

# Zsolt Kelemen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4687886/publications.pdf>

Version: 2024-02-01

43  
papers

906  
citations

586496

16  
h-index

536525

29  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligo- and polymerization of phosphatidylferrocenophanes to one dimensional phosphorus chains with ferrocenylene handles. <i>Polymer</i> , 2022, 242, 124589.	1.8	6
2	<i>o</i> -Carborane-based fluorophores as efficient luminescent systems both as solids and as water-dispersible nanoparticles. <i>Chemical Communications</i> , 2022, 58, 4016-4019.	2.2	15
3	Reversible Redox Chemistry of Anionic Imidazole-2-thione-Fused 1,4-Dihydro-1,4-diphosphinines. <i>Inorganic Chemistry</i> , 2022, 61, 4639-4646.	1.9	5
4	DFT mechanistic investigation of the 1,2-reduction of $\alpha,\beta$ -unsaturated ynones. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
5	Chalcogen-Transfer Rearrangement: Exploring Inter- versus Intramolecular P $\rightarrow$ P Bond Activation. <i>Chemistry - A European Journal</i> , 2021, 27, 641-648.	1.7	10
6	A rigid anionic Janus bis(NHC) – new opportunities in NHC chemistry. <i>Dalton Transactions</i> , 2021, 50, 689-695.	1.6	5
7	Phosphetes via Transition Metal Free Ring Closure – Taking the Proper Turn at a Thermodynamic Crossing. <i>Chemistry - A European Journal</i> , 2021, 27, 9782-9790.	1.7	9
8	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. <i>Inorganic Chemistry</i> , 2021, 60, 13029-13040.	1.9	3
9	Chalcogen-Transfer Rearrangement: Exploring Inter- versus Intramolecular P $\rightarrow$ P Bond Activation. <i>Chemistry - A European Journal</i> , 2021, 27, 463-463.	1.7	0
10	Basicity-Tuned Reactivity: <i>o</i> -diaza-[1,2]-Wittig versus <i>o</i> -diaza-[1,3]-Wittig Rearrangements of 3,4-Dihydro-2 <i>H</i> -1,2,3-benzothiadiazine 1,1-Dioxides. <i>Journal of Organic Chemistry</i> , 2021, 86, 1685-1700.	1.7	2
11	[4 + 2]-Cycloadditions of a thiazol-based tricyclic 1,4-diphosphinine and a new easy 1,4-diphosphinine protection deprotection strategy. <i>Dalton Transactions</i> , 2020, 49, 12776-12779.	1.6	6
12	Anthracene-styrene-substituted <i>m</i> -carborane derivatives: insights into the electronic and structural effects of substituents on photoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2370-2380.	3.0	6
13	<i>m</i> -Carborane as a Novel Core for Periphery-Decorated Macromolecules. <i>Molecules</i> , 2020, 25, 2814.	1.7	7
14	Stretching the P $\leftarrow$ C Bond. Variations on Carbenes and Phosphanes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2660-2671.	1.1	5
15	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. <i>Chemical Communications</i> , 2020, 56, 2646-2649.	2.2	9
16	Bulky 1,1 $\rightarrow$ 2-bisphosphanoferrocenes and their coordination behaviour towards Cu( $\eta^5$ ). <i>Dalton Transactions</i> , 2020, 49, 6668-6681.	1.6	19
17	Bis[3]Ferrocenophanes with Central $\sigma$ -E $\rightarrow$ E $\leftarrow$ Bonds (E, E $\leftarrow$ =P, SiH): Preparation, Properties, and Thermal Activation. <i>ChemistryOpen</i> , 2019, 8, 1235-1243.	0.9	13
18	Icosahedral carboranes as scaffolds for congested regioselective polyaryl compounds: the distinct distance tuning of C $\leftarrow$ C and its antipodal B $\leftarrow$ B. <i>Chemical Communications</i> , 2019, 55, 8927-8930.	2.2	7

#	ARTICLE	IF	CITATIONS
19	7-Metalla-1,4-diphosphanorbornadienes: cycloaddition of monovalent group 13 NacNac complexes to a stable 1,4-diphosphinine. Dalton Transactions, 2019, 48, 8248-8253.	1.6	20
20	Controllable access to P-functional [3]ferrocenophane and [4]ferrocenophane frameworks. Dalton Transactions, 2019, 48, 6236-6247.	1.6	8
21	A Ferrocenophane-Based Diaminophosphenium Ion. Organometallics, 2019, 38, 4717-4725.	1.1	8
22	Efficient blue light emitting materials based on <i>m</i> -carborane-anthracene dyads. Structure, photophysics and bioimaging studies. Biomaterials Science, 2019, 7, 5324-5337.	2.6	20
23	Luminescence properties of carborane-containing distyrylaromatic systems. Journal of Organometallic Chemistry, 2018, 865, 206-213.	0.8	17
24	PBP bridged [3]ferrocenophane: a bisphosphanylborane with a redox trigger. Chemical Communications, 2018, 54, 2471-2474.	2.2	20
25	1,4-Additions of tricyclic 1,4-diphosphinines – a novel system to study $\sigma$ -bond activation and $\pi$ - $\pi$ dispersion interactions. Chemical Communications, 2018, 54, 1182-1184.	2.2	17
26	Photoluminescence in <i>m</i> -carborane-anthracene triads: a combined experimental and computational study. Journal of Materials Chemistry C, 2018, 6, 11336-11347.	2.7	20
27	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. Chemical Communications, 2018, 54, 13555-13558.	2.2	14
28	A Stabilized Bisphosphanylsilylene and Its Heavier Congeners. Chemistry - A European Journal, 2018, 24, 16774-16778.	1.7	16
29	1,4-Diphosphinines from Imidazole-thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	7.2	38
30	Stereochemical Alignment in Triphospha[3]ferrocenophanes. Chemistry - A European Journal, 2017, 23, 10438-10450.	1.7	19
31	1,4-Diphosphinine aus Imidazol-thionen. Angewandte Chemie, 2017, 129, 9359-9363.	1.6	14
32	Organocatalytic activity of [3]ferrocenophanes: a computational study. Structural Chemistry, 2016, 27, 1569-1576.	1.0	3
33	Application of Imidazole-thione Substituents in Low-coordinate Phosphorus Chemistry – Probing the Scope. European Journal of Inorganic Chemistry, 2016, 2016, 3559-3573.	1.0	16
34	[3]Ferrocenophanes with the bisphosphanotetryl bridge: inorganic rings on the way to tetrylenes. Dalton Transactions, 2016, 45, 2180-2189.	1.6	25
35	Zwitterionic carbene adducts and their carbene isomers. RSC Advances, 2015, 5, 41795-41802.	1.7	22
36	An Abnormal N-Heterocyclic Carbene-Carbon Dioxide Adduct from Imidazolium Acetate Ionic Liquids: The Importance of Basicity. Chemistry - A European Journal, 2014, 20, 13002-13008.	1.7	68

#	ARTICLE	IF	CITATIONS
37	Simulating the vibrational spectra of ionic liquid systems: 1-Ethyl-3-methylimidazolium acetate and its mixtures. <i>Journal of Chemical Physics</i> , 2014, 141, 024510.	1.2	77
38	Synthesis of an Imidazolium Phosphanide Zwitterion and Its Conversion into Anionic Imidazolium Ylidene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10080-10083.	7.2	39
39	Significant Cation Effects in Carbon Dioxide "Ionic Liquid Systems. <i>ChemPhysChem</i> , 2013, 14, 315-320.	1.0	77
40	Oxazol-2-ylidenes. A new class of stable carbenes?. <i>RSC Advances</i> , 2013, 3, 7970.	1.7	32
41	On the Organocatalytic Activity of N-Heterocyclic Carbenes: Role of Sulfur in Thiamine. <i>Journal of Organic Chemistry</i> , 2012, 77, 6014-6022.	1.7	75
42	An organocatalytic ionic liquid. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5362.	1.5	98
43	A $\pi$ -functionalized [3]ferrocenophane with a dynamic SPS-bridge. <i>European Journal of Inorganic Chemistry</i> , 0, , .	1.0	0