

Maravanji S Balakrishna

List of Publications by Year in descending order

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124
papers

2,712
citations

147801

31
h-index

243625

44
g-index

127
all docs

127
docs citations

127
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry of pnictogen(iii)â€“nitrogen ring systems. Chemical Society Reviews, 2007, 36, 650-664.	38.1	128
2	Heterodifunctional ligands derived from monooxidized bis(phosphino)amines. Synthesis and transition metal (molybdenum(O), tungsten(O), rhodium(I), palladium(II), and platinum(II)) complexes of (diphenylphosphino)(diphenylphosphinothioly)- and (diphenylphosphino)(diphenylphosphinoselenoyl)phenylamine, Ph ₂ PN(Ph)P(E)Ph ₂ (E = S, Se). Crystal and		

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19	Copper(I) Complexes of Bis(2-(diphenylphosphino)phenyl) Ether: Synthesis, Reactivity, and Theoretical Calculations. <i>Inorganic Chemistry</i> , 2007, 46, 6535-6541.	4.0	40
20	Novel Trisphosphine Ligand Containing 1,3,5-Triazine Core, [2,4,6-C ₃ N ₃ {C ₆ H ₄ PPH ₂ }] ₃ . Synthesis and Transition Metal Chemistry. <i>Inorganic Chemistry</i> , 2014, 53, 1370-1381.	4.0	39
21	Two Triazole-Based Phosphine Ligands Prepared via Temperature-Mediated Li/H Exchange: Cu ^I and Au ^I Complexes and Structural Studies. <i>Inorganic Chemistry</i> , 2016, 55, 8514-8526.	4.0	39
22	Bis(2-diphenylphosphinoxynaphthalen-1-yl)methane: transition metal chemistry, Suzuki cross-coupling reactions and homogeneous hydrogenation of olefins. <i>Dalton Transactions</i> , 2006, , 1322-1330.	3.3	37
23	Novel octanuclear copper(i) metallomacrocycles and their transformation into hexanuclear 2-dimensional grids of copper(i) coordination polymers containing cyclodiphosphazanes, [(1/4-NtBuP) ₂ (NC ₄ H ₈ X) ₂] (X = NMe, O). <i>Dalton Transactions</i> , 2008, , 3272.	3.3	37
24	First examples of methylene insertion into the phosphorus(III)-nitrogen bond. <i>Inorganic Chemistry Communication</i> , 2001, 4, 437-440.	3.9	36
25	Synthesis and derivatization, structures and transition metal chemistry of a new large bite bis(phosphinite) derived from bis(2-hydroxy-1-naphthyl)methane. <i>Dalton Transactions RSC</i> , 2002, , 4617-4621.	2.3	36
26	An Acyclic Dimer of Cyclodiphosphazane { ^{sup} BuHN(^{sup} BuNP) ₂ OCH ₂ } ₂ Containing Alkoxo and Amido Functionalities: Synthesis, Derivatization, Bi- (Pd ^{II} , Rh ^I), and Tetranuclear (Pd ^{II} , Au ^I , Rh ^I , Au ^I) Transition Metal Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 1398-1406.	4.0	36
27	Resorcinol Based Acyclic Dimeric and Cyclic Di- and Tetrameric Cyclodiphosphazanes: Synthesis, Structural Studies, and Transition Metal Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 5919-5930.	4.0	36
28	Transition metal chemistry of phosphorus based ligands. Ruthenium(II) chemistry of bis(phosphino)amines, X ₂ PN(R)PX ₂ (R=H or Ph, X=Ph; R=Ph, X ₂ =O ₂ C ₆ H ₄). <i>Journal of Organometallic Chemistry</i> , 1998, 560, 131-136.	1.8	35
29	A cyclodiphosphazane based pincer ligand, [2,6-(1/4-(tBuN)2P(tBuHN)PO)2C ₆ H ₃ I]: NiII, PdII, PtII and CuI complexes and catalytic studies. <i>Dalton Transactions</i> , 2015, 44, 3785-3793.	3.3	35
30	Transition metal (Group 6, Ru and Group 10) derivatives of aminophosphines, Ph ₂ PN(H)R (R=Ph, C ₆ H ₁₁). <i>Journal of Organometallic Chemistry</i> , 2003, 679, 116-124.	1.8	33
31	Sterically Demanding Phosphines with 2,6-Dibenzhydryl-4-methylphenyl Core: Synthesis of Ru ^{II} , Pd ^{II} , and Pt ^{II} Complexes, and Structural and Catalytic Studies. <i>Inorganic Chemistry</i> , 2018, 57, 7468-7480.	4.0	33
32	One-dimensional silver(i) coordination polymers containing cyclodiphosphazane, cis-{(o-MeOC ₆ H ₄ O)P(A _μ -NtBu)} ₂ . <i>Dalton Transactions</i> , 2007, , 2957-2962.	3.3	32
33	Bi-, Tetra-, and Hexanuclear Au ^I and Binuclear Ag ^I Complexes and Ag ^I Coordination Polymers Containing Phenylaminobis(phosphonite), PhN{P(OC ₆ H ₄ OMe- <i>o</i>) ₂ } ₂ , and Pyridyl Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 2764-2776.	4.0	31
34	Gold(i) complexes of cyclodiphosphazanes cis-{RP(1/4-NtBu)} ₂ : structure of a novel tetranuclear gold(i) macrocycle, [{Au{(o-MeOC ₆ H ₄ O)P(1/4-NtBu)} ₂] ₄ (ClO ₄) ₄ . <i>Dalton Transactions</i> , 2009, , 5478.	3.3	31
35	Group 11 Metal Chemistry of a Tetradentate Ligand, Phenylene-1,4-diaminotetra(phosphonite), <i>o</i> -C ₆ H ₄ [N{P(OC ₆ H ₄ OMe- <i>o</i>) ₂ } ₂] ₂ . <i>Inorganic Chemistry</i> , 2009, 48, 3768-3782.	3.0	30
36	Cyclodiphosphazanes with functionalities: Synthesis, reactivity and transition metal chemistry. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 925-936.	1.8	29

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37	Synthesis and Molecular Structure of 1,3-Di- <i>tert</i> -butyl-2,4-bis(cyclodipentadienyl)iron(II) 1,3,2,4-Diazadiphosphetidine, [Fe(η^5 -C η^5 -H η^4) η^2 (PN <i>t</i> -Bu) η^2]. <i>Organometallics</i> , 2007, 26, 4677-4679.	2.3	28
38	New Silylated Iminophosphorano(amino)phosphines Me ₃ SiNPPh ₂ N(R)PPh ₂ (R = Et, nPr, nBu). Crystal and Molecular Structure of Trimethylsilyliminophosphorano(propylamino)diphenylphosphine Me ₃ SiNPPh ₂ N(nPr)PPh ₂ . Further Oxidative Derivatization with S, Se, and Azides, Titanium(IV) Transmetalation of the Imine, and Syntheses of Rhodium(I), Palladium(II), and Platinum(II) Complexes of These Iminophosphorano(amino)phosphines. <i>Inorganic Chemistry</i> , 2001, 40, 1802-1808.	4.0	27
39	Rare Au \cdots H Interactions in Gold(I) Complexes of Bulky Phosphines Derived from 2,6-Dibenzhydryl-4-methylphenyl Core. <i>Inorganic Chemistry</i> , 2020, 59, 3642-3658.	4.0	27
40	Synthesis, transition metal chemistry and catalytic reactions of ferrocenylbis(phosphonite), [Fe{C ₅ H ₄ P(OC ₆ H ₃ (OMe-o)(C ₃ H ₅ -p)} ₂]. <i>Dalton Transactions</i> , 2013, 42, 11695.	3.3	24
41	Diamondoid-Type Copper Coordination Polymers Containing Soft Cyclodiphosphazane Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 6063-6065.	4.0	24
42	Self-Assembled Cyclophane-Type Copper(I) Complexes of 2,4,6-Tris(diphenylphosphino)-1,3,5-triazine and Their Catalytic Application. <i>Inorganic Chemistry</i> , 2015, 54, 10985-10992.	4.0	24
43	Microwave-assisted copper(I) catalyzed A ³ -coupling reaction: Reactivity, substrate scope and the structural characterization of two coupling products. <i>Catalysis Communications</i> , 2018, 103, 78-82.	3.3	24
44	The Iminophosphorane-Phosphane Ph ₂ PC ₆ H ₄ OC ₆ H ₄ PPh ₂ =NP(O)(OPh) ₂ : Synthesis, Reactivity, and Catalytic Activity in Suzuki Cross-Coupling and the Homogeneous Hydrogenation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1930-1938.	2.0	23
45	Dinuclear Cu ^I complexes of pyridyl-diazadiphosphetidines and aminobis(phosphonite) ligands: synthesis, structural studies and antiproliferative activity towards human cervical, colon carcinoma and breast cancer cells. <i>Dalton Transactions</i> , 2014, 43, 11339-11351.	3.3	23
46	1,2,3-Triazole based bisphosphine, 5-(diphenylphosphanyl)-1-(2-(diphenylphosphanyl)-phenyl)-4-phenyl-1H-1,2,3-triazole: an ambidentate ligand with switchable coordination modes. <i>RSC Advances</i> , 2018, 8, 25704-25718.	3.6	23
47	New 1,2,3-triazole based bis- and trisphosphine ligands: synthesis, transition metal chemistry and catalytic studies. <i>Dalton Transactions</i> , 2020, 49, 3434-3449.	3.3	23
48	Gold(η^1) complexes of bisphosphines with bis(azol-1-yl)methane backbone: structure of a rare dinuclear gold(η^1) complex [(Au η^2 -Cl){CH η^2 (1,2-C η^3 -H η^2 -N η^2 -PPh η^2) η^2 }] ₂ . <i>Dalton Transactions</i> , 2015, 44, 17696-17703.	3.3	22
49	Transition metal chemistry of cyclodiphosphanes containing phosphine and amide-phosphine functionalities: Formation of a stable dipalladium(II) complex containing a Pd \cdots P σ -bond. <i>Dalton Transactions</i> , 2010, 39, 11149.	3.3	21
50	New bisphosphonide ligands, 1,3-phenylenebis((diphenylphosphino)methanone) and (2-bromo-1,3-phenylene)bis((diphenylphosphino)methanone): synthesis, coordination behavior, DFT calculations and catalytic studies. <i>Dalton Transactions</i> , 2013, 42, 11385.	3.3	21
51	A hybrid terpyridine-based bis(diphenylphosphino)amine ligand, terpy-C η^6 -H η^4 -N(PPh η^2) η^2 : synthesis, coordination chemistry and photoluminescence studies. <i>Dalton Transactions</i> , 2016, 45, 18434-18437.	3.3	21
52	Diverse Architectures and Luminescence Properties of Group 11 Complexes Containing Pyrimidine-Based Phosphine, N-((Diphenylphosphine)methyl)pyrimidin-2-amine. <i>ACS Omega</i> , 2018, 3, 16601-16614.	3.5	21
53	Cyclodiphosphazane- κ -(<i>o</i> -MeOC ₆ H ₄ O)P(η^4 -NtBu) ₂ as a Bridging Bidentate Ligand: Synthesis, Structures of Heterometallic Complexes, and Halogen Exchange Between Rh \cdots Cl and Cu \cdots X (X = Br, I). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4988-4997.	2.0	20
54	Immobilization of an Aminobisphosphine \cdots Pd ^{II} Complex over Graphene Oxide: An Efficient and Reusable Catalyst for Suzuki \cdots Miyaura, Ullmann Coupling and Cyanation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3374-3383.	2.0	20

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55	Tris(4-methylpiperazinyl)phosphane, P(NC ₄ H ₈ NMe) ₃ : Synthesis, Structural Studies, Group 10 and 11 Metal Complexes and Catalytic Investigations. European Journal of Inorganic Chemistry, 2008, 2008, 596-604.	2.0	19
56	Functionalized cyclodiphosphazanes cis-[tBuNP(OR)] ₂ (R=C ₆ H ₄ OMe-o, CH ₂ CH ₂ OMe, CH ₂ CH ₂ SM _e) Tj ETQq0 0 0 rgBT /Overlock 10 T 2642-2648.	1.8	18
57	An efficient approach for the synthesis of functionalized selenoethers and selenacalix[4]thiophenes, {2,5-(¹ / ₄ -Se)(3,4-dialkoxythiophene)} ₄ . Tetrahedron Letters, 2014, 55, 5232-5235.	1.4	18
58	Coordination of bis(azol-1-yl)methane-based bisphosphines towards Ru ^{II} , Rh ^I , Pd ^{II} and Pt ^{II} : synthesis, structural and catalytic studies. Dalton Transactions, 2017, 46, 227-241.	3.3	18
59	Mononuclear, Tetranuclear and 1D Polymeric Copper(I) Complexes of Large Bite Bisphosphines Containing Nitrogen and Oxygen Donor Atoms. European Journal of Inorganic Chemistry, 2015, 2015, 3949-3958.	2.0	17
60	A phosphomide based PNP ligand, 2,6-{Ph ₂ PC(O)} ₂ (C ₅ H ₃ N), showing PP, PNP and PNO coordination modes. Dalton Transactions, 2015, 44, 4167-4179.	3.3	17
61	Mono-, Bi-, Tri- and Tetranuclear Palladium(II), Copper(I), and Gold(I) Complexes of Morpholine- and N-Methylpiperazine-Functionalized Cyclodiphosph(III)azans, cis-[(tBuN- ¹ / ₄) ₂ (PNC ₄ H ₈ X) ₂] (X = O, NMe). European Journal of Inorganic Chemistry, 2010, 2010, 4201-4210.	2.0	16
62	Cyclodiphosphazane appended with thioether functionality: Synthesis, transition metal chemistry and catalytic application in Suzuki-Miyaura cross-coupling reactions. Inorganica Chimica Acta, 2011, 372, 259-265.	2.4	16
63	Synthesis and transition metal chemistry of a bridging diphosphinite, 1,4 bis(diphenylphosphinoxy)benzene. Journal of Organometallic Chemistry, 2011, 696, 3616-3622.	1.8	15
64	Synthesis and Derivatization of the Bis(amido) ³ -cyclodiphosphazanes <i>cis</i> -[R ² (H)NP(¹ / ₄ NR)] ₂ , Including a Rare Example, <i>trans</i> -[tBu(H)N(SeP(¹ / ₄ NCy))] ₂ , Showing Intermolecular Se ²⁺ ···H···O Hydrogen Bonding. European Journal of Inorganic Chemistry, 2011, 2011, 2264-2272.	2.0	15
65	Bisamino(diphosphonite) with dangling olefin functionalities: synthesis, metal chemistry and catalytic utility of Rh ^I and Pd ^{II} complexes in hydroformylation and Suzuki-Miyaura reactions. Dalton Transactions, 2014, 43, 1082-1095.	3.3	15
66	Construction of the First Rhodium(I) Cyclic Pentameric Structure [Rh(CO)Cl{(¹ / ₄ -NtBuP) ₂ (C ₆ H ₅) ₂ }] ₅ Using (Phenylethynyl)cyclodiphosphazanes. Inorganic Chemistry, 2015, 54, 1200-1202.	4.0	15
67	Synthesis and structural characterization of copper(I) halide complexes containing bis(azol-1-yl)methane derived bisphosphines. Inorganica Chimica Acta, 2016, 443, 243-250.	2.4	14
68	Group 11 Metal Complexes of the Mesocyclic Thioether Aminophosphonites [-OC ₁₀ H ₆ (¹ / ₄ -S)C ₁₀ H ₆ O-]PNC ₄ H ₈ E (E = O, NMe). European Journal of Inorganic Chemistry, 2007, 2007, 720-731.	2.0	13
69	Synthesis of Indoles and Benzofurans Using a Graphene Oxide-Grafted Aminobisphosphine-Pd ^{II} Complex. ACS Omega, 2018, 3, 15018-15023.	3.5	13
70	Synthesis and transition metal complexes of 1,1- ² -bis(diphenylethynylphosphino)ferrocene. Polyhedron, 2019, 158, 173-182.	2.2	13
71	Di-, tetra- and polynuclear Rh ^I complexes containing phenylene-1,4-diaminotetra(phosphonite), p-C ₆ H ₄ [N{P(OC ₆ H ₄ OMe-o) ₂ }] ₂ and their catalytic investigation towards transfer hydrogenation reactions. Dalton Transactions, 2009, , 1984.	3.3	12
72	Synthesis of Phosphine Chalcogenides Under Solvent-Free Conditions Using a Rotary Ball Mill. European Journal of Inorganic Chemistry, 2018, 2018, 1028-1037.	2.0	12

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73	Triazole Appended Phosphines: Synthesis, Palladium Complexes, and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2392-2402.	2.0	12
74	Novel approach to benzo-fused 1,2-azaphospholene involving a Pd(η^2)-assisted tandem P=C bond cleavage and P=N bond formation reaction. <i>Chemical Communications</i> , 2021, 57, 4835-4838.	4.1	12
75	Synthesis of tetra-pincer nickel(η^2) and palladium(η^2) complexes of resorcin[4]arene-octophosphinite [Res(OPR ₂) ₈] and rhodium-catalyzed regioselective hydroformylation reaction. <i>Dalton Transactions</i> , 2019, 48, 14632-14641.	3.3	11
76	Recent advances in organophosphorus-chalcogen and organophosphorus-pincer based macrocyclic compounds and their metal complexes. <i>Dalton Transactions</i> , 2021, 50, 6382-6409.	3.3	11
77	Copper and palladium complexes of 2-(diphenylphosphino)-N,N-dimethylbenzylamine and its selenide derivative. <i>Polyhedron</i> , 2013, 62, 203-207.	2.2	10
78	Quaternization and oxidation reactions of cyclodiphosphazane derivatives and their copper(i) and gold(i) complexes. <i>Dalton Transactions</i> , 2014, 43, 8835-8848.	3.3	10
79	Catechol and 1,2,4,5-tetrahydroxybenzene functionalized cyclodiphosphazane ligands: synthesis, structural studies, and transition metal complexes. <i>Dalton Transactions</i> , 2019, 48, 3610-3624.	3.3	10
80	P=Cl bond-induced lactamization of 2(2-hydroxy)phenyloxazoline to form a cyclic phosphinite, 3-(2-chloroethyl)-2-phenyl-2H-benzo[e][1,3,2]oxaza-phosphinin-4(3H)-one: synthesis, structural studies and transition metal complexes. <i>Dalton Transactions</i> , 2014, 43, 584-591.	3.3	9
81	Application of bisphosphomide-palladium(II) pincer complex in Suzuki-Miyaura cross-coupling reaction under microwave irradiation. <i>Journal of Chemical Sciences</i> , 2014, 126, 711-716.	1.5	9
82	First examples of tri- and tetraphosphametacyclophanes: synthesis and isolation of an unusual hexapalladium complex containing pincer units with Pd=P covalent bonds. <i>Dalton Transactions</i> , 2017, 46, 6510-6513.	3.3	9
83	Suzuki-Miyaura, Mizoroki-Heck carbon-carbon coupling and hydrogenation reactions catalysed by PdII and RhI complexes containing cyclodiphosphazane cis-{tBuNP(OC ₆ H ₄ OMe-o)} ₂ . <i>Journal of Chemical Sciences</i> , 2010, 122, 137-142.	1.5	8
84	Cyclodiphosphazane appended with pyridyl functionalities: Reactivity, transition metal chemistry and structural studies. <i>Journal of Organometallic Chemistry</i> , 2015, 779, 45-54.	1.8	8
85	Application of quinoxaline based diimidazolium salt in palladium catalyzed cross-coupling reactions. <i>Journal of Chemical Sciences</i> , 2015, 127, 879-884.	1.5	8
86	Ru ^{II} complexes of 1,2,3-triazole appended tertiary phosphines,		

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91	Reaction of PdCl ₂ with Diphenylacetylene Revisited: Effect of Solvents and Ball Milling on Cyclization and Crystal Structures of Dimeric Cyclobutenylpalladium Chloride Complexes. ChemistrySelect, 2018, 3, 1242-1247.	1.5	6
92	The Chemistry of Bisphosphonide and 1,2-Phenylenediamine Based PBP Pincer Transition Metal Complexes and Catalytic Applications. , 2018, , 623-642.		6
93	Versatile Coordination Modes of 2,6-Bis(2-(diphenylphosphanyl)-1H-imidazol-1-yl)pyridine in Cu(I) and Au(I) Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 2718-2725.	2.0	6
94	Synthesis, structural and photoluminescence studies of copper(I) complexes containing bis(azol-1-yl)methane derived bisphosphines. Polyhedron, 2016, 107, 190-195.	2.2	5
95	The 2-(4-Phenyl-1H-1,2,3-triazol-1-yl)ethanol-Based Phosphinite Ligand Ph ₂ POCH ₂ CH ₂ [1,2,3-N ₃ C(Ph)C(H)] - Synthesis, Transition-Metal Complexes, and Structural Studies. European Journal of Inorganic Chemistry, 2018, 2018, 1707-1714.	2.0	5
96	Platinum Assisted Tandem P-C Bond Cleavage and P-N Bond Formation in Amide Functionalized Bisphosphine $\text{Ph}_2\text{P}(\text{CH}_2)_6\text{P}(\text{CH}_2)_4\text{C}(\text{O})\text{N}(\text{H})\text{C}(\text{CH}_2)_6\text{P}(\text{CH}_2)_4\text{P}(\text{Ph})_2\text{O}$: Synthesis, Mechanistic, and Catalytic Studies. Inorganic Chemistry, 2022, 61, 857-868.	4.0	5
97	1,2,3-Triazole based ligands with phosphine and pyridine functionalities: synthesis, Pd ^{II} and Pt ^{II} chemistry and catalytic studies. Dalton Transactions, 2022, 51, 5480-5493.	3.3	5
98	Mono-, di- and tetranuclear rhodium(I) complexes of morpholine and N-methylpiperazine functionalized cyclodiphosph(III)azanes, cis-[(t BuN ^{1/4}) ₂ (PNC ₄ H ₈ X) ₂] (X = O, NMe). Journal of Chemical Sciences, 2011, 123, 861-868.	1.5	4
99	Allyl functionalized phosphinite and phosphonite ligands: Synthesis, transition metal chemistry and orthopalladation reactions. Journal of Chemical Sciences, 2012, 124, 773-779.	1.5	4
100	Simple tertiary phosphines to hexaphosphane ligands: Syntheses, transition metal chemistry and their catalytic applications. Journal of Chemical Sciences, 2012, 124, 1191-1204.	1.5	4
101	Synthesis, reactivity and transition metal complexes of 1,1'-bis(diethynylphosphino)ferrocene. Journal of Coordination Chemistry, 0, , 1-13.	2.2	4
102	Hydrazone derivatives appended to diphenylphosphine oxide as anion sensors. Journal of Chemical Sciences, 2017, 129, 471-481.	1.5	3
103	The 2-(4-Phenyl-1H-1,2,3-triazol-1-yl)ethanol-Based Phosphinite Ligand Ph ₂ POCH ₂ CH ₂ [1,2,3-N ₃ C(Ph)C(H)] - Synthesis, Transition-Metal Complexes, and Structural Studies. European Journal of Inorganic Chemistry, 2018, 2018, 1694-1694.	2.0	3
104	Copper(I) complexes of cyclodiphosphazanes. , 2019, , 345-373.		3
105	Transition metal complexes of imidazole appended pyridine linked bisphosphine, 2,6-bis(2-(diphenylphosphanyl)-1H-imidazol-1-yl)pyridine. Results in Chemistry, 2021, 3, 100161.	2.0	3
106	Synthesis, structural, characterization and Hirshfeld analysis of a bis-selenide and a zinc complex of a new hemilabile ferrocenylbisphosphane, [Fe{C ₅ H ₄ PC ₆ H ₄ CH ₂ NMe ₂ } ₂]·2THF. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 725-733.	0.5	3
107	Group 11 metal complexes of the dinucleating triazole appended bisphosphine 1,4-bis(5-(diisopropylphosphanyl)-1-phenyl-1H-1,2,3-triazol-4-yl)benzene. Dalton Transactions, 2021, 50, 16782-16794.	3.3	3
108	Phospholes. , 2022, , 711-748.		3

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109	A mixed-valent cyclodiphosphazane: Transition metal chemistry and cis/trans isomerisation. Journal of Chemical Sciences, 2015, 127, 979-986.	1.5	2
110	Transition metal chemistry of large-bite bisphosphines, N,N-bis(diphenylphosphinobenzyl)-N-phenylamine and bis(2-diphenylphosphinobenzyl)ether. Journal of Organometallic Chemistry, 2016, 809, 21-30.	1.8	2
111	Macrocyclic cyclodiphosphazane $\mu\text{-}(\text{BuN})_2(\text{O}-\text{m})$ synthesis of chalcogen derivatives and gold(I) complex. Journal of Chemical Sciences, 2017, 129, 1531-1537.	1.5	2
112	Transition metal complexes of N1,N1,N2,N2-tetrakis(diphenylphosphaneyl)-ethane-1,2-diamine [(Ph ₂ P)2NCH ₂ CH ₂ N(PPh ₂) ₂]. Polyhedron, 2019, 172, 87-94.	2.2	2
113	Synthesis and metal complexes of a tertiary phosphine, 2-(2-(diphenylphosphaneyl)-1H-imidazol-1-yl)pyridine containing pyridyl and imidazole moieties. Polyhedron, 2020, 190, 114779.	2.2	2
114	Palladium(II) and copper(I) complexes of wide angle bisphosphine, 1,4-bis((diphenylphosphino)methyl)benzene. Journal of Chemical Sciences, 2017, 129, 1115-1120.	1.5	2
115	2,2'-Bipyridine derived doubly B-N fused bisphosphine-chalcogenides, [C ₅ H ₃ N(BF ₂)NCH ₂ P(E)Ph ₂] ₂ (E = O, S, Se): tuning of structural features and photophysical studies. Dalton Transactions, 2022, 51, 6884-6898.	3.3	2
116	Silver(I) Complexes of Bisphosphines PhN{P(OC ₆ H ₄ C ₃ H ₅ -o) ₂ } ₂ (1) and 2,6-{Ph ₂ PC(O)} ₂ C ₅ H ₃ N (2). Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2016, 86, 601-604.	1.2	1
117	Chloro(triphenylphosphole)gold(I) - A selective Chemosensor for Cysteine. Journal of Chemical Sciences, 2016, 128, 201-206.	1.5	1
118	Copper chemistry of aminobis(phosphines) and phosphines appended with nitrogen-containing heterocycles. , 2019, , 375-406.		1
119	Six-Membered Rings With Two or More Heteroatoms With at Least One Phosphorus. , 2022, , 735-767.		1
120	Synthesis and characterization of Mo(0) and W(0) complexes of bis(azol-1-yl)methane based bisphosphines. Journal of Coordination Chemistry, 2021, 74, 2253-2262.	2.2	1
121	Synthesis, Crystal Structures and Hirshfeld Surface Analysis of Bis[di(2-methoxyphenyl)phosphoroselenoyl]-2,4-cyclopentadien-1-yl]iron(II) and Ruthenium(II)-6-arene Complex of Bis-[di(2-allylphenyl)phosphonite]-2,4-cyclopentadien-1-yl]iron(II). Journal of Chemical Crystallography, 0, , 1.	1.1	1
122	Tetrakis(1-naphthylamino)silane and its tetrahydrofuran trisolvate. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o617-o619.	0.4	0
123	Immobilization of an Aminobisphosphine-PdII Complex Over Graphene Oxide: an Efficient and Reusable Catalyst for Suzuki-Miyaura, Ullmann Coupling and Cyanation Reactions. European Journal of Inorganic Chemistry, 2018, 2018, 3355-3355.	2.0	0
124	Chloropalladated tetranuclear and copper(I) complexes of propargylamines [RCâ% _j CCH ₂ NC ₄ H ₈ NCH ₂ Câ% _j CR]. Journal of Organometallic Chemistry, 2019, 897, 247-253.	1.8	0