

Список публикаций к заявке Тимошкина А.Ю. «Структура, термическая устойчивость и механизмы разложения соединений элементов главных подгрупп»

№	Публикация	Импакт-фактор 2019	Cite score	SNIP	SJR	Квартиль JCR 2019	Квартиль SJR 2019	Число цитирований WOS
1	Davydova E.I., Sevastianova T.N., Timoshkin A.Y. Molecular complexes of group 13 element trihalides, pentafluorophenyl derivatives and Lewis superacids. <i>Coord. Chem. Rev.</i> , 2015 , Vol. 297-298, P. 91-126. DOI: 10.1016/j.ccr.2015.02.019	15.367	26.0	3.505	4.044	Q1	Q1	17
2	Sevastianova T.N., Bodensteiner M., Maulieva A.F., Davydova E.I., Virovets A.V., Peresyphkina E.V., Balázs G., Graßl C., Seidl M., Scheer M., Frenking G., Berezovskaya E.A., Kazakov I.V., Khoroshilova O.V., Timoshkin A.Y. Versatile structures of group 13 metal halide complexes with 4,4'-bipy: from 1D coordination polymers to 2D and 3D metal-organic frameworks. <i>Dalton Trans.</i> 2015 , Vol. 44, P. 20648-20658. DOI: 10.1039/C5DT03192C	4.174	6.8	0.938	1.048	Q1	Q1	10
3	Lisovenko A.S., Morokuma K., Timoshkin A.Y. Initial gas phase reactions between Al(CH ₃) ₃ /AlH ₃ and ammonia: theoretical study. <i>J. Phys. Chem. A</i> , 2015 , Vol. 119, N. 4, P. 744-751. DOI: 10.1021/jp507713b	2.6	4.5	0.919	0.749	Q3	Q2	9
4	Seidl M., Kuntz C., Bodensteiner M., Timoshkin A. Y., Scheer M. Reaction of Tungsten-Phosphinidene and –Arsenidene complexes with Carbodiimides and Alkyl Azides: a straightforward way to four-membered heterocycles. <i>Angew. Chem. Int. Ed.</i> , 2015 , Vol. 54, N. 9., P.2771-2775. DOI: 10.1002/anie.201410191	12.959	20.8	2.254	5.438	Q1	Q1	21
5	Pomogaeva A.V., Timoshkin A.Y. Strong Dependence of Structural and Electronic Properties of Rod-Shaped [RGaNH] _{3n} (R=H, CH ₃) Oligomers on Terminal Groups. <i>J. Phys. Chem. C</i> , 2015 , Vol. 119, N. 29, P. 16475-16482. DOI:10.1021/acs.jpcc.5b04192	4.189	7.3	1.063	1.477	Q2	Q1	1
6	Marquardt C., Hegen O., Hautmann M., Balázs G., Bodensteiner M., Virovets A.V., Timoshkin A.Y., Scheer M. Isolation and characterization of Lewis-Base-stabilized monomeric parent Stibanylboranes. <i>Angew. Chem. Int. Ed.</i> , 2015 , Vol. 54, N. 44, P. 13122-13125. DOI: 10.1002/anie.201505773	12.959	20.8	2.254	5.438	Q1	Q1	13

7	Kondrat'ev Yu.V, Butlak A.V., Kazakov I.V., Timoshkin A.Y. Sublimation and thermal decomposition of ammonia borane: competitive processes controlled by pressure. <i>Therm. Acta</i> , 2015 , Vol. 622, P. 64-71. DOI:10.1016/j.tca.2015.08.021	2.762	4.2	1.184	0.558	Q2	Q2	6
8	Sevastianova T.N., Davydova E.I., Kazakov I.V., Timoshkin A.Y. Crystal structures and thermal behavior of complexes of group 13 metal halides with pyridine-type ligands. <i>Russ. Chem. Bull.</i> 2015 , Vol. 64 N. 11, P. 2523-2535. DOI: 10.1007/s11172-015-1188-8	1.062	1.8	0.619	0.282	Q4	Q3	6
9	Lisovenko, A.S.; Timoshkin, A.Y. Complexes of borazine and its analogs with Lewis acids and bases. <i>Russ. Chem. Bull.</i> 2015 , Vol. 64 N. 11, P. 2573-2585. DOI: 10.1007/s11172-015-1192-z	1.062	1.8	0.619	0.282	Q4	Q3	1
10	Seidl M., Balázs G., Timoshkin A. Y., Scheer M. Stepwise Formation of a 1,3-Butadiene Analogue of Mixed Heavier Group 15 Elements. <i>Angew. Chem. Int. Ed.</i> 2016 , Vol. 55, N. 1, P. 431-435. DOI: 10.1002/anie.201507355	12.959	20.8	2.254	5.438	Q1	Q1	5
11	Pomogaeva A.V., Morokuma K, Timoshkin A.Y. Mechanisms of Hydrogen Generation from Tetrameric Clusters of Lithium Amidoborane. <i>J. Phys. Chem. A</i> , 2016 , Vol. 120, N. 1, P. 145-152. DOI: 10.1021/acs.jpca.5b09924	2.6	4.5	0.919	0.749	Q3	Q2	6
12	Doinikov D.A., Kollhammerova I., Löbl J., Necas M., Timoshkin A.Y. , Pinkas J. Alumazene adducts with acetonitrile: structure and thermal stability. <i>J. Organomet. Chem.</i> 2016 , Vol. 809, P. 38-44. DOI: 10.1016/j.jorganchem.2016.02.039	2.304	3.8	0.631	0.506	Q2	Q2	2
13	Lisovenko A.S., Timoshkin A.Y. Comparative computational study of gaseous alkali metal amidoboranes MNH_2BH_3 and their carbon analogs MC_2H_5 (M=Li-Cs): Formation and unimolecular hydrogen evolution. <i>Z. Anorg. Allg. Chem.</i> , 2016 , Vol. 642, N. 2. P. 163-168. DOI: 10.1002/zaac.201500714	1.24	2.2	0.447	0.359	Q4	Q3	2
14	Scheer M., Seidl M., Weinzierl R., Timoshkin A.Y. Insight in the reaction of a phosphinidene complex with nitriles. <i>Chem. Eur. J.</i> , 2016 , Vol. 22, N. 16, P. 5484–5488. DOI: 10.1002/chem.201504954	4.857	9.0	1.01	1.681	Q1	Q1	7

15	Pomogaeva A.V., Morokuma K, Timoshkin A.Y. Trimeric cluster of lithium amidoborane - the smallest unit for the modeling of hydrogen release mechanism. <i>J. Comput. Chem.</i> , 2016 , Vol. 37, N. 14, P. 1259-1264. DOI: 10.1002/jcc.24316	2.976	5.9	1.052	0.957	Q2	Q1	4
16	Pomogaeva A.V., Timoshkin A.Y. The effect of terminal substituents on the electronic properties of rod-shaped [HGaNH] _n oligomers. <i>Phys. Chem. Chem. Phys.</i> , 2016 , Vol. 18, N. 29, P. 19859-19865. DOI: 10.1039/c6cp02576e	3.43	6.3	0.98	1.143	Q2	Q1	0
17	El Hamdi M., Solà M., Poater J., Timoshkin A. Y. Complexes of adamantane-based group 13 Lewis acids and superacids: bonding analysis and thermodynamics of hydrogen splitting. <i>J. Comput. Chem.</i> 2016 , Vol. 37, N. 15., P. 1355-1362. DOI: 10.1002/jcc.24328	2.976	5.9	1.052	0.957	Q2	Q1	4
18	Seidl M., Stubenhofer M., Timoshkin A.Y., Scheer M. Reaction of Pentelidene Complexes with Diazoalkanes: Stabilization of parent 2,3-dipnictabutadienes. <i>Angew. Chem. Int. Ed.</i> , 2016 , Vol. 55, N. 45, P. 14037–14040. DOI: 10.1002/anie.201607793	12.959	20.8	2.254	5.438	Q1	Q1	10
19	Marquardt C., Kahoun T., Stauber A., Balázs G., Bodensteiner M., Timoshkin A.Y., Scheer M. Anionic Chains of Parent Pnictogenylboranes. <i>Angew. Chem. Int. Ed.</i> , 2016 , Vol. 55, N. 47, P. 14828–14832. DOI: 10.1002/anie.201608875	12.959	20.8	2.254	5.438	Q1	Q1	12
20	Pomogaeva A.V., Timoshkin A.Y. Initial Steps for the Thermal Decomposition of Alkaline-Earth Metal Amidoboranes: Cluster Approximation. <i>Phys. Chem. Chem. Phys.</i> , 2016 , Vol. 18, N. 45, P. 31072-31077 DOI: 10.1039/C6CP05835C	3.43	6.3	0.98	1.143	Q2	Q1	0
21	Lisovenko A.S., Timoshkin A.Y. Formation and unimolecular dehydrogenation of gaseous alkaline-earth metal amidoboranes M(NH ₂ BH ₃) ₂ (M=Be–Ba): comparative computational study. <i>Z. Anorg. Allg. Chem.</i> , 2017 , Vol. 643, N. 2., P. 209-213. DOI: 10.1002/zaac.201600357	1.24	2.2	0.447	0.359	Q4	Q3	1
22	Seitz A., Heintl V., Timoshkin A.Y., Scheer M. Transformation of nortricyclane type cage compounds P ₄ S ₃ , P ₄ Se ₃ and As ₄ S ₃ by [Cp ^{''}] ₂ Zr(CO) ₂ . <i>Chem. Commun.</i> , 2017 , Vol. 53, N. 6, P.1172-1175. DOI: 10.1039/C6CC09427A	5.996	9.8	1.144	1.992	Q1	Q1	1

23	Davydova E.I., Lisovenko A.S., Timoshkin A.Y. Complex beryllium amidoboranes: structures, stability and evaluation of their potential as hydrogen storage materials. <i>J. Comput. Chem.</i> , 2017 , Vol. 38, N. 7, P. 401–405. DOI: 10.1002/jcc.24681	2.976	5.9	1.052	0.957	Q2	Q1	3
24	Kazakov I.V., Butlak A.V., Shelyganov P.A., Suslonov V.V., Timoshkin A.Y. Reversible structural transformations of Rubidium and Cesium amidoboranes. <i>Polyhedron</i> , 2017 , Vol. 127, P. 186-190. DOI: 10.1016/j.poly.2017.01.062	2.343	3.9	0.663	0.451	Q2	Q2	6
25	Chernysheva A.M., Shelyganov P.A., Kazakov I.V., Timoshkin A.Y. Complex Amidoboranes M-2[M-1(NH ₂ BH ₃) ₄] (M-1 = Al, Ga; M-2 = Li, Na, K, Rb, Cs). <i>Russ. J. Gen. Chem.</i> 2017 , Vol. 87, P. 665-669. DOI: 10.1134/S1070363217040016	0.716	1.1	0.511	0.221	Q4	Q3	3
26	Hegen O., Marquardt C., Timoshkin A.Y., Scheer M. A convenient Route to mixed Pnictogenylboranes. <i>Angew. Chem. Int. Ed.</i> , 2017 , Vol. 56, N. 41, P. 12783–12787. DOI: 10.1002/anie.201707436	12.959	20.8	2.254	5.438	Q1	Q1	5
27	Doinikov D.A., Kazakov I.V., Krasnova, I.S., Timoshkin A.Y. An Automatic Digital Tensimeter with a Membrane Zero-Manometer. <i>Russ. J. Phys. Chem. A.</i> 2017 , Vol. 91, P. 1603–1608. DOI: 10.1134/S0036024417080088	0.719	1.1	0.571	0.227	Q4	Q4	7
28	Shcherbina N.A., Kazakov I.V., Timoshkin A. Y. Synthesis and Characterization of Barium Amidoborane. <i>Russ. J. Gen. Chem.</i> 2017 , Vol. 87, N. 12, P. 2875-2877. https://doi.org/10.1134/S1070363217120192	0.716	1.1	0.511	0.221	Q4	Q3	1
29	Marquardt C., Kahoun T., Baumann J., Timoshkin A.Y., Scheer M. Coordination of Boron-centered Lewis Acids by organo-substituted Phosphanylboranes. <i>Z. Anorg. Allg. Chem.</i> , 2017 , Vol. 643, N. 21, P. 1326–1330. DOI: 10.1002/zaac.201700219	1.24	2.2	0.447	0.359	Q4	Q3	5
30	Marquardt C., Hegen O., Vogel A., Stauber A., Bodensteiner M., Timoshkin A.Y., Scheer M. Depolymerization of Poly(phosphinoboranes): From Polymers to Lewis Base Stabilized Monomers. <i>Chem. Eur. J.</i> 2018 , Vol. 24, N. 2, P. 360-363. DOI: 10.1002/chem.201705510	4.857	9.0	1.01	1.681	Q1	Q1	7

31	Kondrat'ev Yu.V., Butlak A.V., Kazakov I.V., Krasnova I.S., Chislov M.V., Timoshkin A.Y. Heat Effects of the Thermal Decomposition of Amidoboranes of Potassium, Calcium, and Strontium. <i>Russ. J. Phys. Chem. A</i> 2018 , Vol. 92, N. 4, P. 640–645. DOI: 10.1134/S0036024418040143	0.719	1.1	0.571	0.227	Q4	Q4	1
32	Heinl S., Timoshkin A.Y., Müller J., Scheer M. Unexpected differences in the reactivity between the phosphorus and arsenic derivatives [(Cp ^{BiG} Fe) ₂ (μ,η ^{4:4} -E ₄)] (E = P and As). <i>Chem. Commun.</i> 2018 , Vol. 54, N. 18, P. 2244-2247. DOI: 10.1039/c7cc09730a	5.996	9.8	1.144	1.992	Q1	Q1	3
33	Kögel J.F., Timoshkin A.Y., Schröder A., Lork E., Beckmann J. Al(OCaR ^F ₃) ₃ - A Thermally Stable Lewis Superacid <i>Chem. Sci.</i> , 2018 , Vol. 9, N. 43, 8178-8183. FRONT COVER DOI: 10.1039/c8sc02981d	9.346	15.5	1.823	3.756	Q1	Q1	8
34	Braese J., Schinabeck A., Bodensteiner M., Yersin H., Timoshkin A.Y., Scheer M. Gold(I) Complexes Containing Phosphanyl- and Arsanylborane Ligands. <i>Chem. Eur. J.</i> , 2018 , Vol. 24, P. 10073-10077. DOI: 10.1002/chem.201802682	4.857	9.0	1.01	1.681	Q1	Q1	4
35	Hegen O., Virovets A.V., Timoshkin A.Y., Scheer M. The Lewis base stabilized diphenylsubstituted Arsanylborane – A versatile building block for arsanylborane oligomers <i>Chem. Eur. J.</i> , 2018 , Vol. 24, N. 62, P. 16521-16525. DOI: 10.1002/chem.201804341.	4.857	9.0	1.01	1.681	Q1	Q1	4
36	Pomogaeva A.V., Timoshkin A.Y., Scheer M. Why do B-P and Al-P polymers differ? Structures, stability and electronic properties of chain and ring [H ₂ PEH ₂] _n oligomers (E = B, Al; n = 1-15). <i>Chem. Eur. J.</i> , 2018 , Vol. 24, N. 64, P. 17046-17054. DOI: 10.1002/chem.201803008.	4.857	9.0	1.01	1.681	Q1	Q1	0
37	Zavgorodnii A.S., Timoshkin A.Yu. Borazine Thermal Decomposition in Unsaturated Vapor. <i>Russ. J. Gen. Chem.</i> , 2018 , Vol. 88, N. 12, P. 2476-2479. DOI: 10.1134/S1070363218120046	0.716	1.1	0.511	0.221	Q4	Q3	1
38	Davydova E.I., Virovets A., Peresypkina E., Pomogaeva A V., Timoshkin A.Y. Crystal Structures of Antimony(III) Chloride complexes with Pyridine. <i>Polyhedron</i> , 2019 , Vol. 158, P. 97-101. DOI: 10.1016/j.poly.2018.10.056	2.343	3.9	0.663	0.451	Q2	Q2	1

39	Shcherbina N.A., Kazakov I.V., Gugin N.Yu., Lisovenko A.S., Pomogaeva A.V., Kondrat'ev Yu.V., Suslonov V.V., Timoshkin A.Y. Thermal Decomposition of B(C ₆ F ₅) ₃ ·Py Complex <i>Russ. J. Gen. Chem.</i> , 2019 , Vol. 89, No. 6, P. 1162–1168. DOI: 10.1134/S1070363219060100	0.716	1.1	0.511	0.221	Q4	Q3	1
40	Hegen O., Braese J., Timoshkin A.Y., Scheer M. Bidentate Phosphanyl- and Arsanylboranes <i>Chem. Eur. J.</i> , 2019 , Vol. 25, N. 2. P. 485-489. DOI: 10.1002/chem.201804772	4.857	9.0	1.01	1.681	Q1	Q1	2
41	Shelyganov P.A., Virovets A., Peresyphkina E., Scheer M., Timoshkin A.Y. Tetraglymes as prochiral host reagents for ammonia borane <i>Z. Anorg. Allg. Chem.</i> , 2019 , Vol. 645, 317–322. DOI: 10.1002/zaac.201800333	1.24	2.2	0.447	0.359	Q4	Q3	0
42	Li B., Bauer S., Seidl M., Timoshkin A.Y., Scheer M. Monomeric β-Diketiminato Group 13 Metal Dipnictogenide Complexes with Two Terminal EH ₂ (E = P, As) Groups. <i>Chem. Eur. J.</i> 2019 , Vol. 25, N. 60, P. 13714-13718. DOI: 10.1002/chem.201903887	4.857	9.0	1.01	1.681	Q1	Q1	0
43	Davydova E.I., Doinikov D.A., Kazakov I.V., Krasnova I.S., Sevast'yanova T.N., Suvorov A.V., Timoshkin A.Y. Study of Inorganic and Coordination Compounds by the Static Tensimetric Method from Mendeleev to the Present Day. <i>Russ. J. Gen. Chem.</i> , 2019 , Vol. 89, No. 6, pp. pp. 1069–1084. DOI: 10.1134/S1070363219060021	0.716	1.1	0.511	0.221	Q4	Q3	4
44	El-Hamdi M., Timoshkin A.Y. Hydrogen splitting by pyramidalized 13-15 Donor-Acceptor cryptands: a computational study <i>J. Comput. Chem.</i> , 2019 , Vol. 40 N. 21, 1892-1901. DOI: 10.1002/jcc.25845	2.976	5.9	1.052	0.957	Q2	Q1	0
45	Butlak A.V., Kazakov I.V., Stauber A., Hegen O., Scheer M., Pomogaeva A.V., Timoshkin A.Y. Thermal decomposition of donor-stabilized phosphinoborane PH ₂ BH ₂ NMe ₃ : a tensimetry study. <i>Eur. J. Inorg. Chem.</i> 2019 , N. 35, P. 3885-3891. DOI: 10.1002/ejic.201900817 FRONT COVER WITH COVER PROFILE	2.529	4.5	0.676	0.693	Q2	Q1	0