

# Vyacheslav S Bogdanov

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

335  
citations

1040056

9  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018, 87, 393-507.	6.5	157
2	Synthesis and Isolation of Di- <i>n</i> -butylhafnocene and Its Application as a Versatile Starting Material for the Synthesis of New Hafnacycles. <i>Organometallics</i> , 2009, 28, 2864-2870.	2.3	37
3	Reactivity of a Seven-Membered Zirconacyclocumulene towards CN Multiple Bonds – Formation of Metallaheterocycles by Insertion of $\pi$ and C=N Groups. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5304-5310.	2.0	19
4	Interaction of the five-membered zirconacyclocumulene complex Cp <sub>2</sub> Zr( $\eta$ -4-tBuC <sub>4</sub> tBu) with acetylenes. Synthesis of zirconacyclopentadienes and seven-membered zirconacyclocumulenes. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 390-398.	1.8	17
5	Olefin polymerization behavior of titanium(IV) alkoxo complexes with fluorinated diolate ligands: The impact of the chelate ring size and the nature of organoaluminum compounds. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5933.	3.5	16
6	Novel titanium(IV) diolate complexes with additional O-donor as precatalyst for the synthesis of ultrahigh molecular weight polyethylene with reduced entanglement density: Influence of polymerization conditions and its implications on mechanical properties. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6256.	3.5	13
7	Interaction of the Negishi reagent Cp <sub>2</sub> ZrBun <sub>2</sub> with 1,4-bis(tert-butyl)butadiyne. <i>Russian Chemical Bulletin</i> , 2012, 61, 165-173.	1.5	10
8	First structurally characterized five-membered hafnacyclocumulene Cp <sub>2</sub> Hf( $\eta$ -4-ButC <sub>4</sub> But). <i>Russian Chemical Bulletin</i> , 2008, 57, 1319-1320.	1.5	9
9	Reactions of the Five-Membered Hafnacyclocumulene Cp <sub>2</sub> Hf( $\eta$ -4-Bu-C <sub>4</sub> - $\eta$ -t-Bu) with the Lewis Acids Tris(pentafluorophenyl)borane and Diisobutylaluminum Hydride. <i>Organometallics</i> , 2010, 29, 2367-2371.	2.3	9
10	Thermal Isomerization of the Buchwald Seven-Membered Zirconacyclocumulene and Its Interaction with Acetylenes. Synthesis and Structures of Novel Seven-Membered Zirconacyclocumulene Complexes. <i>Organometallics</i> , 2015, 34, 2471-2480.	2.3	9
11	Formation of the five-membered zirconacyclocumulene Cp <sub>2</sub> Zr( $\eta$ -4-ButC <sub>4</sub> But) and the binuclear zirconocene butatrienyl complex Cp <sub>2</sub> (Bun)Zr(ButC <sub>4</sub> But)Zr(Bun)Cp <sub>2</sub> in the reaction of the Negishi reagent with 1,4-di(tert-butyl)butadiyne. <i>Russian Chemical Bulletin</i> , 2010, 59, 668-670.	1.5	8
12	Interaction of the Buchwald Seven-Membered Zirconacyclocumulene Complex with Carbonyl Compounds. <i>Organometallics</i> , 2019, 38, 2636-2646.	2.3	8
13	Protolysis of Seven-Membered Zirconacyclocumulene Complexes of Zirconocene. <i>Organometallics</i> , 2020, 39, 2365-2374.	2.3	6
14	The influence of heteroatom on catalytic properties of heterobimetallic Ti(IV)-Ca and Ti(IV)-Ba complexes in the production of UHMWPE. <i>Journal of Organometallic Chemistry</i> , 2020, 909, 121112.	1.8	5
15	Binuclear Ti(IV) complex with new compartmental ligand 2,6-bis(bis(3-carbinol)-tert-butylphenol) as precatalysts for ethylene polymerization and its copolymerization with propylene and 5-ethylidene-norbornene. <i>Applied Organometallic Chemistry</i> , 0, , e6396.	3.5	4
16	Structure and Conjugation Study of Organometallic [4]Radialenes of Group 4 Metallocenes. Synthesis of Zirconium [4]Radialene. <i>Organometallics</i> , 2021, 40, 1344-1350.	2.3	3
17	Complexation of Titana- and Zirconadihydrofuran Metallacycles with Organoaluminium Compounds and Catalytic Activity of the Resulting Complexes in Polymerization of $\epsilon$ -Caprolactone. <i>ChemistrySelect</i> , 2017, 2, 399-404.	1.5	2
18	N-[1-Phenyl-2,5-bis(trimethylsilyl)pent-2-en-4-yn-1-yl]aniline. <i>IUCrData</i> , 2016, 1, .	0.3	2

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19	Vinyl-Acetamidation of In Situ-Generated Acetylenic Complexes of Zirconocenes: Thermal Isomerization of Obtained Zirconabicycles. <i>Organometallics</i> , 0, , .	2.3	1
20	Synthesis and crystallographic characterization of [2,2-bis( <sup>5</sup> -pentamethylcyclopentadienyl)-3,4-bis(trimethylsilyl)-2-zirconafuran-5-one- <sup>5</sup> ]- <i>trans</i> -isobutylal. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 566-568.	5.5	1