Vadim Y Kukushkin

List of Publications by Year
in descending order

323	11,600	31976	51608
papers	citations	53 h-index	86 g-index

339	339	339	5516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal Centers as Nucleophiles: Oxymoron of Halogen Bondâ€Involving Crystal Engineering. Chemistry - A European Journal, 2022, 28, .	3.3	41
2	Frontispiece: Metal Centers as Nucleophiles: Oxymoron of Halogen Bondâ€Involving Crystal Engineering. Chemistry - A European Journal, 2022, 28, .	3.3	5
3	Metal-Involving Halogen Bonding Including Gold(I) as a Nucleophilic Partner. The Case of Isomorphic Dichloroaurate(I)Â·Halomethane Cocrystals. Inorganic Chemistry, 2022, 61, 2558-2567.	4.0	10
4	Chameleonic metal-bound isocyanides: a Ï€-donating Cu^I-center imparts nucleophilicity to the isocyanide carbon toward halogen bonding. Inorganic Chemistry Frontiers, 2022, 9, 1655-1665.	6.0	13
5	Atom-economic synthesis of Î²-ketosulfones based on gold-catalyzed highly regioselective hydration of alkynylsulfones. Green Chemistry, 2022, 24, 3314-3320.	9.0	14
6	Diaryliodonium Tetracyanidometallates Self-Assemble into Halogen-Bonded Square-Like Arrays. Crystal Growth and Design, 2022, 22, 2749-2758.	3.0	5
7	Inorganicâ€“organic {d_{z²}-M^{II}S₄}â‹¯Ï€-hole stacking in reverse sandwich structures: the case of cocrystals of group 10 metal dithiocarbamates with electron-deficient arenes. Inorganic Chemistry Frontiers, 2022, 9, 2869-2879.	6.0	9
8	Zwitterionic iodonium species afford halogen bond-based porous organic frameworks. Chemical Science, 2022, 13, 5650-5658.	7.4	16
9	Photo- and Electroluminescent Neutral Iridium(III) Complexes Bearing Imidoylamidinate Ligands. Inorganic Chemistry, 2022, 61, 8670-8684.	4.0	5
10	Bifurcated Î¼₂-IÂ·Â·Â·(N,O) Halogen Bonding: The Case of (Nitrosoguanidinate)Ni^{II} Cocrystals with Iodine(I)-Based Ï*f*-Hole Donors. Crystal Growth and Design, 2021, 21, 588-596.	3.0	24
11	Bifurcated Halogen Bonding Involving Two Rhodium(I) Centers as an Integrated Ï*f*-Hole Acceptor. Jacs Au, 2021, 1, 354-361.	7.9	39
12	Cyclometalated Platinum(II) Complexes Simultaneously Catalyze the Cross-Linking of Polysiloxanes and Function as Luminophores. ACS Applied Polymer Materials, 2021, 3, 857-866.	4.4	23
13	2,5-Dibromothiophenes: Halogen Bond Involving Packing Patterns and Their Relevance to Solid-State Polymerization. Crystal Growth and Design, 2021, 21, 2526-2540.	3.0	9
14	Azine Steric Hindrances Switch Halogen Bonding to Nâ€Arylation upon Interplay with Ï*f*â€Hole Donating Haloarenenitriles. Chemistry - an Asian Journal, 2021, 16, 1445-1455.	3.3	9
15	Hetero-Tetradehydro-Dielsâ€“Alder Cycloaddition of Enynamides and Cyanamides: Gold-Catalyzed Generation of Diversely Substituted 2,6-Diaminopyridines. Journal of Organic Chemistry, 2021, 86, 7218-7228.	3.2	14
16	Ligand Steric Hindrances Switch Bridging (Î¼₂-I)Â·Â·Â·O,O to Two-Center IÂ·Â·Â·O Halogen-Bonding Mode in the Assembly of Diketonate Copper(II) Species. Crystal Growth and Design, 2021, 21, 4073-4082.	3.0	5
17	Structural Features of Polymer Ligand Environments Dramatically Affect the Mechanical and Room-Temperature Self-Healing Properties of Cobalt(II)-Incorporating Polysiloxanes. Organometallics, 2021, 40, 2750-2760.	2.3	14
18	Diaryliodonium Tetrachloroplatinates(II): Recognition of a Trifurcated Metal-Involving Î¼₃-IÂ·Â·Â·(Cl,Cl,Pt) Halogen Bond. Crystal Growth and Design, 2021, 21, 5360-5372.	3.0	23

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19	Metal-Involving Chalcogen Bond. The Case of Platinum(II) Interaction with Se/Te-Based Ïƒ-Hole Donors. Journal of the American Chemical Society, 2021, 143, 15701-15710.	13.7	28
20	Copper(II)-Mediated Iodination of 1-Nitroso-2-naphthol. Molecules, 2021, 26, 5708.	3.8	1
21	Gold-Catalyzed Nitrene Transfer from Benzofuroxans to N-Allylynamides: Synthesis of 3-Azabicyclo[3.1.0]hexanes. Journal of Organic Chemistry, 2021, 86, 12964-12972.	3.2	12
22	Flexible Perovskite CsPbBr₃ Light Emitting Devices Integrated with GaP Nanowire Arrays in Highly Transparent and Durable Functionalized Silicones. Journal of Physical Chemistry Letters, 2021, 12, 9672-9676.	4.6	6
23	Electron belt-to-Ïƒ-hole switch of noncovalently bound iodine(<scp>i</scp>) atoms in dithiocarbamate metal complexes. Inorganic Chemistry Frontiers, 2021, 8, 2505-2517.	6.0	25
24	Bifurcated Halogen Bonding Involving Diaryliodonium Cations as Iodine(III)-Based Double-Ïƒ-Hole Donors. Crystal Growth and Design, 2021, 21, 1136-1147.	3.0	36
25	Acid-catalyzed [2 + 2 + 2] cycloaddition of two cyanamides and one ynamide: highly regioselective synthesis of 2,4,6-triaminopyrimidines. Organic and Biomolecular Chemistry, 2021, 19, 4577-4584.	2.8	14
26	Halogen Bonding Involving Palladium(II) as an XB Acceptor. Crystal Growth and Design, 2021, 21, 1159-1177.	3.0	25
27	Oxygen Atom Transfer as Key To Reverse Regioselectivity in the Gold(I)-Catalyzed Generation of Aminooxazoles from Ynamides. Journal of Organic Chemistry, 2021, 86, 1748-1757.	3.2	21
28	Highly polar stacking interactions wrap inorganics in organics: lone-pairâ€“Ï€-hole interactions between the PdO₄ core and electron-deficient arenes. Inorganic Chemistry Frontiers, 2021, 8, 4965-4975.	6.0	15
29	Redox-Neutral and Atom-Economic Route to Î²-Carbolines via Gold-Catalyzed [4 + 2] Cycloaddition of Indolylynamides and Cyanamides. Journal of Organic Chemistry, 2021, 86, 17804-17815.	3.2	13
30	Hexaiododiplatinate(<scp>ii</scp>) as a useful supramolecular synthon for halogen bond involving crystal engineering. Dalton Transactions, 2020, 49, 356-367.	3.3	49
31	Metal-involving halogen bond Arâ€“Iâ‹¯[dz2PtII] in a platinum acetylacetonate complex. CrystEngComm, 2020, 22, 554-563.	2.6	34
32	A one-pot route to N-acyl ureas: a formal four-component hydrolytic reaction involving aminonitrones and isocyanide dibromides. New Journal of Chemistry, 2020, 44, 1253-1262.	2.8	7
33	Nature of the Nucleophilic Oxygenation Reagent Is Key to Acid-Free Gold-Catalyzed Conversion of Terminal and Internal Alkynes to 1,2-Dicarbonyls. Journal of Organic Chemistry, 2020, 85, 745-757.	3.2	49
34	Reverse Sandwich Structures from Interplay between Lone Pairâ‹¯Ï€-Hole Atom-Directed CÂ·Â·Â·d_{z²}[M] and Halogen Bond Interactions. Crystal Growth and Design, 2020, 20, 995-1008.	3.0	35
35	Structure-directing sulfur...metal noncovalent semicoordination bonding. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 436-449.	1.1	12
36	Semicoordination Bond Breaking and Halogen Bond Making Change the Supramolecular Architecture of Metal-Containing Aggregates. Crystal Growth and Design, 2020, 20, 6956-6965.	3.0	38

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37	Tetrabromomethane as an Organic Catalyst: a Kinetic Study of CBr₄â€Catalyzed Schiff Condensation. European Journal of Organic Chemistry, 2020, 2020, 6763-6769.	2.4	6
38	Tetrachloroplatinate(<scp>ii</scp>) anion as a square-planar tecton for crystal engineering involving halogen bonding. CrystEngComm, 2020, 22, 4180-4189.	2.6	18
39	One-Pot Route to X-perfluoroarenes (X = Br, I) Based on Fe^{III}-Assisted Câ€“F Functionalization and Utilization of These Arenes as Building Blocks for Crystal Engineering Involving Halogen Bonding. Crystal Growth and Design, 2020, 20, 5908-5921.	3.0	30
40	Cyanamides as Ï€-Hole Donor Components of Structure-Directing (Cyanamide)Â·Â·Â·Arene Noncovalent Interactions. Crystal Growth and Design, 2020, 20, 4783-4793.	3.0	19
41	Ï€-HoleÂ·Â·Â·d_z²[Pt^{II}] Interactions with Electron-Deficient Arenes Enhance the Phosphorescence of Pt^{II}-Based Luminophores. Inorganic Chemistry, 2020, 59, 9308-9314.	4.0	39
42	The halogen bond with isocyano carbon reduces isocyanide odor. Nature Communications, 2020, 11, 2921.	12.8	46
43	Halogen Bonding Provides Heterooctameric Supramolecular Aggregation of Diaryliodonium Thiocyanate. Crystals, 2020, 10, 230.	2.2	25
44	Supramolecular Assembly of Metal Complexes by (Aryl)Iâ‹…â‹…â‹…d[Pt^{II}] Halogen Bonds. Chemistry - A European Journal, 2020, 26, 7692-7701.	3.3	54
45	Nickel(<scp>ii</scp>)-mediated cyanamideâ€“pyrazole coupling highlights distinct reactivity of NCNR₂ and NCR nitrile ligands. New Journal of Chemistry, 2020, 44, 6979-6991.	2.8	1
46	The (Dioximate)Ni^{II}/I₂ System: Ligand Oxidation and Binding Modes of Triiodide Species. Inorganic Chemistry, 2020, 59, 2316-2327.	4.0	13
47	Isomorphous Series of Pd^{II}-Containing Halogen-Bond Donors Exhibiting Cl/Br/I Triple Halogen Isostructural Exchange. Crystal Growth and Design, 2020, 20, 1975-1984.	3.0	19
48	Cellulose-based hybrid glycosilicones via grafted-to metal-catalyzed hydrosilylation: â€œWhen opposites uniteâ€• Carbohydrate Polymers, 2020, 241, 116327.	10.2	7
49	Noncovalent Sulfoxideâ€“Nitrile Coupling Involving Four-Center Heteroleptic Dipoleâ€“Dipole Interactions between the Sulfinyl and Nitrile Groups. Crystal Growth and Design, 2020, 20, 3417-3428.	3.0	17
50	The Dichotomy of Goldâ€catalyzed Interplay between Cyanamides and Ynamides: Controllable Switch from [2+2+2] to [4+2] Cycloaddition. Advanced Synthesis and Catalysis, 2020, 362, 2672-2682.	4.3	21
51	Diaryliodonium as a double Ï*f*-hole donor: the dichotomy of thiocyanate halogen bonding provides divergent solid state arylation by diaryliodonium cations. Organic Chemistry Frontiers, 2020, 7, 2230-2242.	4.5	44
52	Goldâ€Catalyzed Functionalization of Semicarbazides with Terminal Alkynes to Achieve Substituted Semicarbazones. European Journal of Organic Chemistry, 2019, 2019, 6094-6100.	2.4	4
53	Dihalomethanes as Bent Bifunctional XB/XBâ€Donating Building Blocks for Construction of Metalâ€Involving Halogen Bonded Hexagons. Chemistry - an Asian Journal, 2019, 14, 3915-3920.	3.3	45
54	Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie - International Edition, 2019, 58, 4164-4168.	13.8	51

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55	Recognition of the Ï€-hole donor ability of iodopentafluorobenzene â€“ a conventional Ïƒ-hole donor for crystal engineering involving halogen bonding. CrystEngComm, 2019, 21, 616-628.	2.6	56
56	Saccharin guanidination via facile three-component â€œtwo saccharins-one dialkylcyanamideâ€• integration. New Journal of Chemistry, 2019, 43, 10685-10688.	2.8	1
57	Fourâ€Center Nodes: Supramolecular Synthons Based on Cyclic Halogen Bonding. Chemistry - A European Journal, 2019, 25, 13671-13675.	3.3	28
58	Gold(I)-Catalyzed Oxidation of Acyl Acetylenes to Vicinal Tricarbonyls. Organic Letters, 2019, 21, 4116-4119.	4.6	25
59	Cleavage of acyclic diaminocarbene ligands at an iridium(<scp>iii</scp>) center. Recognition of a new reactivity mode for carbene ligands. Dalton Transactions, 2019, 48, 7571-7582.	3.3	12
60	Frontispiz: Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie, 2019, 131, .	2.0	0
61	Biocompatible zinc(II) 8-(dihydroimidazolyl)quinoline complex and its catalytic application for synthesis of poly(L,L-lactide). Journal of Catalysis, 2019, 372, 362-369.	6.2	3
62	Threeâ€Component [2+2+1] Gold(I)â€Catalyzed Oxidative Generation of Fully Substituted 1,3â€Oxazoles Involving Internal Alkynes. Advanced Synthesis and Catalysis, 2019, 361, 2926-2935.	4.3	35
63	Frontispiece: Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
64	(Isocyano Group Ï€â€Hole)â‹…â‹…â‹…[dâ€M^{II}] Interactions of (Isocyanide)[M^{II}] Complexes, in which Positively Charged Metal Centers (d⁸â€M=Pt, Pd) Act as Nucleophiles. Chemistry - A European Journal, 2019, 25, 8590-8598.	3.3	53
65	Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie, 2019, 131, 4208-4212.	2.0	9
66	Goldâ€Catalyzed Oxidation of Internal Alkynes into Benzils and its Application for Oneâ€Pot Synthesis of Fiveâ€, Sixâ€, and Sevenâ€Membered Azaheterocycles. European Journal of Organic Chemistry, 2019, 2019, 1856-1864.	2.4	43
67	Aminonitrones as highly reactive bifunctional synthons. An expedient one-pot route to 5-amino-1,2,4-triazoles and 5-amino-1,2,4-oxadiazoles â€“ potential antimicrobials targeting multi-drug resistant bacteria. New Journal of Chemistry, 2019, 43, 17358-17366.	2.8	9
68	Metal-Involving Bifurcated Halogen Bonding Câ€“BrÂ·Â·Â·Î·²(Clâ€“Pt). Crystal Growth and Design, 2019, 19, 1364-1376.	3.0	51
69	Halides Held by Bifurcated Chalcogenâ€“Hydrogen Bonds. Effect of Î¼_(S,Nâ€“H)Cl Contacts on Dimerization of Cl(carbene)Pd^{II} Species. Inorganic Chemistry, 2018, 57, 3420-3433.	4.0	66
70	Platinum Complexes with Chelating Acyclic Aminocarbene Ligands Work as Catalysts for Hydrosilylation of Alkynes. ACS Omega, 2018, 3, 863-871.	3.5	35
71	Reaction between Indazole and Pd-Bound Isocyanidesâ€”A Theoretical Mechanistic Study. Molecules, 2018, 23, 2942.	3.8	3
72	Noncovalent Interactions Involving Iodofluorobenzenes: The Interplay of Halogen Bonding and Weak lp(O)Â·Â·Â·Ï€-Hole_{arene} Interactions. Crystal Growth and Design, 2018, 18, 7641-7654.	3.0	62

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73	Dramatically Enhanced Solubility of Halideâ€Containing Organometallic Species in Diiodomethane: The Role of Solventâ‹…â‹…â‹…Complex Halogen Bonding. Angewandte Chemie, 2018, 130, 12967-12971.	2.0	12
74	Ligation-Enhanced Ï€-HoleÂ·Â·Â·Ï€ Interactions Involving Isocyanides: Effect of Ï€-HoleÂ·Â·Â·Ï€ Noncovalent Bonding on Conformational Stabilization of Acyclic Diaminocarbene Ligands. Inorganic Chemistry, 2018, 57, 6722-6733.	4.0	50
75	Structure-Directing Weak Interactions with 1,4-Diiodotetrafluorobenzene Convert One-Dimensional Arrays of [M^{II}(acac)₂] Species into Three-Dimensional Networks. Crystal Growth and Design, 2018, 18, 3626-3636.	3.0	50
76	Gold-Catalyzed Hydrohydrazidation of Terminal Alkynes. Organic Letters, 2018, 20, 4880-4884.	4.6	21
77	Dramatically Enhanced Solubility of Halideâ€Containing Organometallic Species in Diiodomethane: The Role of Solventâ‹…â‹…â‹…Complex Halogen Bonding. Angewandte Chemie - International Edition, 2018, 57, 12785-12789.	13.8	73
78	3-Dialkylamino-1,2,4-triazoles via Zn^{II}-Catalyzed Acyl Hydrazideâ€“Dialkylcyanamide Coupling. ACS Omega, 2018, 3, 7224-7234.	3.5	10
79	Facile selective synthesis of 2-methyl-5-amino-1,2,4-oxadiazolium bromides as further targets for nucleophilic additions. New Journal of Chemistry, 2018, 42, 9373-9376.	2.8	9
80	Metal-involving generation of aminoheterocycles from N-substituted cyanamides: Toward sustainable chemistry (a Minireview). Inorganica Chimica Acta, 2017, 455, 446-454.	2.4	14
81	Expanding the family of substituted-at-core nickel(II) phthalocyanines. Inorganica Chimica Acta, 2017, 455, 696-700.	2.4	5
82	H₂C(X)â€“XÂ·Â·Â·X^{â€“} (X = Cl, Br) Halogen Bonding of Dihalomethanes. Crystal Growth and Design, 2017, 17, 1353-1362.	3.0	78
83	Trinuclear (aminonitrone)Zn^{II} complexes as key intermediates in zinc(<scp>ii</scp>)-mediated generation of 1,2,4-oxadiazoles from amidoximes and nitriles. New Journal of Chemistry, 2017, 41, 1940-1952.	2.8	24
84	Copper(I)-Catalyzed 1,3-Dipolar Cycloaddition of Ketonitrones to Dialkylcyanamides: A Step toward Sustainable Generation of 2,3-Dihydro-1,2,4-oxadiazoles. ACS Omega, 2017, 2, 1380-1391.	3.5	32
85	Amidoxime platinum(<scp>ii</scp>) complexes: pH-dependent highly selective generation and cytotoxic activity. New Journal of Chemistry, 2017, 41, 6840-6848.	2.8	11
86	Diiodomethane as a halogen bond donor toward metal-bound halides. CrystEngComm, 2017, 19, 2517-2525.	2.6	64
87	Addition of N-nucleophiles to gold(<scp>iii</scp>)-bound isocyanides leading to short-lived gold(<scp>iii</scp>) acyclic diaminocarbene complexes. New Journal of Chemistry, 2017, 41, 3246-3250.	2.8	33
88	Diversity of reactivity modes upon interplay between Au(<scp>iii</scp>)-bound isocyanides and cyclic nitrones: a theoretical consideration. Dalton Transactions, 2017, 46, 786-802.	3.3	4
89	Electrophilicâ€“Nucleophilic Dualism of Nickel(II) toward NiÂ·Â·Â·I Noncovalent Interactions: Semicoordination of Iodine Centers via Electron Belt and Halogen Bonding via Ïƒ-Hole. Inorganic Chemistry, 2017, 56, 13562-13578.	4.0	84
90	Metal-Involving Synthesis and Reactions of Oximes. Chemical Reviews, 2017, 117, 13039-13122.	47.7	154

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91	Tetrazol-5-ylidene Gold(III) Complexes from Sequential [2 + 3] Cycloaddition of Azide to Metal-Bound Isocyanides and N4 Alkylation. Organometallics, 2017, 36, 3974-3980.	2.3	18
92	Diversity of Isomerization Patterns and Protolytic Forms in Aminocarbene Pd^{II} and Pt^{II} Complexes Formed upon Addition of N,Nâ€²-Diphenylguanidine to Metal-Activated Isocyanides. Organometallics, 2017, 36, 4145-4159.	2.3	24
93	A novel family of homoleptic copper(i) complexes featuring disubstituted cyanamides: a combined synthetic, structural, and theoretical study. New Journal of Chemistry, 2017, 41, 14557-14566.	2.8	11
94	Metal-mediated reactions between dialkylcyanamides and acetamidoxime generate unusual (nitrosoguanidinate)nickel(<scp>ii</scp>) complexes. Dalton Transactions, 2017, 46, 10090-10101.	3.3	46
95	Metal-mediated generation of triazapentadienate-terminated di- and trinuclear Î¼₂-pyrazolate Ni^{II}species and control of their nuclearity. New Journal of Chemistry, 2017, 41, 316-325.	2.8	31
96	Metal-Mediated Addition of N-Nucleophiles to Isocyanides: Mechanistic Aspects. Molecules, 2017, 22, 1141.	3.8	6
97	bis-Nitrile and bis-Dialkylcyanamide Platinum(II) Complexes as Efficient Catalysts for Hydrosilylation Cross-Linking of Siloxane Polymers. Molecules, 2016, 21, 311.	3.8	31
98	Recognition of SÂ·Â·Â·Cl Chalcogen Bonding in Metal-Bound Alkylthiocyanates. Crystal Growth and Design, 2016, 16, 2979-2987.	3.0	22
99	Identification and H(D)-bond energies of Câ€“H(D)â‹¯Cl interactions in chlorideâ€“haloalkane clusters: a combined X-ray crystallographic, spectroscopic, and theoretical study. Physical Chemistry Chemical Physics, 2016, 18, 14104-14112.	2.8	54
100	Metallophilic interactions in polymeric group 11 thiols. Solid State Sciences, 2016, 60, 92-98.	3.2	48
101	1,3-Dipolar Cycloaddition of Nitrones to Gold(III)-Bound Isocyanides. Organometallics, 2016, 35, 3569-3576.	2.3	8
102	Difference in Energy between Two Distinct Types of Chalcogen Bonds Drives Regioisomerization of Binuclear (Diaminocarbene)Pd^{II} Complexes. Journal of the American Chemical Society, 2016, 138, 14129-14137.	13.7	114
103	Nucleophilicity of Oximes Based upon Addition to a Nitriliumcloso-Decaborate Cluster. Organometallics, 2016, 35, 3612-3623.	2.3	52
104	Solvent- and halide-free synthesis of pyridine-2-yl substituted ureas through facile Câ€“H functionalization of pyridine N-oxides. Green Chemistry, 2016, 18, 6630-6636.	9.0	33
105	Waterâ€Soluble Platinum(II) Complexes Featuring 2â€Alkylâ€2Hâ€tetrazolâ€5â€ylacetic Acids: Synthesis, Characterization, and Antiproliferative Activity. European Journal of Inorganic Chemistry, 2016, 2016, 4659-4667.	2.0	13
106	Characterization of Cu-ligand bonds in tris-pyrazolylmethane isocyanide copper(I) complexes based upon combined X-ray diffraction and theoretical study. Inorganica Chimica Acta, 2016, 450, 140-145.	2.4	10
107	A family of heterotetrameric clusters of chloride species and halomethanes held by two halogen and two hydrogen bonds. CrystEngComm, 2016, 18, 5278-5286.	2.6	55
108	Platinum(II)â€Mediated Double Coupling of 2,3â€Diphenylmaleimidine with Nitrile Functionalities To Give Annulated Pentaazanonatetraenate (PANT) Systems. European Journal of Inorganic Chemistry, 2016, 2016, 1480-1487.	2.0	6

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109	Palladium(II)-Mediated Addition of Benzenediamines to Isocyanides: Generation of Three Types of Diaminocarbene Ligands Depending on the Isomeric Structure of the Nucleophile. Organometallics, 2016, 35, 218-228.	2.3	31
110	Halogen bonding between metal centers and halocarbons. Chemical Communications, 2016, 52, 5565-5568.	4.1	136
111	Solid state and dynamic solution structures of O-carbamidine amidoximes gives further insight into the mechanism of zinc(II)-mediated generation of 1,2,4-oxadiazoles. Journal of Molecular Structure, 2016, 1111, 142-150.	3.6	44
112	Fine-tuning halogen bonding properties of diiodine through halogenâ€“halogen charge transfer â€“ extended [Ru(2,2â€²-bipyridine)(CO)₂X₂]Â·I₂systems (X = Cl, Br, I). CrystEngComm, 2016, 18, 1987-1995.	2.6	71
113	Pd^{II}-mediated integration of isocyanides and azide ions might proceed via formal 1,3-dipolar cycloaddition between RNC ligands and uncomplexed azide. New Journal of Chemistry, 2016, 40, 521-527.	2.8	16
114	Coordination chemistry and metal-involving reactions of amidoximes: Relevance to the chemistry of oximes and oxime ligands. Coordination Chemistry Reviews, 2016, 313, 62-93.	18.8	83
115	Efficient Ï€-stacking with benzene provides 2D assembly of trans-[PtCl2(p-CF3C6H4CN)2]. Journal of Molecular Structure, 2016, 1104, 19-23.	3.6	48
116	Coupling of platinated triguanides with platinum-activated nitriles as a novel strategy for generation of dimetallic systems. Dalton Transactions, 2015, 44, 6003-6011.	3.3	5
117	Metal-Mediated and Metal-Catalyzed Reactions of Isocyanides. Chemical Reviews, 2015, 115, 2698-2779.	47.7	442
118	Weak aurophilic interactions in a series of Au(<scp>iii</scp>) double salts. Dalton Transactions, 2015, 44, 14523-14531.	3.3	26
119	Tris-isocyanide copper(I) complexes: Synthetic, structural, and theoretical study. Inorganica Chimica Acta, 2015, 434, 31-36.	2.4	36
120	Application of palladium complexes bearing acyclic amino(hydrazido)carbene ligands as catalysts for copper-free Sonogashira cross-coupling. Journal of Catalysis, 2015, 329, 449-456.	6.2	58
121	Facile Gold-Catalyzed Heterocyclization of Terminal Alkynes and Cyanamides Leading to Substituted 2-Amino-1,3-Oxazoles. Organic Letters, 2015, 17, 3502-3505.	4.6	65
122	Bifunctional Reactivity of Amidoximes Observed upon Nucleophilic Addition to Metal-Activated Nitriles. Inorganic Chemistry, 2015, 54, 4039-4046.	4.0	23
123	Clickâ€Type Pt^{II}â€Mediated Hydroxyguanidineâ€“Nitrile Coupling Provides Useful Catalysts for Hydrosilylation Crossâ€Linking. ChemPlusChem, 2015, 80, 1607-1614.	2.8	20
124	Highly Reactive Ni^{II}â€Bound Nitrileâ€“Oxime Coupling Intermediates Stabilized by Substituting Conventional Nitriles with a Dialkylcyanamide. European Journal of Inorganic Chemistry, 2015, 2015, 4894-4904.	2.0	15
125	Zinc(<scp>ii</scp>)-mediated generation of 5-amino substituted 2,3-dihydro-1,2,4-oxadiazoles and their further Zn^{II}-catalyzed and O₂-involving transformations. New Journal of Chemistry, 2015, 39, 9330-9344.	2.8	11
126	Regio- and Stereoselective 1,3-Dipolar Cycloaddition of Cyclic Azomethine Imines to Platinum(IV)-Bound Nitriles Giving Î”2-1,2,4-Triazoline Species. Inorganic Chemistry, 2015, 54, 11018-11030.	4.0	12

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