

Yu V Torubaev

List of Publications by Year in descending order

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70
papers

539
citations

777949

13
h-index

939365

18
g-index

73
all docs

73
docs citations

73
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent mediated synthesis of homoleptic tri and tetranuclear nickel complex derived from $[\text{Ni}_2(\mu\text{-SeC}_5\text{H}_4\text{N})_2(\text{dppe})_2]^{2+}$ and theoretical studies. <i>Journal of Organometallic Chemistry</i> , 2022, 957, 122177.	0.8	2
2	Long-range supramolecular synthon polymorphism: a case study of two new polymorphic cocrystals of $\text{Ph}_2\text{Te}_2 \cdot 1,4\text{-C}_6\text{F}_4\text{I}_2$. <i>CrystEngComm</i> , 2022, 24, 1442-1452.	1.3	4
3	Stages of Kitaigorodsky Aufbau Principle Detached in the Cocrystals of Cp_2MX_2 (M = Ti, Zr; X = Cl, Br, I) with I^- - and I^- -Hole Donors. <i>Crystal Growth and Design</i> , 2022, 22, 1244-1252.	1.4	5
4	From weak to strong interactions: structural and electron topology analysis of the continuum from the supramolecular chalcogen bonding to covalent bonds. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8251-8259.	1.3	15
5	Long-Range Supramolecular Synthon Isomerism: Insight from a Case Study of Vinylic Tellurium Trihalides $\text{Cl}(\text{Ph})\text{C}=\text{C}(\text{Ph})\text{TeX}_3$ (X = Cl, I). <i>Chemistry</i> , 2022, 4, 196-205.	0.9	2
6	Halogen Bonding and CO-Ligand Blue-Shift in Hybrid Organic–Organometallic Cocrystals $[\text{CpFe}(\text{CO})_2\text{X}] (\text{C}_2\text{I}_4)$ (X = Cl, Br). <i>Crystals</i> , 2022, 12, 412.	1.0	1
7	Halogen vs. ionic bonding: an unusual isomorphism between the neutral $(\text{C}_5\text{Me}_5)_2\text{Fe}/\text{C}_2\text{I}_2$ cocrystal and ionic $[(\text{C}_5\text{Me}_5)_2\text{Fe}]\text{Br}_3$ crystal. <i>Mendeleev Communications</i> , 2021, 31, 58-61.	0.6	16
8	Crystals at a Carrefour on the Way through the Phase Space: A Middle Path. <i>Molecules</i> , 2021, 26, 1583.	1.7	5
9	The structural landscape of ferrocenyl polychalcogenides. <i>Journal of Organometallic Chemistry</i> , 2021, 951, 122006.	0.8	5
10	Electron compensating fragmentation of phenylethynyl ferrocenyltelluride in reactions with homoleptic metal carbonyls of Cr, Mo, W, Fe and Ru: Synthesis and structure of Te stabilized clusters. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122083.	0.8	0
11	Highly polar stacking interactions wrap inorganics in organics: lone-pair–hole interactions between the PdO_4 core and electron-deficient arenes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4965-4975.	3.0	15
12	Cluster core growth upon the decarbonylation of cyclopentadienyl-iron-dicarbonyl ferrocenyltelluride $\text{CpFe}(\text{CO})_2\text{TeFc}$: Fe_1Te_1 to Fe_3Te_3 . <i>Polyhedron</i> , 2020, 177, 114298.	1.0	3
13	Structure-defining interactions in the salt cocrystals of $[(\text{Me}_5\text{C}_5)_2\text{Fe}]^+ \text{XC}_6\text{H}_4\text{OH}^-$ (X = Cl, I): weak noncovalent vs. strong ionic bonding. <i>Mendeleev Communications</i> , 2020, 30, 580-582.	0.6	7
14	A new supramolecular heterosynthon $[\text{C}^{\text{I}}\text{O}^{\text{I}}(\text{carboxylate})]$ at work: engineering copper acetate cocrystals. <i>CrystEngComm</i> , 2020, 22, 6661-6673.	1.3	17
15	Chimeric supramolecular synthons in $\text{Ph}_2\text{Te}_2(\text{I})_2\text{Se}$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 579-584.	0.2	1
16	The borderline: exploring the structural landscape of triptycene in cocrystallization with ferrocene. <i>CrystEngComm</i> , 2020, 22, 1314-1320.	1.3	5
17	Unusual Formation of the Paramagnetic Complex $(\text{I}-\text{C}_4\text{Me}_4)\text{Co}_2(\text{PhTeI})$ and Specific Features of Its Electronic, Molecular, and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 850-856.	0.3	3
18	Halogen bonding in crystals of free 1,2-diiodo-ethene ($\text{C}_2\text{H}_2\text{I}_2$) and its I^- -complex $[\text{CpMn}(\text{CO})_2](\text{I}^-)\text{-C}_2\text{H}_2\text{I}_2$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 599-607.	0.4	13

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37	Mixed-valent ferrocenyltellurenyl halides. Synthesis, electrochemistry and unusual molecular structure. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 115-119.	0.8	10
38	Phenyltellurolate-bridged heterometallic complexes combining rhenium tricarbonyl with (dicarbonyl)(cyclopentadienyl)iron or bis(diphenylphosphino)ethaneplatinum. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014, 40, 611-616.	0.3	10
39	Stannylene complexes of manganese, iron, and platinum. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014, 40, 131-137.	0.3	13
40	Step-by-step transformations of ferrocenyltellurium complexes of Group VIB metal carbonyls. <i>Journal of Organometallic Chemistry</i> , 2014, 758, 55-59.	0.8	10
41	Synthesis and molecular structures of cyclopentadienyl sulfide complexes of chromium with cymantrenyl-thiolate bridging ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013, 39, 305-311.	0.3	3
42	Synthesis and molecular structure of mixed-metal stannylene derivatives of cyclopentadienyl(nitrosyl)(carbonyl) manganese. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 75-81.	0.8	4
43	Diphenyldichalcogenide complexes of iron, chromium and rhenium carbonyls. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012, 38, 724-732.	0.3	5
44	Organotellurium halides: New ligands for transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 709-721.	9.5	27
45	Metal-metal bond cleavage in $[\text{Cp}(\text{CO})_2\text{Fe}-\text{Fe}(\text{CO})_2\text{Cp}]$ under the action of organotellurium(IV)tribromides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012, 38, 219-223.	0.3	8
46	(Dicarbonyl)(η^5 -cyclohexadienyl)iron iodide, trichlorostannate, and tris(cymantrenecarboxylato)stannate: Synthesis and molecular structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 447-451.	0.3	7
47	Thiolate-bridged heterometallic complexes of manganese and platinum: Synthesis and molecular structures of $(\text{CO})_4\text{Mn}(\eta^5\text{-SPh})\text{Pt}(\text{PPh}_3)_2$, $(\text{CO})_3(\text{PPh}_3)\text{Mn}(\eta^5\text{-SPh})\text{Pt}(\text{PPh}_3)(\text{CO})$, and $(\text{CO})_3\text{Mn}(\eta^5\text{-SPh})\text{Pt}(\text{PPh}_3)(\text{Dppm})$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 613-618.	0.3	2
48	Synthesis and molecular structures of tris(thio- and selenophenyl)stannyl complexes of cyclopentadienylcarbonylnitrosylmanganese and their reaction products with tungsten carbonyl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 879-886.	0.3	5
49	Cyclodimerization of phenyliodoacetylene with elemental tellurium: New pathway to 1,3-ditellurofulvenes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 496-503.	0.8	4
50	Synthesis and molecular structure of $[\{(\text{CO})_3\text{RuBr}_2\}_2(\eta^5\text{-SePh})_2\text{Ru}(\text{CO})_4]$ cluster with a Ru_3Se_2 chain core. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 832-834.	0.8	2
51	Trichlorostannyl and tris(phenylacetylenide)stannyl complexes of manganese cyclopentadienylcarbonylnitrosyl: Synthesis and molecular structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010, 36, 284-288.	0.3	8
52	Synthesis and molecular structure of chlorostannyl derivatives of carbonyl(cyclopentadienyl)nitrosylmanganese. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010, 36, 490-496.	0.3	3
53	Complex of bis(triphenylphosphine)platinum(0) with but-2-yne-1,4-diol: Synthesis and molecular structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010, 36, 801-803.	0.3	0
54	Regio- and stereo-specific addition of organotellurium trihalides to ferrocenylacetylene: Molecular and crystal structure of (Z)-halovinyl organotellurium dihalides. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1300-1306.	0.8	15

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55	Synthesis and X-ray investigation of novel Fe and Mn phenyltellurenyl-halide complexes: (CO) ₃ FeBr ₂ (PhTeBr), (i-5-C ₅ H ₅)Fe(CO) ₂ (PhTel ₂) and CpMn(CO) ₂ (PhTel). <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1781-1785.	0.8	17
56	Synthesis and molecular structures of the cobalt complexes (i-4-C ₄ Me ₄)Co(CO) ₂ SnCl ₃ , (i-4-C ₄ Me ₄)Co(CO) ₂ (Tel ₂ Ph), and (i-4-C ₄ Me ₄)Co(CO) ₂ (TeBrPh) with the shortened Co-Sn and Co-Te bonds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 1-5.	0.3	8
57	Phenyltellurium halide complexes of iron cyclopentadienyl dicarbonyl: Synthesis and molecular structures of CpFe(CO) ₂ TePh, CpFe(CO) ₂ TeBr ₂ Ph, CpFe(CO) ₂ TeBrPh(i-1/4-Br)Br ₃ TePh, and PhTel ₃ (C ₄ H ₈ O). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 341-346.	0.3	10
58	Oxidative addition of the Mo-Cl bond to the Pt ⁰ complex. Synthesis and structure of Cp ² Mo(i-1/4-CO) ₂ (C ₂ Ph ₂)Pt ₂ (PPh ₃) ₂ (CO)Cl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 401-404.	0.3	1
59	Phenyltellurenyl halide complexes of ruthenium and rhenium (CO) ₂ RuBr ₂ (PhTeBr) ₂ and (CO) ₃ Re(PhTel) ₃ (i-1/4-3-I): Synthesis and crystal and molecular structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 807-811.	0.3	7
60	Synthesis and molecular structure of tricarbonyl(diphenyl ditelluride)diiodoiron (CO) ₃ Fe ₂ (Te ₂ Ph ₂) and tricarbonyldiiodo[iodo(phenyl)tellurido]iron (CO) ₃ Fe ₂ (PhTel): First example of the coordination of unstable PhTel to the transition metal atom. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 799-804.	0.3	9
61	(Z)-diiodo(2-iodo-2-phenylvinyl)(phenyl)tellurium PhI ₂ C=CHTel ₂ Ph: Synthesis and complexing properties in a reaction with iron pentacarbonyl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 805-810.	0.3	10
62	Synthesis and molecular structure of cyclopentadienyl(nitrosyl)(carbonyl) thiolate CpMn(CO)(NO)Sn(SPh) ₃ with a manganese-tin bond. <i>Russian Journal of Inorganic Chemistry</i> , 2007, 52, 871-874.	0.3	1
63	Unexpected stabilization of the heterocyclic form of oxidized dithizone: Synthesis and molecular structures of chromium and tungsten 5-mercapto-2,3-diphenyltetrazolium pentacarbonyls. <i>Russian Journal of Inorganic Chemistry</i> , 2007, 52, 875-878.	0.3	5
64	Synthesis, molecular structures, and properties of heterometallic cobalt tetramethylcyclobutadiene complexes (C ₄ Me ₄)Co(CO) ₂ TePh, (C ₄ Me ₄)Co(CO) ₂ TePh[W(CO) ₅], and Me ₄ C ₄ Co(i-1/4-3-S) ₂ Cr ₂ Cp ₂ (i-1/4-SC ₄ H ₉). <i>Russian Chemical Bulletin</i> , 2007, 56, 1731-1735.	0.4	5
65	Formation of Pt-S-Mn groups in platinum triphenylphosphine complexes with cymanthrenylthiolate ligands. <i>Russian Chemical Bulletin</i> , 2005, 54, 1552-1556.	0.4	2
66	Title is missing!. <i>Russian Chemical Bulletin</i> , 2003, 52, 944-951.	0.4	5
67	Syntheses, molecular structures, and thermal decomposition of cyclopentadienyldicarbonylmanganese chalcogenide derivatives. <i>Russian Chemical Bulletin</i> , 2003, 52, 2689-2700.	0.4	5
68	Regularities of thermal decay of carbonyl chalcogenide metal clusters. <i>Russian Chemical Bulletin</i> , 2003, 52, 109-115.	0.4	3
69	Title is missing!. <i>Russian Chemical Bulletin</i> , 2001, 50, 2215-2220.	0.4	5
70	Synthesis and molecular structures of heterometallic complexes [RC ₅ H ₄ Fe(CO) ₂] ₂ Sn(TePh) ₂ and their adducts with chromium and tungsten carbonyls or with trimethylplatinum iodide. <i>Russian Chemical Bulletin</i> , 1999, 48, 1744-1750.	0.4	2