Zsolt Kelemen

List of Publications by Year in descending order

43 papers	906 citations	516710 16 h-index	477307 29 g-index
47 all docs	47 docs citations	47 times ranked	941 citing authors

#	Article	IF	Citations
1	An organocatalytic ionic liquid. Organic and Biomolecular Chemistry, 2011, 9, 5362.	2.8	98
2	Significant Cation Effects in Carbon Dioxideâ€“Ionic Liquid Systems. ChemPhysChem, 2013, 14, 315-320.	2.1	77
3	Simulating the vibrational spectra of ionic liquid systems: 1-Ethyl-3-methylimidazolium acetate and its mixtures. Journal of Chemical Physics, 2014, 141, 024510.	3.0	77
4	On the Organocatalytic Activity of N-Heterocyclic Carbenes: Role of Sulfur in Thiamine. Journal of Organic Chemistry, 2012, 77, 6014-6022.	3.2	75
5	An Abnormal Nâ€Heterocyclic Carbeneâ€“Carbon Dioxide Adduct from Imidazolium Acetate Ionic Liquids: The Importance of Basicity. Chemistry - A European Journal, 2014, 20, 13002-13008.	3.3	68
6	Synthesis of an Imidazolium Phosphanide Zwitterion and Its Conversion into Anionic Imidazolâ€2â€ylidene Derivatives. Angewandte Chemie - International Edition, 2013, 52, 10080-10083.	13.8	39
7	1,4â€Diphosphinines from Imidazoleâ€2â€thiones. Angewandte Chemie - International Edition, 2017, 56, 9231-9235.	13.8	38
8	Oxazol-2-ylidenes. A new class of stable carbenes?. RSC Advances, 2013, 3, 7970.	3.6	32
9	[3]Ferrocenophanes with the bisphosphanotetryl bridge: inorganic rings on the way to tetrylenes. Dalton Transactions, 2016, 45, 2180-2189.	3.3	25
10	Zwitterionic carbene adducts and their carbene isomers. RSC Advances, 2015, 5, 41795-41802.	3.6	22
11	PBP bridged [3]ferrocenophane: a bisphosphanylborane with a redox trigger. Chemical Communications, 2018, 54, 2471-2474.	4.1	20
12	Photoluminescence in m-carboraneâ€“anthracene triads: a combined experimental and computational study. Journal of Materials Chemistry C, 2018, 6, 11336-11347.	5.5	20
13	7-Metalla-1,4-diphosphanorbornadienes: cycloaddition of monovalent group 13 NacNac complexes to a stable 1,4-diphosphinine. Dalton Transactions, 2019, 48, 8248-8253.	3.3	20
14	Efficient blue light emitting materials based on m-carboraneâ€“anthracene dyads. Structure, photophysics and bioimaging studies. Biomaterials Science, 2019, 7, 5324-5337.	5.4	20
15	Stereochemical Alignment in Triphospha[3]ferrocenophanes. Chemistry - A European Journal, 2017, 23, 10438-10450.	3.3	19
16	Bulky 1,1â€²-bisphosphanoferrocenes and their coordination behaviour towards Cu(<scp>i</scp>). Dalton Transactions, 2020, 49, 6668-6681.	3.3	19
17	Luminescence properties of carborane-containing distyrylaromatic systems. Journal of Organometallic Chemistry, 2018, 865, 206-213.	1.8	17
18	1,4-Additions of tricyclic 1,4-diphosphinines â€“ a novel system to study Ïƒ-bond activation and Ï€â€“Ï€ dispersion interactions. Chemical Communications, 2018, 54, 1182-1184.	4.1	17

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19	Application of Imidazoleâ€2â€thione Substituents in Lowâ€Coordinate Phosphorus Chemistry â€“ Probing the Scope. European Journal of Inorganic Chemistry, 2016, 2016, 3559-3573.	2.0	16
20	A Stabilized Bisphosphanylsilylene and Its Heavier Congeners. Chemistry - A European Journal, 2018, 24, 16774-16778.	3.3	16
21	o-Carborane-based fluorophores as efficient luminescent systems both as solids and as water-dispersible nanoparticles. Chemical Communications, 2022, 58, 4016-4019.	4.1	15
22	1,4â€Diphosphinine aus Imidazolâ€2â€thionen. Angewandte Chemie, 2017, 129, 9359-9363.	2.0	14
23	Expanding the chemistry of ring-fused 1,4-diphosphinines by stable mono anion formation. Chemical Communications, 2018, 54, 13555-13558.	4.1	14
24	Bisâ€[3]Ferrocenophanes with Central >Eâ”Eâ€™< Bonds (E, Eâ€™=P, SiH): Preparation, Properties, and Thermal Activation. ChemistryOpen, 2019, 8, 1235-1243.	1.9	13
25	Chalcogenâ€Transfer Rearrangement: Exploring Interâ€versus Intramolecular Pâ”P Bond Activation. Chemistry - A European Journal, 2021, 27, 641-648.	3.3	10
26	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. Chemical Communications, 2020, 56, 2646-2649.	4.1	9
27	Phosphetes via Transition Metal Free Ring Closure â€“ Taking the Proper Turn at a Thermodynamic Crossing. Chemistry - A European Journal, 2021, 27, 9782-9790.	3.3	9
28	Controllable access to P-functional [3]ferrocenophane and [4]ferrocenophane frameworks. Dalton Transactions, 2019, 48, 6236-6247.	3.3	8
29	A Ferrocenophane-Based Diaminophosphenium Ion. Organometallics, 2019, 38, 4717-4725.	2.3	8
30	Icosahedral carboranes as scaffolds for congested regioselective polyaryl compounds: the distinct distance tuning of Câ€“C and its antipodal Bâ€“B. Chemical Communications, 2019, 55, 8927-8930.	4.1	7
31	m-Carborane as a Novel Core for Periphery-Decorated Macromolecules. Molecules, 2020, 25, 2814.	3.8	7
32	[4 + 2]-Cycloadditions of a thiazol-based tricyclic 1,4-diphosphinine and a new easy 1,4-diphosphinine protection deprotection strategy. Dalton Transactions, 2020, 49, 12776-12779.	3.3	6
33	Anthraceneâ€“styrene-substituted m-carborane derivatives: insights into the electronic and structural effects of substituents on photoluminescence. Inorganic Chemistry Frontiers, 2020, 7, 2370-2380.	6.0	6
34	Oligo- and polymerization of phospha [2]ferrocenophanes to one dimensional phosphorus chains with ferrocenylene handles. Polymer, 2022, 242, 124589.	3.8	6
35	Stretching the Pâ€“C Bond. Variations on Carbenes and Phosphanes. Journal of Physical Chemistry A, 2020, 124, 2660-2671.	2.5	5
36	A rigid anionic Janus bis(NHC) â€“ new opportunities in NHC chemistry. Dalton Transactions, 2021, 50, 689-695.	3.3	5

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37	Reversible Redox Chemistry of Anionic Imidazole-2-thione-Fused 1,4-Dihydro-1,4-diphosphinines. Inorganic Chemistry, 2022, 61, 4639-4646.	4.0	5
38	Organocatalytic activity of [3]ferrocenophanes: a computational study. Structural Chemistry, 2016, 27, 1569-1576.	2.0	3
39	Toward a 1,4-Diphosphinine-Based Molecular CPS-Ternary Compound. Inorganic Chemistry, 2021, 60, 13029-13040.	4.0	3
40	Basicity-Tuned Reactivity: diaza-[1,2]-Wittig versus diaza-[1,3]-Wittig Rearrangements of 3,4-Dihydro-2H-1,2,3-benzothiadiazine 1,1-Dioxides. Journal of Organic Chemistry, 2021, 86, 1685-1700.	3.2	2
41	DFT mechanistic investigation of the 1,2â€reduction of Î±,Î²â€unsaturated ynones. ChemistrySelect, 2022, 7, .	1.5	2
42	Chalcogenâ€Transfer Rearrangement: Exploring Interâ€versus Intramolecular Pâ^'P Bond Activation. Chemistry - A European Journal, 2021, 27, 463-463.	3.3	0
43	A Pâ€functionalized [3]ferrocenophane with a dynamic SPSâ€bridge. European Journal of Inorganic Chemistry, 0, , .	2.0	0