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Connecting pi-chromophores by sigma-P-P bonds: new type of assemblies exhibiting sigma-pi-conjugation

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#	Paper	IF	Citations
90	1,4-Dihydro-1,4-diphosphinine fused with two tetrathiafulvalenes. <i>Chemical Communications</i> , 2004 , 2794-5	5.8	43
89	Transient 2H-phospholes as powerful synthetic intermediates in organophosphorus chemistry. <i>Accounts of Chemical Research</i> , 2004 , 37, 954-60	24.3	95
88	Organophosphorus π -conjugated materials: the rise of a new field. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 2482-2487	2.3	33
87	From model compounds to extended π -conjugated systems: synthesis and properties of dithieno[3,2-b:2',3'-d]phospholes. <i>Chemistry - A European Journal</i> , 2005 , 11, 4687-99	4.8	154
86	(π)-Conjugated Heterocyclic fused Bithiophene Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005 , 15, 389-409	3.2	41
85	Mechanistic studies on a novel, highly potent gold-phosphole inhibitor of human glutathione reductase. <i>Journal of Biological Chemistry</i> , 2005 , 280, 20628-37	5.4	70
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83	Combined Raman, electrochemical and DFT studies on a series of π -bithiophene-phosphole oligomers and their corresponding polymers. <i>Synthetic Metals</i> , 2005 , 153, 249-252	3.6	11
82	A Study of Mono- and 1,1'-Diphosphaferrocenes as Building Blocks for π -Conjugated Systems. <i>Organometallics</i> , 2005 , 24, 5369-5376	3.8	16
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77	Tuning of the optical properties and Lewis acidity of dibenzopnictogenaborins by modification on bridging main group elements. <i>Inorganic Chemistry</i> , 2006 , 45, 9137-44	5.1	87
76	Phosphorus copies of PPV: π -conjugated polymers and molecules composed of alternating phenylene and phosphalkene moieties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8836-44	16.4	120
75	Synthesis and unexpected reactivity of Si-H functionalized dithieno[3,2-b:2',3'-d]phospholes. <i>Organic Letters</i> , 2006 , 8, 503-6	6.2	48
74	Tuning of electronic properties in thienyl-phosphole π -conjugated systems through P-functionalization monitored by Raman spectroscopy. <i>Chemistry - A European Journal</i> , 2006 , 12, 3759-67	4.8	24

73	Phosphole-modified poly(thiophene)s: unique postfunctionalizable conjugated polymers that sense elemental chalcogenides. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6152-5	16.4	66
72	Phosphole-Modified Poly(thiophene)s: Unique Postfunctionalizable Conjugated Polymers That Sense Elemental Chalcogenides. <i>Angewandte Chemie</i> , 2006 , 118, 6298-6301	3.6	18
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70	Synthesis and photophysical properties of phosphole-cored dendrimers. <i>Organic Letters</i> , 2007 , 9, 3611-46.2		36
69	Interchain impacts on electronic structures of heterocyclic oligomers and polymers containing group 14, 15, and 16 heteroatoms: quantum chemical calculations in combination with molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 11670-9	3.4	36
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