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## Molecular double-bond covalent radii for elements Li-E112

DOI: 10.1002/chem.200901472

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488	Doubly and Triply Charged Species Formed from Chlorobenzene Reveal Unusual C-Cl Multiple Bonding. <b>2018</b> , 140, 4288-4292	8

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484	L C P : Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. <b>2018</b> , 57, 198-202		34
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460	A General Synthesis of Phosphorus- and Arsenic-Containing Analogues of the Thio- and Seleno-cyanate Anions. <b>2018</b> , 57, 8230-8234	20
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456	NHCs in Main Group Chemistry. <b>2018</b> , 118, 9678-9842	370
455	Bis( $\eta$ -pentafulvene)niobium(V) Complexes: Efficient Synthons for Niobium Carbene and Imido Derivatives. <b>2018</b> , 57, 12062-12066	5
454	Stabilisierung eines Blausäure-Dimers mit einer Lewis-Säure. <b>2018</b> , 130, 9311-9316	13
453	Arsagermene, a compound with an -As[double bond, length as m-dash]Ge[double bond splayed right] double bond. <b>2018</b> , 54, 10947-10949	7
452	Reactivity of TerN(SiMe <sub>3</sub> )BiCl <sub>2</sub> Synthesis of an Aminobismuthenium Cation and TerN(SiMe <sub>3</sub> )Bi(N <sub>3</sub> ) <sub>2</sub> . <b>2018</b> , 37, 2571-2580	12

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449	A Neutral $\eta^5$ -Aminoborole Complex of Germanium(II). <b>2018</b> , 57, 13319-13324	27
448	Bis( $\eta^5$ - $\eta^1$ -pentafulvene)niobium(V) Complexes: Efficient Synthons for Niobium Carbene and Imido Derivatives. <b>2018</b> , 130, 12238-12242	1
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441	The Parent Diarsene HAs=AsH as Side-on Bound Ligand in an Iron Carbonyl Complex. <b>2019</b> , 58, 16092-16096	7
440	Correlation between structure characteristics and dielectric properties of Li <sub>2</sub> Mg <sub>3-x</sub> Cu <sub>x</sub> TiO <sub>6</sub> ceramics based on complex chemical bond theory. <b>2019</b> , 45, 23509-23514	12
439	Theoretical Prediction for Synthetic Realization: Pyramidal Systems CLE[E $\eta^4$ R <sub>4</sub> ] (E = B $\eta^1$ , E $\eta^2$ = C $\eta^1$ , R = SiMe <sub>3</sub> , SiMetBu <sub>2</sub> ): A DFT Study. <b>2019</b> , 2019, 1-6	0
438	Phosphanyl Cyanophosphide Salts: Versatile PCN Building Blocks. <b>2019</b> , 131, 11551	
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214	P atom as ligand in transition metal chemistry: Structural aspects. <b>2021</b> , 434, 213730		1
213	Redox Chemistry of Heterobimetallic Polypnictogen Triple-Decker Complexes - Rearrangement, Fragmentation and Transfer. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9129-9140	4.8	6
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158	Observation of Aromatic Three-Membered Rings in GeC and GeO via Photoelectron Spectroscopy and Theoretical Calculations. <b>2021</b> , 60, 16645-16651		0
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152	Bicyclic Systems With Bridgehead (Ring Junction): Phosphorus, Arsenic, Antimony or Bismuth Atoms. <b>2020</b> ,		
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141	Evolution of Mercury-Earliest Atmosphere. <b>2021</b> , 2, 230		0
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134	Theoretical Study of Small Molecules Adsorption on Pristine and Transition Metal Doped GeSe Monolayer for Gas Sensing Application.. <b>2022</b> ,		5
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131	Triple-decker complexes incorporating three distinct deck architectures.. <b>2021</b> ,		2
130	Heavier group 13/15 multiple bond systems: synthesis, structure and chemical bond activation.. <b>2022</b> ,		3
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- 126 Formation and infrared spectroscopic characterization of carbon suboxide complexes  $TM-\eta-C O$  and the inserted ketenylidene complexes  $OCTMCCO$  ( $TM=Cu, Ag, Au$ ) in solid neon.. **2022**, ○
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92	Well-Stabilized but Strained Frustrated Lewis Pairs Based on Rh/N and Ir/N Couples.		0

91	Glucosylation mechanism of resveratrol through the mutant Q345F sucrose phosphorylase from the organism <i>Bifidobacterium adolescentis</i> : a computational study.	0
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89	Modulating the reactivity of phosphanylidene phosphoranes towards water with Lewis acids.	2
88	Heterobimetallic $\sigma$ -Halocarbyne complexes.	0
87	Significant $\pi$ -Bonding in Coinage Metal Complexes OCTMCCO- from Infrared Photodissociation Spectroscopy and Theoretical Calculations.	
86	Taming phosphorus mononitride.	1
85	Revealing the Role of the Cyaphide Ion as a Bridging Ligand in Heterometallic Complexes.	2
84	Revealing the Role of the Cyaphide Ion as a Bridging Ligand in Heterometallic Complexes.	
83	Exploring the Reactivity of Unsymmetrical Diphosphanes toward Heterocumulenes: Access to Phosphanyl and Phosphoryl Derivatives of Amides, Imines, and Iminoamides.	1
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76	The Highest Oxidation State of Rhodium: Rhodium(VII) in [RhO <sub>3</sub> ] <sup>+</sup> .	
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74	Water-Gas Shift Catalyzed by Iridium-Vanadium Oxide Clusters IrVO <sub>2</sub> with Iridium in a Rare Oxidation State of II. <b>2022</b> , 126, 5294-5301	0

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- 69 Taming Heavier Group 14 Imine Analogues: Accessing Tin Nitrogen [Sn=N] Double Bonds and their Cycloaddition/Metathesis Chemistry. 0
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