

Tarun K Panda

List of Publications by Year in descending order

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129
papers

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#	ARTICLE	IF	CITATIONS
1	Rare-Earth Metal Alkyl, Amido, and Cyclopentadienyl Complexes Supported by Imidazolin-2-iminato Ligands: Synthesis, Structural Characterization, and Catalytic Application. <i>Inorganic Chemistry</i> , 2010, 49, 2435-2446.	4.0	118
2	An Improved Synthesis of Sodium and Potassium Cyclopentadienide. <i>Organometallics</i> , 2003, 22, 877-878.	2.3	111
3	Bis(phosphinimino)methanides as ligands in divalent lanthanide and alkaline earth chemistry – synthesis, structure, and catalysis. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5078-5089.	1.8	101
4	Cyclooctatetraene Complexes of Yttrium and the Lanthanides with Bis(phosphinimino)methanides: Synthesis, Structure, and Hydroamination/Cyclization Catalysis. <i>Organometallics</i> , 2005, 24, 2197-2202.	2.3	94
5	Main-group and transition-metal complexes of bis(phosphinimino)methanides. <i>Chemical Society Reviews</i> , 2009, 38, 2782.	38.1	94
6	Rare Earth and Alkaline Earth Metal Complexes with Me ₂ Si-Bridged Cyclopentadienyl-imidazolinimine Ligands and Their Use as Constrained Geometry Hydroamination Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4270-4279.	2.0	89
7	Imidazolin-2-iminato Complexes of Rare Earth Metals with Very Short Metal-Nitrogen Bonds: Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2009, 48, 5462-5472.	4.0	89
8	Catalytic Hydroboration of Organic Nitriles Promoted by Aluminum Complex. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 850-857.	4.3	68
9	Overview of Regioselective and Stereoselective Catalytic Hydroboration of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4818-4840.	4.3	65
10	Syntheses and structures of mononuclear lutetium imido complexes with very short Lu-N bonds. <i>Chemical Communications</i> , 2007, , 5007.	4.1	59
11	Salt Metathesis and Direct Reduction Reactions Leading to Group 3 Metal Complexes with a $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Bis(2,6-diisopropylphenyl)-1,4-diaza-1,3-butadiene Ligand and Their Solid-State Structures. <i>Organometallics</i> , 2010, 29, 2610-2615.	2.3	58
12	Alkali metal complexes as efficient catalysts for hydroboration and cyanosilylation of carbonyl compounds. <i>Dalton Transactions</i> , 2018, 47, 12613-12622.	3.3	53
13	Facile reduction of carboxylic acids to primary alcohols under catalyst-free and solvent-free conditions. <i>Chemical Communications</i> , 2019, 55, 1386-1389.	4.1	50
14	Controlled Benzoylation of $\langle i \rangle \pm$ -Diimine Ligands Bound to Zirconium and Hafnium: An Alternative Method for Preparing Mono- and Bis(amido)M(CH ₂ Ph) _{$\langle i \rangle n \langle /i \rangle$} ($\langle i \rangle n \langle /i \rangle = 2, 3$) Complexes as Catalyst Precursors for Isospecific Polymerization of $\langle i \rangle \pm$ -Olefins. <i>Organometallics</i> , 2009, 28, 680-687.	2.3	49
15	Alkali-Metal-Catalyzed Cross-Dehydrogenative Couplings of Hydrosilanes with Amines. <i>ChemCatChem</i> , 2016, 8, 1373-1378.	3.7	48
16	Intramolecular Alkylation of $\langle i \rangle \pm$ -Diimine Ligands Giving Amido-imino and Diamido Scandium and Yttrium Complexes as Catalysts for Intramolecular Hydroamination/Cyclization. <i>Organometallics</i> , 2010, 29, 3463-3466.	2.3	46
17	Highly Active and Isoselective Catalysts for the Ring-Opening Polymerization of Cyclic Esters using Group-2 Metal Initiators. <i>Chemistry - A European Journal</i> , 2017, 23, 9319-9331.	3.3	41
18	Dianion and Monoanion Ligation of 1,4-Diaza-1,3-butadiene to Barium, Strontium, and Calcium. <i>Organometallics</i> , 2012, 31, 3178-3184.	2.3	40

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19	Yttrium and Lanthanide Complexes Having a Chiral Phosphanylamine in the Coordination Sphere. <i>Inorganic Chemistry</i> , 2006, 45, 910-916.	4.0	38
20	Highly Chemoselective Hydroboration of Alkynes and Nitriles Catalyzed by Group 4 Metal Amidophosphine-Borane Complexes. <i>ACS Omega</i> , 2020, 5, 1595-1606.	3.5	38
21	Group 1 and group 2 metal complexes supported by a bidentate bulky iminopyrrolyl ligand: synthesis, structural diversity, and μ -caprolactone polymerization study. <i>Dalton Transactions</i> , 2015, 44, 19865-19879.	3.3	36
22	Alkali metal catalyzed dehydro-coupling of boranes and amines leading to the formation of a B-N bond. <i>RSC Advances</i> , 2016, 6, 35648-35653.	3.6	36
23	Aluminium complex as an efficient catalyst for the chemo-selective reduction of amides to amines. <i>Dalton Transactions</i> , 2019, 48, 11978-11984.	3.3	36
24	An imidazolin-2-iminato ligand organozinc complex as a catalyst for hydroboration of organic nitriles. <i>New Journal of Chemistry</i> , 2019, 43, 16812-16818.	2.8	36
25	Preparation and Structure of Iminopyrrolyl and Amidopyrrolyl Complexes of Group 2 Metals. <i>Organometallics</i> , 2012, 31, 2268-2274.	2.3	35
26	N-(2,6-Dimethylphenyl)diphenylphosphinamine chalcogenides (S, Se) and a zirconium complex possessing phosphanylamine in the coordination sphere. <i>New Journal of Chemistry</i> , 2012, 36, 2280.	2.8	34
27	Heavier alkaline earth metal complexes with phosphinoselenoic amides: evidence of direct M-Se contact (M = Ca, Sr, Ba). <i>Dalton Transactions</i> , 2013, 42, 4947.	3.3	34
28	Aluminium complex-catalysed hydroboration of alkenes and alkynes. <i>New Journal of Chemistry</i> , 2019, 43, 10531-10536.	2.8	34
29	Ring Opening Polymerization and Copolymerization of Cyclic Esters Catalyzed by Group 2 Metal Complexes Supported by Functionalized P-N Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 2503-2516.	4.0	32
30	Hydroboration, Cyanosilylation, and Sequential Cyanosilylation and Hydroboration of Carbonyl Compounds in the Presence of a Ti(IV) Amido Complex as an Efficient Catalyst. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3180-3192.	2.4	32
31	Imidazolin-2-iminato Ligand-Supported Titanium Complexes as Catalysts for the Synthesis of Urea Derivatives. <i>Inorganic Chemistry</i> , 2016, 55, 1142-1153.	4.0	31
32	Highly Active Dinuclear Titanium(IV) Complexes for the Catalytic Formation of a Carbon-Heteroatom Bond. <i>Inorganic Chemistry</i> , 2018, 57, 12610-12623.	4.0	31
33	Highly Reactive Metal-Nitrogen Bond Induced C-H Bond Activation and Azametallacycle Formation. <i>Organometallics</i> , 2010, 29, 34-37.	2.3	30
34	Titanium and zirconium complexes of the N_2 -bis(2,6-diisopropylphenyl)-1,4-diaza-butadiene ligand: syntheses, structures and uses in catalytic hydrosilylation reactions. <i>Dalton Transactions</i> , 2014, 43, 14876-14888.	3.3	29
35	Hydroamination of carbodiimides, isocyanates, and isothiocyanates by a bis(phosphinoselenoic amide) supported titanium(IV) complex. <i>Dalton Transactions</i> , 2016, 45, 17824-17832.	3.3	29
36	Bis(phosphinoselenoic amides) as versatile chelating ligands for alkaline earth metal (Mg, Ca, Sr and Ba) complexes. <i>Dalton Transactions</i> , 2016, 45, 8757-8766.	3.3	28

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37	Aluminium complexes: next-generation catalysts for selective hydroboration. Dalton Transactions, 2022, 51, 3027-3040.	3.3	25
38	Syntheses and structures of lanthanide complexes containing a bis(imidazolin-2-imino)pyridine pincer ligand. Inorganica Chimica Acta, 2008, 361, 2236-2242.	2.4	24
39	Reactions of Potassium Bis(phosphinimino)methanide with Group 11 Compounds. Inorganic Chemistry, 2006, 45, 7503-7508.	4.0	23
40	Amidophosphine-Borane Complexes of Alkali Metals and the Heavier Alkaline-Earth Metals: Syntheses and Structural Studies. Organometallics, 2013, 32, 4473-4482.	2.3	23
41	Synthesis and structural studies of dimeric sodium compounds having pentametallacyclooctane and hexametallacyclo undecane structure using different phosphinamine derivatives. Journal of Molecular Structure, 2013, 1036, 188-195.	3.6	23
42	Homoleptic Zinc-Catalyzed Hydroboration of Aldehydes and Ketones in the Presence of HBpin. European Journal of Inorganic Chemistry, 2020, 2020, 467-474.	2.0	23
43	Synthesis and characterization of homoleptic imidazolin-2-iminato rare earth metal complexes. Journal of Organometallic Chemistry, 2010, 695, 2768-2773.	1.8	22
44	Marigold wastewater treatment in a lab-scale and a field-scale continuous bipolar-mode electrocoagulation system. Journal of Cleaner Production, 2020, 245, 118693.	9.3	22
45	Alkali Metal-Promoted Facile Synthesis of Secondary Amines from Imines and Carbodiimides. Applied Organometallic Chemistry, 2020, 34, e5765.	3.5	21
46	Zirconium complexes having a chiral phosphanyl amide in the co-ordination sphere. Dalton Transactions, 2005, , 2147.	3.3	20
47	Dehydrogenative Coupling of Hydrosilanes and Alcohols by Alkali Metal Catalysts for Facile Synthesis of Silyl Ethers. Australian Journal of Chemistry, 2017, 70, 724.	0.9	20
48	Unprecedented Zinc-Borane Complexes. Chemistry - A European Journal, 2010, 16, 7096-7100.	3.3	19
49	Calcium complexes with imino-phosphanilido chalcogenide ligands for heterofunctionalisation catalysis. RSC Advances, 2016, 6, 57835-57843.	3.6	19
50	characterization, catecholase and phenoxazinone synthase activity and DFT-TDDFT study. Journal of Coordination Chemistry, 2018, 71, 1214-1233.	2.2	19
51	Syntheses and structures of calcium and ytterbium bis(diphosphanilamido) complexes. Inorganica Chimica Acta, 2006, 359, 4765-4768.	2.4	18
52	Chiral alkaline earth metal complexes with M-Se direct bond (M = Mg, Ca, Sr, Ba): syntheses, structures and μ -caprolactone polymerisation. RSC Advances, 2015, 5, 37755-37767.	3.6	18
53	Alkali Metal and Alkaline Earth Metal Complexes with the Bis(borane-diphenylphosphanyl)amido Ligand - Synthesis, Structures, and Catalysis for Ring-Opening Polymerization of μ -Caprolactone. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 118-127.	1.2	18
54	Efficient and chemoselective hydroboration of organic nitriles promoted by TiIV catalyst supported by unsymmetrical acenaphthenequinonediimine ligand. Journal of Organometallic Chemistry, 2019, 902, 120958.	1.8	17

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55	Polymerization of ϵ -Caprolactam to Nylon-6 Catalyzed by Barium β -Borane Complex under Mild Condition. <i>ChemCatChem</i> , 2019, 11, 3366-3370.	3.7	17
56	Alkali metal complexes having sterically bulky bis-iminopyrrolyl ligands – control of dimeric to monomeric complexes. <i>RSC Advances</i> , 2016, 6, 80916-80923.	3.6	16
57	Alkali and Alkaline Earth Metal Complexes as Versatile Catalysts for Ring-Opening Polymerization of Cyclic Esters. <i>Chemical Record</i> , 2021, 21, 1898-1911.	5.8	16
58	Cobalt (II) and Copper (I) Complexes of Rigid Bidentate [$\text{N}(\text{C}_6\text{H}_4)_2$] ETQqO O O rgBT /Overlock 10 Tf 50 627 Td (6- Diisopropyl Anorganische Und Allgemeine Chemie, 2012, 638, 1311-1315.	1.2	15
59	Synthesis, structure and reactivity study of magnesium amidinato complexes derived from carbodiimides and N,N-bis(2,6-diisopropylphenyl)-1,4-diaza-butadiene ligands. <i>Dalton Transactions</i> , 2015, 44, 955-965.	3.3	15
60	Recent advances in the carbon-phosphorus (C-P) bond formation from unsaturated compounds by s- and p-block metals. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6571-6587.	2.8	15
61	Hydroboration of nitriles, esters, and amides catalyzed by simple neosilyllithium. <i>Polyhedron</i> , 2022, 219, 115784.	2.2	15
62	Cationic copper (I) complexes with bulky 1,4-diaza-1,3-butadiene ligands – Synthesis, solid state structure and catalysis. <i>Journal of Molecular Structure</i> , 2013, 1040, 129-138.	3.6	14
63	Synthesis and Crystal Structures of Sodium and Calcium Complexes with the Ligand [$\text{N}(\text{C}_6\text{H}_4)_2$]- $\text{N}(\text{C}_6\text{H}_4)_2$ -diphenylphosphinic Amide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 999-1003.	1.2	14
64	Zinc catalyzed Guanylation reaction of Amines with Carbodiimides/ Isocyanate leading to Guanidines/Urea derivatives formation. <i>Journal of Chemical Sciences</i> , 2016, 128, 875-881.	1.5	14
65	Alkali metal complex-mediated ring-opening polymerization of ϵ -LA, μ -caprolactone, and δ -valerolactone. <i>New Journal of Chemistry</i> , 2019, 43, 8882-8891.	2.8	14
66	Synthesis and characterization of a nickel(II) complex of 9-methoxy-2,3-dihydro-1,4-benzoxepine derived from a Schiff base ligand and its ligand substitution reaction. <i>Journal of Molecular Structure</i> , 2014, 1061, 26-31.	3.6	13
67	Guanylation/cyclisation of amino acid esters using an imidazolin-2-iminato titanium initiator. <i>Dalton Transactions</i> , 2019, 48, 7227-7235.	3.3	13
68	Heavier group 2 metal complexes with a flexible scorpionate ligand based on 2-mercaptopyridine. <i>RSC Advances</i> , 2015, 5, 51413-51420.	3.6	12
69	Alkali Metal Catalysed Double Hydrophosphorylation of Nitriles and Alkynes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2224-2230.	2.0	12
70	Hydroboration and reductive amination of ketones and aldehydes with HBpin by a bench stable Pd(scpr)-catalyst. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1103-1111.	2.8	12
71	Synthesis and structure of heavier group 2 metal complexes with diselenoimidodiphosphinato ligand containing Sr-Se and Ba-Se direct bonds. <i>Journal of Organometallic Chemistry</i> , 2013, 740, 104-109.	1.8	11
72	Solvent Modulated Assembly of Two Ni(II) Complexes: Syntheses, Structures and Magnetic Properties. <i>ChemistrySelect</i> , 2016, 1, 6532-6539.	1.5	11

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73	A simple Dâ€“iâ€“A system of phenanthroimidazole-â€“fluorenone for highly efficient non-doped bipolar AIE luminogens: synthesis, and molecular optical, thermal and electrochemical properties. <i>New Journal of Chemistry</i> , 2020, 44, 1785-1794.	2.8	11
74	Zinc Complexes of ² â€“Ketoiminato Ligands as Efficient Catalysts for the Synthesis of ¹ â€“Amino Nitriles via Strecker Reaction. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1217-1224.	2.7	11
75	Synthesis of monomeric and polymeric alkali and alkaline earth metal complexes using a phosphinoselenoic amide ligand in metal coordination sphere. <i>Journal of Chemical Sciences</i> , 2014, 126, 1463-1475.	1.5	10
76	Synthesis and Structure of Potassium and Barium Complexes With Diphenylphosphinothioicamido Ligand Containing Ba-S Direct Bonds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1624-1632.	1.6	10
77	Catalytic Hydroboration and Reductive Amination of Carbonyl Compounds by HBpin using a Zinc Promoter. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	10
78	Syntheses, characterization and reactivity of Lewis acidâ€“base adducts based on Bâ€“N dative bonds. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 329-334.	1.8	9
79	N- versus P-co-ordination for Nâ€“B and Pâ€“B bonded BH ₃ adducts for various phosphinamine ligands â€“ An experimental and computational study. <i>Journal of Molecular Structure</i> , 2013, 1047, 302-309.	3.6	9
80	Reaction of sterically congested NHCâ€“Zn(CH ₂) ₂ CH ₃) ₂ with substituted phenols leading to zincate complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 236-248.	2.2	9
81	PhI(OAc) ₂ and BF ₃ â€“OEt ₂ mediated heterocyclization: metal-free synthesis of pyrimidine-annulated oxazolines. <i>Tetrahedron Letters</i> , 2014, 55, 5625-5628.	1.4	9
82	Imidazol-2-ylidene-Nâ€“ ² -phenylureate ligands in alkali and alkaline earth metal coordination spheres â€“ heterocubane core to polymeric structural motif formation. <i>Dalton Transactions</i> , 2015, 44, 7458-7469.	3.3	9
83	Syntheses and solid state structures of zinc (II) complexes with Bi-dentate N-(Aryl)imino-acenaphthenone (Ar-BIAO) ligands. <i>Journal of Chemical Sciences</i> , 2015, 127, 103-113.	1.5	9
84	Recent development of aminophosphine chalcogenides and boranes as ligands in <i>s</i> -block metal chemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 1084-1101.	1.6	9
85	The Missing Link in Ni(II)â€“Ln(III) System: Design and Synthesis of a Dinuclear [Ni ₂] and Three Pentanuclear [Ni ₃ Ln ₂] (Ln=La, Ce, Eu) Complexes of a Schiff Base Ligand. <i>ChemistrySelect</i> , 2017, 2, 7865-7872.	1.5	9
86	2-Picolylamino(diphenylphosphinoselenoic)amide supported zinc complexes: Efficient catalyst for insertion of Nâ€“H bond into carbodiimides, isocyanates, and isothiocyanate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 23-32.	1.6	9
87	Alkaline Earth Metalâ€“Mediated Highly Isoâ€“selective Ringâ€“Opening Polymerization of rac-â€“Lactide. <i>Chemistry - an Asian Journal</i> , 2020, 15, 860-866.	3.3	9
88	Zirconium Complexes of Two Different Iminopyrrolyl Ligands â€“ Syntheses and Structures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 114-117.	1.2	8
89	Unprecedented Calcium Metallaâ€“macrocycle Having Phosphinoselenoic Amide and Diphenylphosphinate in the Coordination Sphere. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 994-999.	1.2	8
90	Pd(OAc) ₂ -catalyzed dehydrogenative Câ€“H activation: An expedient synthesis of uracil-annulated ^{1,2} -carbolinones. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1360-1366.	2.2	8

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91	Functionalisation of Imidazolin-2-imine to Corresponding Phosphinamine, Chalcogenide (O, S, Se, Te), and Borane Compounds. Australian Journal of Chemistry, 2015, 68, 127.	0.9	8
92	Hydroamination of isocyanates and isothiocyanates by alkaline earth metal initiators supported by a bulky iminopyrrolyl ligand. New Journal of Chemistry, 2020, 44, 9419-9428.	2.8	8
93	Recent developments in the reduction of unsaturated bonds by magnesium precursors. Applied Organometallic Chemistry, 2021, 35, e6333.	3.5	8
94	Recent development of alkali metal complex promoted iso-selective ring-opening polymerization of rac-Lactide. Current Opinion in Green and Sustainable Chemistry, 2021, 31, 100545.	5.9	8
95	Syntheses and Characterization of Samarium and Erbium Borohydrido Complexes Supported by <i>N</i> -Aryliminopyrrole Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 73-76.	1.2	7
96	Tetra-nuclear copper complex having P ^N P ligand to P ^O P ligand synthesis, structural, and mechanistic studies. Journal of Coordination Chemistry, 2014, 67, 3042-3053.	2.2	7
97	Imidazolin-2-iminato ligand supported titanium(IV) aryloxo complexes synthesis and structures. Inorganica Chimica Acta, 2017, 456, 24-33.	2.4	7
98	Economically Viable and Efficient Catalysts for Esterification and Cross Aldol Condensation Reactions under Mild Conditions. ChemistrySelect, 2020, 5, 4470-4477.	1.5	7
99	Indium promoted C(sp ³) ³ P bond formation by the Domino A ³ -coupling method a combined experimental and computational study. Inorganic Chemistry Frontiers, 2021, 8, 1142-1153.	6.0	7
100	Calcium Complexes Having Different Amidinate Ligands synthesis and Structural Diversity. ChemistrySelect, 2016, 1, 2014-2020.	1.5	6
101	Phosphorus recovery from the sludge generated from a continuous bipolar mode electrocoagulation (CBME) system. Water Science and Technology, 2019, 79, 1348-1356.	2.5	6
102	Calcium mediated efficient synthesis of <i>N</i> -arylamidines from organic nitriles and amines. Organic and Biomolecular Chemistry, 2020, 18, 4231-4237.	2.8	6
103	Trinuclear copper and mononuclear nickel complexes of oxime containing Schiff bases: Single crystal X-ray structure, catecholase and phenoxazinone synthase activity, catalytic study for the homocoupling of benzyl amines. Polyhedron, 2020, 182, 114512.	2.2	5
104	Neosilyllithium Catalyzed Hydroboration of Alkynes and Alkenes in the Presence of Pinacolborane (HBpin). European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	5
105	Understanding the effect of low-concentrated protic ionic liquids (PILs) on coconut (Cocos) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T55	4.6	5
106	Facile Synthesis of Benzimidazole and Benzothiazole Compounds Mediated by a Zinc Precatalyst Supported by an Iminopyrrole-Morpholine Ligand. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	5
107	1,3-Diisopropylimidazolium bis(cyclooctatetraenyl)erbate(III). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2059-m2060.	0.2	4
108	Modelling of Transition State in Grignard Reaction of Rigid N-(Aryl)imino-Acenapthenone (Ar-BIAO): A Combined Experimental and Computational Study. Australian Journal of Chemistry, 2015, 68, 931.	0.9	4

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109	Schiff-base supported heterobicyclic monomeric boronates. <i>Journal of Organometallic Chemistry</i> , 2016, 818, 37-41.	1.8	4
110	Treatment of a Distillery Wastewater in a Bipolar-Mode Electrocoagulation System: Performance Evaluation and Kinetic Analysis. <i>International Journal of Civil Engineering</i> , 2019, 17, 1643-1652.	2.0	4
111	One-Pot Reductive Amination of Aromatic Aldehydes in [Et ₃ NH][HSO ₄] using Sodium Borohydride and A Mechanistic Investigation using Computational Method. <i>ChemistrySelect</i> , 2022, 7, .	1.5	4
112	Syntheses and structures of dimeric sodium and potassium complexes of 2,6-diisopropyl-anilidophosphine borane ligand. <i>Journal of Chemical Sciences</i> , 2015, 127, 265-272.	1.5	3
113	Reactivity of titanium imidazolin-2-iminato complexes with 2,6-diisopropylaniline and 2-[(2,6-diisopropylphenyl)-iminomethyl]pyrrole. <i>Journal of Coordination Chemistry</i> , 2018, 71, 4148-4163.	2.2	3
114	Downstream Processing of Palm Oil Mill Effluent in a CBME Reactor. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, 04019040.	2.0	3
115	Alkali metal complexes of an unsymmetrical imino-phosphanamidate (N-P-N) ligand. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122091.	1.8	3
116	Aluminium alkyl complexes supported by imino-phosphanamide ligand as precursors for catalytic guanylation reactions of carbodiimides. <i>RSC Advances</i> , 2022, 12, 4501-4509.	3.6	3
117	A highly efficient Ti-catalyst for the deoxygenative reduction of esters under ambient conditions: experimental and mechanistic insights from DFT studies. <i>Dalton Transactions</i> , 2022, 51, 5859-5867.	3.3	3
118	Nickel(II) complexes having Imidazol-2-ylidene-N ² -phenylurea ligand in the coordination sphere syntheses and solid state structures. <i>Journal of Chemical Sciences</i> , 2015, 127, 1397-1404.	1.5	2
119	Lanthanides Mediated Oxidative Cross Coupling of Benzylalcohol and Various Amines to Form Corresponding Imines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 937-940.	1.2	2
120	Formation of BH ₃ Adducts with Pyridine-2-Methylaminophosphine ligands: An experimental and computational study. <i>Journal of Chemical Sciences</i> , 2016, 128, 53-60.	1.5	2
121	C-H Bond Activation Induced by Group 4 Metal Nitrogen Bond to Form Acetimidamide Metal Complexes. <i>ChemistrySelect</i> , 2017, 2, 3231-3235.	1.5	2
122	Lewis Acid Promoted Cyclization of Acyclic Urea Derivatives to Quinazolinones. <i>ChemistrySelect</i> , 2020, 5, 476-479.	1.5	2
123	Improving the performance of a continuous bipolar-mode electrocoagulation (CBME) system, treating a marigold flower processing wastewater, through process modifications. <i>Separation Science and Technology</i> , 2021, 56, 604-616.	2.5	2
124	Amidinate Ligands in Zinc coordination sphere: Synthesis and structural diversity. <i>Journal of Chemical Sciences</i> , 2016, 128, 867-873.	1.5	1
125	Synthesis and solid state structures of Chalcogenide compounds of Imidazolin-2-ylidene-1,1-Diphenyl-phosphinamine. <i>Journal of Chemical Sciences</i> , 2016, 128, 373-382.	1.5	1
126	Synthesis and Structure of Unprecedented Samarium Complex with Bulky Bis-iminopyrrolyl Ligand via Intramolecular C=N Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 2144-2148.	1.2	1

#	ARTICLE	IF	CITATIONS
127	Enhanced Broadband Emission in Novel Phenanthroimidazole Derivative Molecules via Excited State Intramolecular Proton Transfer. , 2020, , .		1
128	Enhancement of the Performance of a Continuous Bipolar-Mode Electrocoagulation (CBME) System Treating Palm Oil Mill Effluent through Modification of the Process Parameters and Reactor Configuration. , 2018, , .		0
129	Six-Membered Rings With Two or More Heteroatoms With at Least One Arsenic to Bismuth. , 2021, , .		0