

An aromaticâ€“antiaromatic switch in P-heteroles. A small
big reactivity difference

Organic and Biomolecular Chemistry

4, 996

DOI: 10.1039/b516836h

Citation Report

#	ARTICLE	IF	CITATIONS
1	Organophosphorus π -Conjugated Materials. <i>Chemical Reviews</i> , 2006, 106, 4681-4727.	23.0	965
2	Phosphole-Modified Poly(thiophene)s: Unique Postfunctionalizable Conjugated Polymers That Sense Elemental Chalcogenides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6152-6155.	7.2	71
4	Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2007, 103, 407.	0.8	5
5	Electronic and Optical Properties of Ladder-type Heteropolymers. <i>Chemistry - A European Journal</i> , 2007, 13, 8051-8060.	1.7	87
6	Recent Developments in Phosphole-Containing Oligo- and Polythiophene Materials. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3611-3628.	1.0	125
7	Why are Phosphole Oxides Unstable? The Phenomenon of Antiaromaticity as a Destabilizing Factor. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4765-4771.	1.2	23
8	The important role of the phosphorus lone pair in phosphole aromaticity. <i>Heteroatom Chemistry</i> , 2007, 18, 754-758.	0.4	28
9	Phosphorus-Based Heteropentacenes: Efficiently Tunable Materials for Organic n-type Semiconductors. <i>Chemistry - A European Journal</i> , 2008, 14, 9878-9889.	1.7	130
10	Phospholes. , 2008, , 1029-1147.		17
11	Reinvestigation of the Reactions of 1-Phenyl-3,4-dimethylphosphole with Dimethyl Acetylenedicarboxylate. <i>Organometallics</i> , 2008, 27, 5169-5171.	1.1	6
12	π -Conjugated phosphole derivatives: synthesis, optoelectronic functions and coordination chemistry. <i>Dalton Transactions</i> , 2008, , 6865.	1.6	184
13	Dendrimeric Oligo(phenylenevinylene)-Extended Dithieno[3,2-b:2',3'-d]phospholes-Synthesis, Self-Organization, and Optical Properties. <i>Chemistry - A European Journal</i> , 2009, 15, 4135-4145.	1.7	59
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15	Benzo-1,3,2-diazaphospholide and benzo-1,3,2-diazaphospholium: an isoelectronic aromatic anion-cation pair. <i>Chemical Communications</i> , 2009, , 830-832.	2.2	8
16	Aromatic Phosphorus Heterocycles. <i>Topics in Heterocyclic Chemistry</i> , 2009, , 27-81.	0.2	49
17	Isostructural Phosphine-Phosphite Ligands in Rhodium-Catalyzed Asymmetric Hydroformylation. <i>Organometallics</i> , 2010, 29, 4440-4447.	1.1	40
18	3,4-Dithiaphosphole and 3,3',4,4'-Tetrathia-1,1'-biphosphole π -Conjugated Systems: S Makes the Impact. <i>Chemistry - A European Journal</i> , 2010, 16, 11340-11356.	1.7	45
19	Boosting the Nucleophilicity of Phosphole Lone Pairs by Isomerization. <i>Organometallics</i> , 2010, 29, 4785-4786.	1.1	17

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20	Synthesis and Reactions of Phosphaporphyrins: Reconstruction of π -Skeleton Triggered by Oxygenation of a Core Phosphorus Atom. <i>Journal of Organic Chemistry</i> , 2010, 75, 375-389.	1.7	45
21	<i>P</i> -Heterocycles as Ligands in Homogeneous Catalytic Reactions. <i>Chemical Reviews</i> , 2010, 110, 4257-4302.	23.0	258
22	Coordination-Driven Supramolecular Assembly of Phosphole-Based π -Conjugated Ligands. <i>Catalysis By Metal Complexes</i> , 2011, , 343-373.	0.6	7
23	Neutral species from α -non-protic N -heterocyclic ionic liquids. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2634.	1.5	48
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30	Oxazol-2-ylidenes. A new class of stable carbenes?. <i>RSC Advances</i> , 2013, 3, 7970.	1.7	32
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32	Evaluation of Triplet Aromaticity by the Indene-Isoindene Isomerization Stabilization Energy Method. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2764-2769.	1.2	48
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35	Synthesis, Electronic Properties and WOLED Devices of Planar Phosphorus-Containing Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , 2015, 21, 6547-6556.	1.7	54
36	Phosphorus-Based Chromophores: Emitters for OLEDs. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 845-853.	0.8	12
37	Phosphole-based ligands in catalysis. <i>Catalysis Science and Technology</i> , 2015, 5, 4289-4323.	2.1	49
38	Influence of π -Bonded Bulky Substituents on Electronic Interactions in Ferrocenyl-Substituted Phospholes. <i>Chemistry - A European Journal</i> , 2015, 21, 11545-11559.	1.7	39

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39	Edge modification of PAHs: the effect of embedded heterocycles on the aromaticity pattern. <i>Structural Chemistry</i> , 2015, 26, 1351-1357.	1.0	15
40	Ī-Conjugated phospholes and their incorporation into devices: components with a great deal of potential. <i>Chemical Society Reviews</i> , 2016, 45, 5296-5310.	18.7	216
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42	Strategies toward phosphorus-containing PAHs and the effect of P-substitution on the electronic properties. <i>Pure and Applied Chemistry</i> , 2017, 89, 341-355.	0.9	9
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45	Phosphorus-Containing Polycyclic Aromatic Hydrocarbons. <i>ChemPhysChem</i> , 2017, 18, 2618-2630.	1.0	66
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48	Ni(II) 10-Phosphacorrole: A Porphyrin Analogue Containing Phosphorus at the <i>Meso</i> Position. <i>Journal of the American Chemical Society</i> , 2019, 141, 4800-4805.	6.6	24
49	Phosphindole fused pyrrolo[3,2- <i>b</i>]pyrroles: a new single-molecule junction for charge transport. <i>Dalton Transactions</i> , 2019, 48, 6347-6352.	1.6	16
50	Pd(0)-Catalyzed Intramolecular α -Ylide-Ullmann-Type Cyclization of Carbonyl-Stabilized Phosphonium Ylides and Access to Phosphachromones by Exocyclic P-C Cleavage. <i>Organic Letters</i> , 2019, 21, 10018-10022.	2.4	12
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52	Synthesis of phospholes and 1,1-biphospholes mediated by zirconacyclopentadienes and PBr ₃ . <i>Tetrahedron Letters</i> , 2020, 61, 151388.	0.7	2
53	Janus bis(NHCs) tuned by heteroatom-bridge oxidation states. <i>Chemical Communications</i> , 2020, 56, 2646-2649.	2.2	9
54	[4+2] Cycloaddition reactions of 1-alkyl-2,3,4,5-tetraphenylphosphole derivatives. <i>Russian Chemical Bulletin</i> , 2020, 69, 492-495.	0.4	1
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58	A new strategy for hyperconjugative antiaromatic compounds utilizing negative charges: a dibenzo[b,f]silepinyl dianion. <i>Chemical Communications</i> , 2021, 57, 11330-11333.	2.2	1
59	Aromatic Phosphorus Heterocycles. <i>Topics in Heterocyclic Chemistry</i> , 2008, , 27.	0.2	1
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