravimetric studies. <i>Inorganica Chimica Acta</i> , 2017 , 462, 57-63 ²⁻⁷	2.7	7
42	Directed Assembly of acac-Based Complexes by Deliberately Fine-Tuning Electrostatic Molecular-Recognition Events. <i>Crystal Growth and Design</i> , 2016 , 16, 7308-7317	3.5	11
41	Preparation and Characterization of Copper(II) and Nickel(II) Complexes with N-Benzyliminodiacetamide Derivatives. <i>Australian Journal of Chemistry</i> , 2016 , 69, 896	1.2	5
40	Two Different Barium(II) 2D Coordination Polymers Constructed with Pyrazine-2,3-Dicarboxylate: Synthesis, Crystal Structures, and Thermal Decomposition to Barium(II) Carbonate Nanoparticles. <i>Australian Journal of Chemistry</i> , 2016 , 69, 1261	1.2	4
39	Cobalt(II) and nickel(II) complexes with N-benzyl- and N-(p-nitrobenzyl)iminodiacetic acids. Structural and vibrational spectroscopic characterization and DFT study. <i>Inorganica Chimica Acta</i> , 2016 , 453, 95-103	2.7	6
38	A diversity of hydrogen bond motifs in the crystal structures of nickel(II) and copper(II) complexes with N-arylalkyliminodiacetamides. <i>Polyhedron</i> , 2015 , 93, 106-117	2.7	9
37	Preparation and characterization of palladium(II) complexes with N-arylalkyliminodiacetic acids. Catalytic activity of complexes in methoxycarbonylation of iodobenzene. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 224-230	2.3	7
36	Preparation, spectroscopic characterization, and crystal structure of a mixed-ligand silver(I) complex with 1,2,4-triazole-based Schiff base and triphenylphosphine. <i>Monatshefte Für Chemie</i> , 2014 , 145, 1753-1757	1.4	2
35	Deciphering the protonation and tautomeric equilibria of firefly oxyluciferin by molecular engineering and multivariate curve resolution. <i>Chemical Science</i> , 2013 , 4, 3803	9.4	49
34	The cerium(III) coordination polymer with mixed polycarboxylic acids. Preparation of the CeO ₂ nanoparticles by thermal decomposition of the polymer. <i>Inorganica Chimica Acta</i> , 2013 , 405, 368-373	2.7	18
33	Solvent-free synthesis and crystal structures of s-cis and s-trans N,N'-bis(2-hydroxycyclohexyl)ethane-1,2-diamine. <i>Structural Chemistry</i> , 2013 , 24, 81-88	1.8	2
32	Different coordination environments of iron(III) and pseudopolymorphism in complexes with dipicolinic acid and 2-amino-6-picoline. The influence of molar ratio and solvent type. <i>Polyhedron</i> , 2013 , 51, 316-322	2.7	12
31	Spectroscopic and structural insights into N-substituted pyridinium-4-aldoximes and their pentacyanoferrate(II) complexes. <i>Polyhedron</i> , 2013 , 52, 733-742	2.7	3
30	Nickel(II) complexes with N-arylalkyliminodiacetic acids: Preparation, spectroscopic, structural and thermal characterization. <i>Inorganica Chimica Acta</i> , 2013 , 400, 122-129	2.7	5
29	Synthesis, X-ray structural, IR spectroscopic, thermal and DFT studies of nickel(II) and copper(II) complexes with 3-methylpicolinic acid. UV-Vis spectrophotometric study of complexation in the solution. <i>Polyhedron</i> , 2013 , 52, 1349-1361	2.7	15
28	Vibrational spectroscopic and DFT calculation studies of cobalt(II) complexes with 3-hydroxypicolinic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 101, 273-82	4.4	6
27	Unique cadmium(II) dipicolinate coordination tetramers with different Cd(II) coordination environments and number of halide ions (Cl, Br). <i>Polyhedron</i> , 2012 , 34, 46-55	2.7	3

26	Structural preferences and isomerism in nickel(II) and copper(II) complexes with 3-hydroxypicolinic acid. <i>Polyhedron</i> , 2012 , 39, 66-75	2.7	9
25	Preparation and Crystal Structure of Lead (II) Complex with Propane-1,2-Diamine. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 180-185	0.5	8
24	2D s-d Mixed-Metal Coordination Polymer Containing Potassium, Chromium(III) and Dipicolinate Ions: Preparation and Crystal Structure. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 290-294	0.5	8
23	Preparation, spectroscopic, structural, and thermal characterization of vanadium complexes with 2-quinaldic acid. <i>Monatshefte Für Chemie</i> , 2012 , 143, 1471-1477	1.4	5
22	Structural and DFT Studies on the Polymorphism of a Cadmium(II) Dipicolinate Coordination Polymer. <i>Crystal Growth and Design</i> , 2012 , 12, 456-465	3.5	18
21	Synthesis and Characterization of a Copper(II) Complex with 6-Hydroxypicolinic Acid and 3-Picoline. <i>Croatica Chemica Acta</i> , 2012 , 85, 479-483	0.8	8
20	Preparation, structural, spectroscopic, thermal and DFT characterization of cadmium(II) complexes with quinaldic acid. <i>Inorganica Chimica Acta</i> , 2011 , 378, 154-162	2.7	13
19	Hydrothermal Preparation, Crystal Structures, Spectroscopic and Thermal Analyses of Cadmium(II) and Cobalt(II) Coordination Polymers With Pyridine-2,3-dicarboxylic Acid. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011 , 21, 450-457	3.2	13
18	Preparation, structural and thermal characterization of cobalt(II) and copper(II) complexes with 3-hydroxypicolinamide. <i>Transition Metal Chemistry</i> , 2011 , 36, 65-71	2.1	4
17	Preparation, Structural and Spectroscopic Characterization of Vanadium(IV) and Vanadium(V) Complexes with Dipicolinic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 2157-2162	1.3	9
16	A unique example of a co-crystal of [Ag(atr) ₂][Cr(dipic) ₂] (dipic=dipicolinate; atr=3-amino-1H-1,2,4-triazole) and dinuclear [Cr(H ₂ O)(dipic)(OH)] ₂ , with different coordination environment of Cr(III) ions. <i>Polyhedron</i> , 2011 , 30, 1114-1119	2.7	36
15	A Rare Example of a Dinuclear Cobalt(II) Complex with Dipicolinate and Bridging 2-Aminopyrazine Ligands. Preparation, Structural, Spectroscopic and Thermal Characterization. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011 , 66, 813-818	1	5
14	Preparation and structural, spectroscopic, thermal, and electrochemical characterizations of iron(III) compounds containing dipicolinate and 2-aminopyrimidine or acridine. <i>Journal of Coordination Chemistry</i> , 2011 , 64, 1718-1728	1.6	32
13	Disappearing and Concomitant Polymorphism of Nickel(II) Complexes with 6-Hydroxypicolinic Acid. Structural and Density Functional Theory Studies. <i>Crystal Growth and Design</i> , 2010 , 10, 3685-3693	3.5	14
12	Cis/Trans isomerism in cobalt(II) complexes with 3-hydroxypicolinic acid. Structural, DFT and thermal studies. <i>Inorganica Chimica Acta</i> , 2010 , 363, 1887-1896	2.7	12
11	Pseudopolymorphism in nickel(II) complexes with 6-bromopicolinic acid. Synthesis, structural and thermal studies. <i>Journal of Molecular Structure</i> , 2009 , 930, 121-125	3.4	7
10	Polymorphism of cobalt(II) complex with 6-bromopicolinic acid: The influence of the solution pH value on the formation of polymorphs. <i>Journal of Molecular Structure</i> , 2009 , 938, 174-178	3.4	11
9	Synthesis, structural, spectroscopic and thermal characterization of cobalt complexes with 3- and 6-methylpicolinic acid. Voltammetric and spectrophotometric study in solution. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2704-2714	2.7	16

- 8 Pseudopolymorphism in Nickel(II) Complexes with 6-Methylpicolinate. Synthesis, Structural, Spectroscopic, Thermal, and Density Functional Theory Studies. *Crystal Growth and Design*, **2008**, 8, 3465-3473^{3,5} 23
- 7 Synthesis and characterization of copper(II) complexes with 3-methylpicolinic acid. Crystal and molecular structure of bis(3-methylpicolinato-N, O)(4-picoline)copper(II). *Journal of Coordination Chemistry*, **2008**, 61, 3092-3101 1.6 13
- 6 Synthesis and characterization of some novel cadmium(II) complexes with 3-hydroxypicolinic acid (3-OHpicH): Crystal and molecular structures of [CdI(3-OHpic)(3-OHpicH)(H₂O)]₂, [Cd(3-OHpic)₂(H₂O)₂] and [Cd(3-OHpic)₂]_n. *Polyhedron*, **2008**, 27, 1479-1488 2.7 6
- 5 3D supramolecular architectures of copper(II) complexes with 6-methylpicolinic and 6-bromopicolinic acid: Synthesis, spectroscopic, thermal and magnetic properties. *Polyhedron*, **2008**, 27, 3631-3638 2.7 46
- 4 Synthesis and structure of cobalt(II) complexes with hydroxyl derivatives of pyridinecarboxylic acids: Conformation analysis of ligands in the solid state. *Journal of Molecular Structure*, **2008**, 882, 47-53^{3,4} 23
- 3 trans-Bis(dimethyl sulfoxide-kappaO)bis(3-oxo-3,4-dihydroquinoxaline-2-carboxylato-kappa2N1,O2)copper(II). *Acta Crystallographica Section C: Crystal Structure Communications*, **2007**, 63, m181-3
- 2 A one-dimensional CdII coordination polymer: catena-poly[cadmium(II)-bis(mu-6-methylpicolinato)]. *Acta Crystallographica Section C: Crystal Structure Communications*, **2007**, 63, m389-91 5
- 1 A new coordination mode of 6-methylnicotinic acid in trans-tetraaquabis(6-methylpyridine-3-carboxylato-kappaO)cobalt(II) tetrahydrate. *Acta Crystallographica Section C: Crystal Structure Communications*, **2007**, 63, m615-7 5