

Aleksandr A Chamkin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Benchmarking DFT Calculations of ^1H and ^{13}C Chemical Shifts in Monosubstituted Ferrocenes. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26456.	2.0	4
2	Reactions of Ferrocenium Hexafluorophosphate with P^{OR} Nucleophiles Give Ring C^{H} Functionalization or Ring Replacement Products Depending on the Phosphorus Reagent. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1601-1610.	2.0	3
3	The flexibility of periphery enhances the electrochemical reversibility of ferrocenyl-terminated polyphenylene dendrimers. <i>Polymer</i> , 2021, 228, 123929.	3.8	1
4	Revisiting exo \rightarrow endo isomerization of transition metal half-sandwich η^3 -allyl complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122076.	1.8	1
5	$\langle \text{DFT} \rangle$, $\langle \text{DLPNO-CCSD} \rangle$ (T), and $\langle \text{NEVPT2} \rangle$ benchmark study of the reaction between ferrocenium and trimethylphosphine. <i>Journal of Computational Chemistry</i> , 2020, 41, 2388-2397.	3.3	12
6	C^{Click} -Synthesis and Electrochemical Behavior of Ferrocenyl-Terminated Pyridylphenylene Dendrimers. <i>Macromolecules</i> , 2020, 53, 2735-2743.	4.8	7
7	Reaction of ferrocenium ion with secondary phosphines: replacement of cyclopentadienyl ligand rather than its C^{H} functionalization. <i>Russian Chemical Bulletin</i> , 2019, 68, 1380-1383.	1.5	3
8	Phosphination of ferrocenium cation with aminophosphines. <i>Russian Chemical Bulletin</i> , 2019, 68, 532-539.	1.5	3
9	Synthesis and electrochemical behaviour of rigid ferrocenyl-terminated pyridylphenylene dendrimers. <i>Polymer</i> , 2019, 173, 34-42.	3.8	6
10	Direct Phosphination of Ferrocenium Ion with Tertiary Phosphines by the Mechanism of Oxidative Nucleophilic Substitution. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4494-4504.	2.0	7
11	(Indenyl)Iron Complex $[(\eta^5\text{-indenyl})\text{Fe}(\eta^6\text{-C}_6\text{H}_6)]^+ \text{X}^-$: Synthesis, Arene Exchange Reactions and Bonding. <i>ChemistrySelect</i> , 2017, 2, 3549-3556.	1.5	7
12	Iodide $[(\eta^5\text{-indenyl})\text{IrI}_2]^+$: an effective precursor to (indenyl)iridium sandwich complexes. <i>Mendeleev Communications</i> , 2016, 26, 491-493.	1.6	16
13	Teaching cyclopentadienyl how to leave: a case study of the $[\text{CpIr}(\text{COD})\text{Br}]^+ \text{X}^-$ complex. <i>New Journal of Chemistry</i> , 0, , .	2.8	2