

8.1/8.4 Перечень научных трудов, выдвигаемых на конкурс и наукометрические показатели:

N	Название	Авторы	Выходные данные	Дата публикации	Цитирование (Scopus)	Импакт фактор			Квартиль	
						JCR	SNIP	SJR	JCR	SJR
1	Reverse Sandwich Structures from Interplay between Lone Pair- π -Hole Atom-Directed C \cdots d $_z^2$ [M] and Halogen Bond Interactions	Baykov, S. V.; Filimonov, S. I.; Rozhkov, A. V.; Novikov, A. S.; Ananyev, I. V.; Ivanov, D. M.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2020, 20, 995–1008, DOI: 10.1021/acs.cgd.9b01334	19.12.2019	3	4.089	1.139	1.004	1	1
2	Hexaiododiplatinate(II) as a useful supramolecular synthon for halogen bond involving crystal engineering	Eliseeva, A. A.; Ivanov, D. M.; Novikov, A. S.; Rozhkov, A. V.; Korniyakov, I. V.; Dubovtsev, A. Yu.; Kukushkin V. Yu.	<i>Dalton Trans.</i> , 2020, 49, 356–367 DOI: 10.1039/C9DT04221K	03.12.2019	5	4.174	0.938	1.048	1	1
3	Metal-involving halogen bond Ar-I \cdots [d $_z^2$ PtII] in a platinum acetylacetonate complex	Rozhkov, A. V.; Ivanov, D. M.; Novikov, A. S.; Ananyev, I. V.; Bokach, N. A.; Kukushkin, V. Yu.	<i>CrystEngCom</i> , 2020, 22, 554–563, DOI: 10.1039/C9CE01568J	19.11.2019	3	3.117	0.841	0.814	2	1
4	Dihalomethanes as Bent Bifunctional XB/XB-Donating Building Blocks for Construction of Metal-involving Halogen Bonded Hexagons	Kashina, M. V.; Ivanov, D. M.; Kinzhalov, M. A.; Smirnov, A. S.; Novikov, A. S.; Kukushkin, V. Yu.	<i>Chem. Asian J.</i> , 2019, 14, 3915–3920, DOI: 10.1002/asia.201901127	23.10.2019	9	4.056	0.727	1.150	2	1
5	Four-Center Nodes: Supramolecular Synthons Based on Cyclic Halogen Bonding	Kryukova, M. A.; Ivanov, D. M.; Kinzhalov, M. A.; Novikov, A. S.; Smirnov, A. S.; Bokach, N. A.; Kukushkin, V. Yu.	<i>Chem. Eur. J.</i> , 2019, 25, 13671–13675, DOI: 10.1002/chem.201902264	28.08.2019	8	5.155	1.010	1.681	1	1

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6	(Isocyano Group π -Hole)···[d _z ² -MII] Interactions at (Isocyanide)[MII] Complexes, where Positively Charged Metal Centers (d ⁸ M = Pt, Pd) Act as Nucleophiles	Katkova, S. A.; Mikhherdov, A. S.; Kinzhalov, M. A.; Novikov, A. S.; Zolotarev, A. A.; Boyarskiy, V. P.; Kukushkin, V. Yu.	<i>Chem. Eur. J.</i> , 2019, 25, 8590–8598; DOI: 10.1002/chem.201901187	12.04.2019	16	5.155	1.010	1.681	1	1
7	Reverse Arene Sandwich Structures Based upon π -Hole···[MII] (d ⁸ M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile	Rozhkov, A. V.; Krykova M. A.; Ivanov, D. M.; Novikov, A. S.; Sinelshchikova, A. A.; Volostnykh, M. V.; Konovalov, M. A.; Grigoriev, M. S.; Gorbunova, Y. G.; Kukushkin, V. Yu.	<i>Angew. Chem. Int. Ed.</i> , 2019, 58, 4164–4168, DOI: 10.1002/anie.201814062	14.02.2019	14	12.959	2.254	5.438	1	1
8	Metal-Involving Bifurcated Halogen Bonding C–Br··· η^2 (Cl–Pt)	Dabranskaya, U.; Ivanov, D. M.; Novikov, A. S.; Matveychuk, Y. V.; Bokach, N. A.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2019, 19, 1364–1376, DOI: 10.1021/acs.cgd.8b01757	14.12.2018	8	4.089	1.139	1.004	1	1
9	Noncovalent Interactions Involving Iodofluorobenzenes: The Interplay of Halogen Bonding and Weak lp(O)··· π -Holearene Interactions	Bikbaeva, Z. M.; Ivanov, D. M.; Novikov, A. S.; Bokach, N. A.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2018, 18, 7641–7654, DOI: 10.1021/acs.cgd.8b01457.	01.11.12	27	4.089	1.139	1.004	1	1
10	Pt/Pd and I/Br Isostructural Exchange Provides Formation of C–I···Pd, C–Br···Pt, and C–Br···Pd Metal-Involving Halogen Bonding	Baykov, S. V.; Dabranskaya, U. E.; Ivanov, D. M.; Novikov, A. S.; Boyarskiy, V. P.	<i>Cryst. Growth Des.</i> , 2018, 18, 5973–5980, DOI: 10.1021/acs.cgd.8b00762	5.09.2018	25	4.089	1.139	1.004	1	1

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11	Dramatically Enhanced Solubility of Halide-Containing Organometallic Species in Diiodomethane: The Role of Solvent···Complex Halogen Bonding	Kinzhalov, M. A.; Kashina M. V.; Mikherdov A. S.; Mozheeva, E. A.; Novikov, A. S.; Smirnov, A. S.; Ivanov, D. M.; Kryukova, M. A.; Ivanov, A. Y.; Smirnov, S. N.; Kukushkin, V. Yu.; Luzyanin K. V.	<i>Angew. Chem. Int. Ed.</i> , 2018, 57, 12785–12789, DOI: 10.1002/anie.201807642	03.08.2018	34	12.959	2.254	5.438	1	1
12	Ligation-Enhanced π -Hole··· π Interactions Involving Isocyanides. Effect of π -Hole··· π Noncovalent Bonding on Conformational Stabilization of Acyclic Diaminocarbene Ligands	Mikherdov, A. S.; Kinzhalov, M. A.; Novikov, A. S.; Boyarskiy, V. P.; Boyarskaya, I. A.; Avdontceva, M. S.; Kukushkin, V. Yu.	<i>Inorg. Chem.</i> , 2018, 57, 6722–6733, DOI: 10.1021/acs.inorgchem.8b01027	24.05.2018	30	4.852	1.164	1.349	1	1
13	Structure-Directing Weak Interactions with 1,4-Diiodotetrafluorobenzene Convert One-Dimensional Arrays of [MII(acac) ₂] Species into Three-Dimensional Networks	Rozhkov, A. V.; Novikov, A. S.; Ivanov, D. M.; Bolotin, D. S.; Bokach, N. A.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2018, 18, 3626–3636, DOI: 10.1021/acs.cgd.8b00408	15.05.2018	17	4.089	1.139	1.004	1	1
14	Halides Held by Bifurcated Chalcogen–Hydrogen Bonds. Effect of μ (S,N–H)Cl Contacts on Dimerization of Cl(carbene)Pd ^{II} Species	Mikherdov, A. S.; Novikov, A. S.; Kinzhalov, M. A.; Boyarskiy, V. P.; Starova, G. L.; Ivanov, A. Yu.; Kukushkin, V. Yu.	<i>Inorg. Chem.</i> , 2018, 57, 3420–3433, DOI: 10.1021/acs.inorgchem.8b00190	28.02.2018	36	4.852	1.164	1.349	1	1

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15	Electrophilic-Nucleophilic Dualism of Nickel(II) toward Ni ^{II} Noncovalent Interactions: Semicoordination of Iodine Centers via Electron Belt and Halogen Bonding via σ -Hole	Bikbaeva, Z. M.; Ivanov, D. M.; Novikov, A. S.; Ananyev, I. V.; Bokach, N. A.; Kukushkin, V. Yu.	<i>Inorg. Chem.</i> , 2017, 56, 13562–13578, DOI: 10.1021/acs.inorgchem.7b02224	25.10.2017	42	4.852	1.164	1.349	1	1
16	H ₂ C(X)–X \cdots X– (X = Cl, Br) Halogen Bonding of Dihalomethanes.	Ivanov, D. M.; Kinzhalov, M. A.; Novikov, A. S.; Ananyev, I. V.; Romanova, A. A.; Boyarskiy, V. P.; Haukka, M.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2017, 17, 1353–1362, DOI: 10.1021/acs.cgd.6b01754	18.01.2017	55	4.089	1.139	1.004	1	1
17	Difference in Energy between Two Distinct Types of Chalcogen Bonds Drives Regioisomerization of Binuclear (Diaminocarbene)Pd ^{II} Complexes	Mikherdov, A. S.; Kinzhalov, M. A.; Novikov, A. S.; Boyarskiy, V. P.*; Boyarskaya, I. A.; Dar'in, D. V.; Starova, G. L.; Kukushkin, V. Yu.	<i>J. Am. Chem. Soc.</i> , 2016, 138, 14129–14137, DOI: 10.1021/jacs.6b09133	04.10.2016	77	14.612	2.682	6.976	1	1
18	A family of heterotetrameric clusters of chloride species and halomethanes held by two halogen and two hydrogen bonds	Ivanov, D. M.; Novikov, A. S.; Starova, G. L.; Haukka, M.; Kukushkin, V. Yu.	<i>CrystEngComm</i> , 2016, 18, 5278–5286, DOI: 10.1039/c6ce01179a	13.06.2016	40	3.117	0.841	0.814	2	1
19	Recognition of S \cdots Cl Chalcogen Bonding in Metal-Bound Alkylthiocyanates	Yandanova, E. S.; Ivanov, D. M.; Kuznetsov, M. L.; Starikov, A. G.; Starova, G. L.; Kukushkin, V. Yu.	<i>Cryst. Growth Des.</i> , 2016, 16, 2979–2987, DOI: 10.1021/acs.cgd.6b00346	29.03.2016	18	4.089	1.139	1.004	1	1
20	Halogen bonding between metal centers and halocarbons	Ivanov, D. M.; Novikov, A. S.; Ananyev, I. V.; Kirina, Y. V.; Kukushkin, V. Y.	<i>Chem. Commun.</i> , 2016, 52, 5565–5568, DOI: 10.1039/c6cc01107a	16.03.2016	95	5.996	1.144	1.992	1	1
Σ	–	–	–	–	562	114.479	25.166	38.107	–	–