

Vladimir StilinoviÄ

List of Publications by Year in descending order

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papers

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257357

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#	ARTICLE	IF	CITATIONS
1	Schiff bases derived from hydroxyaryl aldehydes: molecular and crystal structure, tautomerism, quinoid effect, coordination compounds. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2013, 29, 117.	0.2	99
2	Design of Lead(II) Metal-Organic Frameworks Based on Covalent and Tetrel Bonding. <i>Chemistry - A European Journal</i> , 2015, 21, 17951-17958.	1.7	93
3	Halogen and Hydrogen Bonding between (<i>N</i> -Halogeno)succinimides and Pyridine Derivatives in Solution, the Solid State and In Silico. <i>Chemistry - A European Journal</i> , 2017, 23, 5244-5257.	1.7	72
4	Pb-X (X = N, S, I) tetrel bonding interactions in Pb(<i>ii</i>) complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , 2018, 20, 2812-2821.	1.3	63
5	Green and rapid mechanosynthesis of high-porosity NU- and UiO-type metal-organic frameworks. <i>Chemical Communications</i> , 2018, 54, 6999-7002.	2.2	63
6	Benzyl Dihydrazone versus Thiosemicarbazone Schiff Base: Effects on the Supramolecular Arrangement of Cobalt Thiocyanate Complexes and the Generation of CoN ₆ and CoN ₄ S ₂ Coordination Spheres. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4763-4772.	1.0	54
7	Salts and Co-Crystals of Gentisic Acid with Pyridine Derivatives: The Effect of Proton Transfer on the Crystal Packing (and Vice Versa). <i>Crystal Growth and Design</i> , 2012, 12, 5763-5772.	1.4	50
8	Crystal engineering strategies towards halogen-bonded metal-organic multi-component solids: salts, cocrystals and salt cocrystals. <i>CrystEngComm</i> , 2021, 23, 3063-3083.	1.3	50
9	Keto-enol tautomerism in asymmetric Schiff bases derived from <i>p</i> -phenylenediamine. <i>Journal of Molecular Structure</i> , 2010, 984, 232-239.	1.8	47
10	Comparison of isomeric <i>meta</i> - and <i>para</i> -diiodotetrafluorobenzene as halogen bond donors in crystal engineering. <i>New Journal of Chemistry</i> , 2018, 42, 10584-10591.	1.4	42
11	On the importance of Pb-X (X = O, N, S, Br) tetrel bonding interactions in a series of tetra- and hexa-coordinated Pb(<i>ii</i>) compounds. <i>CrystEngComm</i> , 2018, 20, 5033-5044.	1.3	41
12	A Crystallographic Charge Density Study of the Partial Covalent Nature of Strong Na...Br Halogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15702-15706.	7.2	41
13	Metal-organic and supramolecular lead(<i>ii</i>) networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. <i>CrystEngComm</i> , 2016, 18, 5375-5385.	1.3	40
14	Hydrogen Bonding in Pyridinium Picrates: From Discrete Ion Pairs to 3D Networks. <i>Crystal Growth and Design</i> , 2011, 11, 4110-4119.	1.4	34
15	Supramolecular Stabilization of Metastable Tautomers in Solution and the Solid State. <i>Chemistry - A European Journal</i> , 2014, 20, 17333-17345.	1.7	34
16	An Integrated Approach (Thermodynamic, Structural, and Computational) to the Study of Complexation of Alkali-Metal Cations by a Lower-Rim Calix[4]arene Amide Derivative in Acetonitrile. <i>Inorganic Chemistry</i> , 2012, 51, 6264-6278.	1.9	32
17	Control of Interpenetration in Two-Dimensional Metal-Organic Frameworks by Modification of Hydrogen Bonding Capability of the Organic Bridging Subunits. <i>Crystal Growth and Design</i> , 2015, 15, 1336-1343.	1.4	32
18	The halogen bonding proclivity of the ortho-methoxy-hydroxy group in cocrystals of <i>o</i> -vanillin imines and diiodotetrafluoro-benzenes. <i>CrystEngComm</i> , 2017, 19, 5576-5582.	1.3	32

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19	Bifurcated and Monocentric Halogen Bonds in Cocrystals of Metal(II) Acetylacetonates with p-Dihalotetrafluorobenzenes. <i>Crystal Growth and Design</i> , 2019, 19, 1245-1256.	1.4	30
20	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(II) halogenide-tetradentate Schiff base complexes. <i>CrystEngComm</i> , 2015, 17, 3493-3502.	1.3	29
21	Partially Covalent Two-Electron/Multicentric Bonding between Semiquinone Radicals. <i>Crystal Growth and Design</i> , 2019, 19, 391-402.	1.4	29
22	Pancake Bonding in π -Stacked Trimers in a Salt of Tetrachloroquinone Anion. <i>Chemistry - A European Journal</i> , 2018, 24, 8292-8297.	1.7	26
23	Halogenide anions as halogen and hydrogen bond acceptors in iodopyridinium halogenides. <i>CrystEngComm</i> , 2020, 22, 4039-4046.	1.3	26
24	Playing with Isomerism: Cocrystallization of Isomeric <i>N</i> -Salicylideneaminopyridines with Perfluorinated Compounds as Halogen Bond Donors and Its Impact on Photochromism. <i>Crystal Growth and Design</i> , 2018, 18, 6833-6842.	1.4	25
25	The Effect of Specific Solvent-Solute Interactions on Complexation of Alkali-Metal Cations by a Lower-Rim Calix[4]arene Amide Derivative. <i>Inorganic Chemistry</i> , 2013, 52, 12702-12712.	1.9	24
26	Fine Tuning of π -Stack Separation Distances of Semiquinone Radicals Affects Their Magnetic and Electric Properties. <i>Crystal Growth and Design</i> , 2016, 16, 4777-4782.	1.4	24
27	Inorganic-organic hybrid materials based on PbBr_2 and pyridine-hydrazone blocks: structural and theoretical study. <i>RSC Advances</i> , 2016, 6, 60385-60393.	1.7	24
28	Controlling Solvate Formation of a Schiff Base by Combining Mechano-chemistry with Solution Synthesis. <i>Croatica Chemica Acta</i> , 2012, 85, 485-493.	0.1	23
29	Chemical Crystallography before X-ray Diffraction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 638-652.	7.2	22
30	Halogen Bonding of <i>N</i> -Bromophthalimide by Grinding and Solution Crystallization. <i>Crystal Growth and Design</i> , 2018, 18, 1182-1190.	1.4	21
31	Aromatic versus Aliphatic Carboxyl Group as a Hydrogen Bond Donor in Salts and Cocrystals of an Asymmetric Diacid and Pyridine Derivatives. <i>Crystal Growth and Design</i> , 2017, 17, 5732-5743.	1.4	19
32	Iodide- π Interactions of Perhalogenated Quinoid Rings in Co-crystals with Organic Bases. <i>Crystal Growth and Design</i> , 2018, 18, 5182-5193.	1.4	19
33	New Tricks by Old Anions: Hydrogen Bonded Hexacyanoferrous Anionic Networks. <i>Crystal Growth and Design</i> , 2017, 17, 6793-6800.	1.4	18
34	Probing semiconductivity in crystals of stable semiquinone radicals: organic salts of 5,6-dichloro-2,3-dicyanosemiquinone (DDQ) radical anions. <i>CrystEngComm</i> , 2018, 20, 1862-1873.	1.3	18
35	Novel substituted 1-iminoisoindoline derivatives: Synthesis, structure determination and antiproliferative activity. <i>Journal of Molecular Structure</i> , 2011, 1006, 259-265.	1.8	17
36	Halogen-bonded cocrystals of <i>N</i> -salicylidene Schiff bases and iodoperfluorinated benzenes: hydroxyl oxygen as a halogen bond acceptor. <i>CrystEngComm</i> , 2018, 20, 5332-5339.	1.3	17

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37	Supramolecular Assemblies in Pb(II) Complexes with Hydrazido-Based Ligands. <i>Crystals</i> , 2019, 9, 323.	1.0	15
38	The effect of halogen bonding on protonated hexacyanoferrate networks in hexacyanoferrates of halogenopyridines. <i>CrystEngComm</i> , 2020, 22, 8142-8150.	1.3	15
39	Evaluation of Halogenopyridinium Cations as Halogen Bond Donors. <i>Crystal Growth and Design</i> , 2021, 21, 6889-6901.	1.4	14
40	Anticooperativity of Multiple Halogen Bonds and Its Effect on Stoichiometry of Cocrystals of Perfluorinated Iodobenzenes. <i>Crystal Growth and Design</i> , 2022, 22, 2644-2653.	1.4	14
41	V π O σ -C interactions in crystal structures of oxovanadium-coordination compounds. <i>New Journal of Chemistry</i> , 2013, 37, 619-623.	1.4	13
42	The Amine Group as Halogen Bond Acceptor in Cocrystals of Aromatic Diamines and Perfluorinated Iodobenzenes. <i>Crystals</i> , 2021, 11, 529.	1.0	13
43	Conservation of the Hydrogen-Bonded Pyridone Homosynthon in Halogen-Bonded Cocrystals. <i>Crystal Growth and Design</i> , 2022, 22, 987-992.	1.4	13
44	Morpholine adducts of Co, Ni, and Mn benzoylacetates: isostructurality and C σ -H σ \cdots O hydrogen bonding. <i>Structural Chemistry</i> , 2012, 23, 587-594.	1.0	12
45	<i>The synthesis, structure and catalytic properties of the [Mo₇O₂₄($\frac{1}{4}$-Mo₈O₂₆)Mo₇O₂₄]¹⁶⁻ and [Co(en)₃]₂[NaMo₇O₂₄]Cl\cdotnH₂O and (H₃O)[Co(en)₃]₂[Mo₇O₂₄]Cl\cdot9H₂O.</i>	1.6	12
46	A Crystallographic Charge Density Study of the Partial Covalent Nature of Strong N σ \cdots Br Halogen Bonds. <i>Angewandte Chemie</i> , 2019, 131, 15849-15853.	1.6	11
47	Halogen and Hydrogen Bond Motifs in Ionic Cocrystals Derived from 3-Halopyridinium Halogenides and Perfluorinated Iodobenzenes. <i>Crystal Growth and Design</i> , 2021, 21, 6044-6050.	1.4	11
48	Isostructural Halogen Exchange and Halogen Bonds: The Case of N-(4-Halogenobenzyl)-3-halogenopyridinium Halogenides. <i>Crystal Growth and Design</i> , 2022, 22, 1333-1344.	1.4	11
49	Inorganic bromine in organic molecular crystals: Database survey and four case studies. <i>Journal of Molecular Structure</i> , 2017, 1128, 400-409.	1.8	10
50	Stoichiometry of adamantylamine σ -trinitrophenol salts controlled by solvate formation. <i>CrystEngComm</i> , 2020, 22, 1822-1833.	1.3	10
51	Bis(morpholine) hydrogen bond pincer σ a novel series of heteroleptic Cu(ii) coordination compounds as receptors for electron rich guests. <i>CrystEngComm</i> , 2012, 14, 7493.	1.3	9
52	Tuning of coordination geometry via cooperation of inter- and intramolecular hydrogen bonds in bis(benzoylacetato)manganese(ii) adducts with pyridine derivatives. <i>CrystEngComm</i> , 2013, 15, 6585.	1.3	9
53	Structural and Thermodynamic Insight into Solid State Phase Transition Mechanism of a 1,3,3-Triketone. <i>Crystal Growth and Design</i> , 2013, 13, 1703-1711.	1.4	9
54	Influence of organic cations on the stacking of semiquinone radical anions. <i>CrystEngComm</i> , 2019, 21, 6920-6928.	1.3	9

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55	Supramolecular assembly of oxalatomolybdates controlled by the hydrogen bonding potential of Co(scp)-ammine cations. <i>CrystEngComm</i> , 2018, 20, 1889-1898.	1.3	8
56	Two tetrakis(benzoylacetato)lanthanide species: synthesis, characterization and structures of tetrakis(benzoylacetato)cerium(IV) and triethylammonium tetrakis(benzoylacetato)lanthanate(III) tetrahydrate. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2698-2708.	0.8	7
57	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.	1.2	7
58	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.	1.2	7
59	Tautomeric Equilibrium of an Asymmetric \hat{I}^2 -Diketone in Halogen-Bonded Cocrystals with Perfluorinated Iodobenzenes. <i>Crystals</i> , 2021, 11, 699.	1.0	7
60	Halogen Bonding in N-Alkyl-3-halogenopyridinium Salts. <i>Crystals</i> , 2021, 11, 1240.	1.0	7
61	Hydrothermal Reactions of $[\text{Co}^{\text{III}}(\text{C}_2\text{O}_4)_4(\text{NH}_3)_4]^+$ and Polyoxomolybdates: Depolymerization of Polyoxomolybdates and in Situ Reduction of Cobalt. <i>Crystal Growth and Design</i> , 2019, 19, 6763-6773.	1.4	6
62	Morpholine-N-carboxylate as a ligand in coordination chemistry – Syntheses and structures of three heteroleptic copper(ii) and zinc complexes. <i>Journal of Molecular Structure</i> , 2020, 1205, 127627.	1.8	6
63	Preparation and Characterization of Copper(II) and Nickel(II) Complexes with N-Benzyliminodiacetamide Derivatives. <i>Australian Journal of Chemistry</i> , 2016, 69, 896.	0.5	6
64	Halogen-Bonded Cocrystals of 1,3,5-Triiodo-2,4,6-trifluorobenzene and Structural Isomers of Benzoylpyridine. <i>Crystal Growth and Design</i> , 2022, 22, 3981-3989.	1.4	6
65	Comparative refinement of correct and incorrect structural models of tetrabutylammonium tetrabutylborate – pitfalls arising from poor-quality data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, 441-445.	0.3	5
66	<i>N</i> -Benzyl-3-nitroaniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3013-o3013.	0.2	5
67	Benzothiazolyl- and benzimidazolyl-substituted 1-iminoisoindolines: synthesis, mechanistic studies, and crystal structure determination. <i>Monatshefte für Chemie</i> , 2016, 147, 1825-1837.	0.9	5
68	The first adduct of bis(1,3-diphenyl-1,3-propanedionato)oxovanadium(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1920-m1922.	0.2	4
69	Teaching arithmetic in the Habsburg Empire at the end of the 18th century – A textbook example. <i>Historia Mathematica</i> , 2013, 40, 309-323.	0.2	4
70	Cobaloximes as Building Blocks in Halogen-Bonded Cocrystals. <i>Materials</i> , 2020, 13, 2370.	1.3	4
71	Mechanochemical synthesis of (poly)oxalatomolybdates: In situ reaction monitoring by PXRD. <i>Inorganica Chimica Acta</i> , 2019, 488, 80-85.	1.2	3
72	Directing role of the synthetic route on the self-assembly process of MoO_4^{2-} units to $\text{Mo}_7\text{O}_{24}^{6-}$ or $\text{Mo}_2\text{O}_7^{4-}$ ions. <i>Inorganica Chimica Acta</i> , 2020, 510, 119765.	1.2	3

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73	Conformational enantiomeric disorder in tripivaloylmethane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o353-o354.	0.4	2
74	Tetrapyridinecopper(I) hexafluoridophosphate(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1734-m1734.	0.2	2
75	Partial ordering of tripivaloylmethane at 110â€¦K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o450-o452.	0.4	2
76	Halogen and Hydrogen Bonding between (N -Halogeno)-succinimides and Pyridine Derivatives in Solution, the Solid State and in Silico. <i>Chemistry - A European Journal</i> , 2017, 23, 5175-5175.	1.7	2
77	Influence of intramolecular hydrogen bonding on structures and thermal stability of Cu(II) and Zn(II) Î²-diketonate adducts. <i>Journal of Molecular Structure</i> , 2021, 1246, 131130.	1.8	2
78	p-Cresyl cinnamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4347-o4347.	0.2	1
79	Predominance of the triketo tautomer in acyldipivaloylmethanes in solution and the solid state. <i>Journal of Molecular Structure</i> , 2014, 1063, 123-130.	1.8	1
80	Supramolecular reactivity in the solid state: step-wise assembly of ternary cocrystals through hydrogen and halogen bonding. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s114-s114.	0.0	1
81	The role of mono- and dicarboxylic acids in the building of oxomolybdates containing {MoO ₄ }, {Mo ₂ O ₅ }, {Mo ₂ O ₆ }, {Mo ₃ O ₈ }, {Mo ₅ O ₁₇ }, {Mo ₅ O ₁₈ }, {Mo ₈ O ₂₆ }, and {Mo ₁₂ O ₄₀ } units. <i>New Journal of Chemistry</i> , 2021, 45, 19764-19774.	1.4	1
82	Multicentric two-electron covalent bonding (pancake bonding) between semiquinone radicals determines bulk properties. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e80-e80.	0.0	1
83	Semiconductive 2D arrays of pancake-bonded oligomers of partially charged TCNQ radicals. <i>IUCr</i> , 2022, 9, 449-467.	1.0	1
84	Diisopropyl terephthalate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4487-o4487.	0.2	0
85	(R,S)-3-Carboxy-2-(isoquinolinium-2-yl)propanoate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1427-o1427.	0.2	0
86	History as a tool for a crystallographic storyteller. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s176-s176.	0.0	0
87	Design and fine-tuning of magnetic properties in organic salts of semiquinone radical. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s136-s136.	0.0	0
88	An Early Appearance of Nondecimal Notation in Secondary Education. <i>Mathematical Intelligencer</i> , 2020, 42, 50-54.	0.1	0
89	Polymorphs of phenazine hexacyanoferrate(II) hydrate: supramolecular isomerism in a 2D hydrogen-bonded network. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 211-218.	0.5	0
90	The influence of molecular dipoles on crystal packing of triacylmethanes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009, 65, s293-s293.	0.3	0

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91	Charge density of the semiquinone radical anion. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s90-s90.	0.0	0
92	A three-pronged approach to strong halogen bonds â€“ crystallographic, solution and computational study of N-halosuccinimide-pyridine complexes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s341-s341.	0.0	0
93	Cooperativity of halogen bonds â€“ enhancing halogen-bond donating ability of halogenated pyridines through halogen bonding with N-haloimides. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e335-e335.	0.0	0