

Venkatachalam Ramkumar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Arrangements of Guanidinium-Based Dicarboxylic Acid Ionic Liquids and Insights into Carbon Dioxide Uptake through Structural Voids. <i>Crystal Growth and Design</i> , 2022, 22, 3646-3655.	1.4	2
2	One-Pot Assembly for Synthesis of 1,4-Dihydropyridine Scaffold and Their Biological Applications. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1495-1505.	1.4	25
3	Homoleptic titanium and zirconium complexes exhibiting unusual Oiminolâ€metal coordination: application in stereoselective ring-opening polymerization of lactide. <i>Polymer Chemistry</i> , 2021, 12, 3953-3967.	1.9	10
4	Synthesis, Structures, and Bonding of Metal-Rich Metallaboranes Comprising Triply Bridging Borylene and Boride Moieties. <i>Organometallics</i> , 2021, 40, 529-538.	1.1	7
5	Synthesis and in vitro study of antiproliferative benzyloxy dihydropyrimidinones. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000466.	2.1	19
6	Benzoazole phenoxide ligand supported group IV catalysts and their application for the ring-opening polymerization of rac-lactide and Îµ-caprolactone. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3392-3401.	1.6	3
7	Delocalization Effects and Tunable Emission in a Class of Charged Cyclazines with Nitrogen on the Periphery. <i>Organic Letters</i> , 2021, 23, 3354-3358.	2.4	2
8	Halogen-Exchange Fluorination of Î²-Chlorovinyl Aldehydes - Unexpected Cascade Transformations in the Fluorination of 4-Chloro-2-hydroxychromene and 4-Chloro-2-hydroxythiochromene-3-carbaldehydes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6269-6277.		1
9	Thermophysical Properties and Carbon Dioxide Absorption Studies of Guanidinium-Based Carboxylate Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4844-4855.	1.0	17
10	Isolation and Characterization of Different Homometallic and Heterobimetallic Complexes of Nickel and Zinc Ions by Controlling Molar Ratios and Solvents. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2871-2882.	1.0	8
11	Salen complexes of zirconium and hafnium: synthesis, structural characterization and polymerization studies. <i>Polymer Chemistry</i> , 2019, 10, 3444-3460.	1.9	20
12	Structural Arrangement and Computational Exploration of Guanidinium-Based Ionic Liquids with Benzoic Acid Derivatives as Anions. <i>Crystal Growth and Design</i> , 2019, 19, 2642-2657.	1.4	7
13	Bis- and mono-tridentate chelated iron complexes with a new facially capping unsymmetrical nitrogen ligand: X-ray structural and spectroscopic studies. <i>Polyhedron</i> , 2019, 158, 241-247.	1.0	0
14	Metal-Rich Metallaboranes: Structures and Geometries of Heterometallic Î¼ ₉ -Boride Clusters. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2574-2583.	1.0	8
15	Synthesis of a new class of cationic Pd(II) complexes with 1,2,3-triazol-5-ylidene ligand and their catalytic application in the conversion of internal alkynes to 1,2-diketones. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 1-8.	0.8	10
16	Electron Precise Group 5 Dimetallaheteroboranes [{CpV(Î¼ ⁴ -EPh)} ₂ {Î¼ ⁴ -Î± ² -BH ₃ E}] and [{CpNb(Î¼ ⁴ -EPh)} ₂ {Î¼ ⁴ -Î± ² -B ₂ H ₄ E}] (E = S or Se). <i>Inorganic Chemistry</i> , 2018, 57, 985-994.	1.9	17
17	Group 4 metal complexes containing the salalen ligands: Synthesis, structural characterization and studies on the ROP of cyclic esters. <i>Journal of Organometallic Chemistry</i> , 2018, 871, 111-121.	0.8	15
18	Palladium catalyzed carbonylative annulation of the C(sp ²)-H bond of N,1-diaryl-1H-tetrazol-5-amines and N,4-diaryl-4H-triazol-3-amines to quinazolinones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8629-8638.	1.5	12

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19	Anti-Proliferative 1,4-Dihydropyridine and Pyridine Derivatives Synthesized through a Catalyst-Free, One-Pot Multi-Component Reaction. <i>ChemistrySelect</i> , 2018, 3, 12163-12168.	0.7	38
20	Triamide macrocyclic chloride receptors via a one-pot tandem reduction-“condensation” cyclization reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4937-4940.	1.5	13
21	High-spin iron(II) complexes of halides and pseudo-halides with biphenyl-appended N,N'-bidentate ligand: X-ray structural and spectroscopic studies. <i>Inorganica Chimica Acta</i> , 2017, 466, 197-204.	1.2	2
22	Sulfamide-Lattice Restructuring To Form Dimensionally Controlled Molecular Arrays and Gel-Forming Systems. <i>Chemistry - A European Journal</i> , 2017, 23, 3658-3665.	1.7	7
23	Homoleptic Zr and Hf Complexes of Imino/Bis(imino)phenoxide Scaffolds: Synthesis, Structural Characterization and Their Catalytic Activity in the ROP of Cyclic Esters. <i>ChemistrySelect</i> , 2017, 2, 8408-8417.	0.7	6
24	Nb and Ta benzotriazole or benzoxazole phenoxide complexes as catalysts for the ring-opening polymerization of glycidol to synthesize hyperbranched polyglycerols. <i>Dalton Transactions</i> , 2017, 46, 16640-16654.	1.6	6
25	Understanding the solvation behavior of tetramethylguanidinium based ionic liquids in dilute aqueous solutions through apparent molar properties. <i>Journal of Molecular Liquids</i> , 2017, 242, 129-136.	2.3	4
26	Ring-opening copolymerization of maleic anhydride or L-Lactide with tert-butyl glycidyl ether by using efficient Ti and Zr benzoxazole-substituted 8-Hydroxyquinolate catalysts. <i>Polymer</i> , 2017, 123, 267-281.	1.8	12
27	Bite-Angle-Regulated Coordination Geometries: Tetrahedral and Trigonal Bipyramidal in Ni(II) with Biphenyl-Appended (2-Pyridyl)alkylamine N,N'-Bidentate Ligands. <i>ACS Omega</i> , 2017, 2, 2474-2481.	1.6	5
28	New Trinuclear Complexes of Group...6, 8, and 9 Metals with a Triply Bridging Borylene Ligand. <i>Chemistry - A European Journal</i> , 2016, 22, 8889-8896.	1.7	19
29	Zwitterionic niobium and tantalum complexes with bidentate aminophenol scaffolds: synthesis, structural characterization and use in the ring opening polymerization of lactides. <i>RSC Advances</i> , 2016, 6, 48816-48826.	1.7	7
30	Synthesis of Fluorescent 1,3-Diarylpropynones by Carbonylative Alkynylation Reaction Using (Phosphine) (1,2,3-Triazol-5-ylidene)palladium Complexes as Catalysts. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4817-4823.	1.2	12
31	Zwitterionic Complexes of Group 4 Metal Chlorides Containing a Bis(imino)phenoxide Scaffold: Synthesis, Characterization and Polymerization Studies. <i>ChemistrySelect</i> , 2016, 1, 5218-5229.	0.7	12
32	Group 4 complexes of salicylbenzoxazole ligands as effective catalysts for the ring-opening polymerization of lactides, epoxides and copolymerization of μ -caprolactone with L-lactide. <i>Polymer</i> , 2016, 102, 231-247.	1.8	28
33	Highly Selective and Modular Synthesis of 3-Aryl-4-(arylethynyl)-2-chromenones from 2-Iodoaryl 2-Arylacetates through a Carbonylative Sonogashira Coupling-Intramolecular Aldol Cascade Reaction. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4041-4049.	1.2	13
34	Carbon-supported Co(III) dimer for oxygen reduction reaction in alkaline medium. <i>Ionics</i> , 2016, 22, 2183-2194.	1.2	9
35	Group 4 alkoxide complexes containing [NNO]-type scaffold: synthesis, structural characterization and polymerization studies. <i>RSC Advances</i> , 2016, 6, 21706-21718.	1.7	26
36	Cation-Transporting Peptides: Scaffolds for Functionalized Pores?. <i>Chemistry - A European Journal</i> , 2015, 21, 10179-10184.	1.7	15

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37	Synthesis and characterization of group 4 metal alkoxide complexes containing imine based bis-bidentate ligands: effective catalysts for the ring opening polymerization of lactides, epoxides and polymerization of ethylene. Dalton Transactions, 2015, 44, 10352-10367.	1.6	27
38	Role of peripheral phenanthroline groups in the self-assembly of self-assembled molecular triangles. Journal of Chemical Sciences, 2015, 127, 273-280.	0.7	14
39	Synthesis and structures of (âˆ“) menthyl and (+) neomenthyl substituted enantio pure bis(1,2,3-triazol-5-ylidene)Pd(II) complexes and PEPPSI type (1,2,3-triazol-5-ylidene) (pyridine)Pd(II) complexes. Comparison of catalytic activities for Câ€“C coupling. Journal of Organometallic Chemistry, 2015, 799-800, 115-121.	0.8	23
40	Zr(IV) complexes containing salan-type ligands: synthesis, structural characterization and role as catalysts towards the polymerization of Îµ-caprolactone, rac-lactide, ethylene, homopolymerization and copolymerization of epoxides with CO ₂ . RSC Advances, 2015, 5, 28536-28553.	1.7	48
41	Imino(phenoxide) compounds of magnesium: Synthesis, structural characterization, and polymerization studies. Journal of Polymer Science Part A, 2015, 53, 1474-1491.	2.5	19
42	Group 4 metal complexes of Trost's semi-crown ligand: synthesis, structural characterization and studies on the ring-opening polymerization of lactides and Îµ-caprolactone. Dalton Transactions, 2015, 44, 16280-16293.	1.6	34
43	Borate-based ligands with soft heterocycles and their ruthenium complexes. Journal of Organometallic Chemistry, 2015, 799-800, 132-137.	0.8	15
44	Aluminium complexes bearing N,O-aminophenol ligands as efficient catalysts for the ring opening polymerization of lactide. European Polymer Journal, 2015, 70, 203-214.	2.6	21
45	Zwitterionic group 4 aminophenolate catalysts for the polymerization of lactides and ethylene. New Journal of Chemistry, 2015, 39, 5218-5230.	1.4	11
46	Catalytic asymmetric hydrogenation using a [2.2]paracyclophane based chiral 1,2,3-triazol-5-ylideneâ€“Pd complex under ambient conditions and 1 atmosphere of H ₂ . RSC Advances, 2015, 5, 21558-21561.	1.7	36
47	A mild and efficient method for the synthesis of structurally diverse 1,2,3-triazolylidene palladium(II) diiodo complexes. Comparison of catalytic activities for Suzukiâ€“Miyaura coupling. Journal of Organometallic Chemistry, 2015, 799-800, 232-238.	0.8	23
48	A new class of MPV type reduction in group 4 alkoxide complexes of salicylaldehyde ligands: Efficient catalysts for the ROP of lactides, epoxides and polymerization of ethylene. Polymer, 2015, 56, 157-170.	1.8	30
49	Nucleophilic difluoroalkylation of benzophenones, benzaldehydes and Schiff's bases by tetrafluoroethyl ether and difluoroacetamide. Journal of Fluorine Chemistry, 2015, 169, 38-49.	0.9	4
50	Self-assembly of self-assembled molecular triangles. Journal of Chemical Sciences, 2014, 126, 1493-1499.	0.7	14
51	Peptide turns through just one atom! A sulfamide group nucleates folding and stabilizes new supramolecular topologies in short peptides. CrystEngComm, 2014, 16, 10371-10375.	1.3	8
52	Crystal structure of 2,4-bis(2-chlorophenyl)-7-tert-pentyl-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1161-o1162.	0.2	0
53	Î²-tetra-substituted meso-tetra(4-tert-butylphenyl)porphyrins and Their Metal Complexes: Synthesis and Structural Properties. European Journal of Inorganic Chemistry, 2014, 2014, 5760-5770.	1.0	6
54	1-Allyl-1-(3,4-dimethylbenzoyl)-2-(4-methyl-1,3-thiazol-5-yl)-1,2,5,6,7,7a-hexahydrospiro[pyrrolizine-3,3'-indolin]-2-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o541-o542.	0.2	0

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55	Effect of distal sugars and interglycosidic linkage on the N-glycoprotein linkage region conformation: synthesis and X-Ray crystallographic investigation of β -1-N-alkanamide derivatives of cellobiose and maltose as disaccharide analogs of the conserved chitobiosylasparagine linkage. <i>Glycoconjugate Journal</i> , 2014, 31, 71-87.	1.4	2
56	A molybdenum based metallomicellar catalyst for controlled and selective sulfoxidation reactions in aqueous medium. <i>Green Chemistry</i> , 2014, 16, 2190.	4.6	59
57	Regioselective opening of unsymmetrical cyclic anhydrides: synthesis of N-glycosylated isoasparagine and isoglutamine conjugates. <i>RSC Advances</i> , 2014, 4, 22042.	1.7	1
58	Palladium(ii) induced complete conformational enrichment of the syn isomer of N,N'-bis(4-pyridylformyl)piperazine. <i>RSC Advances</i> , 2014, 4, 18595.	1.7	4
59	Facile base-free in situ generation and palladation of mesoionic and normal N-heterocyclic carbenes at ambient conditions. <i>Dalton Transactions</i> , 2014, 43, 10710-10712.	1.6	12
60	A two-dimensional polydodecameric water-soluble chloride cluster enfolded (Hg ²⁺ /Cl ⁻) ₂₄ concealed cascade cryptate. <i>CrystEngComm</i> , 2014, 16, 6827.	1.3	8
61	Efficient and versatile catalysis of N-alkylation of heterocyclic amines with alcohols and one-pot synthesis of 2-aryl substituted benzazoles with newly designed ruthenium(II) complexes of PNS thiosemicarbazones. <i>Dalton Transactions</i> , 2014, 43, 7889-7902.	1.6	95
62	C2-Symmetric normal and mesoionic bis-N-heterocyclic carbenes with biphenyl backbone. A comparison of bis(1,2,3-triazol-5-ylidene) and bis(imidazol-2-ylidene) ligands. <i>Journal of Organometallic Chemistry</i> , 2014, 768, 68-74.	0.8	16
63	Metallaboranes from Metal Carbonyl Compounds and Their Utilization as Catalysts for Alkyne Cyclotrimerization. <i>ChemPlusChem</i> , 2014, 79, 546-551.	1.3	22
64	One-pot synthesis of self-assembled heteroleptic palladium(II) complexes with tmeda: An application of ligand exchange reactions. <i>Inorganic Chemistry Communication</i> , 2014, 39, 75-78.	1.8	10
65	Crystal structure of 2,6-bis(2,5-dimethoxyphenyl)-3,5-dimethylpiperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1160-o1160.	0.2	0
66	An Early-Late Transition Metal Hybrid Analogue of Hexaborane(12). <i>Organometallics</i> , 2013, 32, 4618-4623.	1.1	10
67	Synthesis and structural characterization of cis isomer of 1,2,3-triazol-5-ylidene based palladium complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 736, 36-41.	0.8	17
68	Toppled Molecular-Domino Sets by Self-Assembly of Self-assembly: The π -Polymers. <i>Crystal Growth and Design</i> , 2013, 13, 3763-3772.	1.4	21
69	Group iv complexes containing the benzotriazole phenoxide ligand as catalysts for the ring-opening polymerization of lactides, epoxides and as precatalysts for the polymerization of ethylene. <i>Dalton Transactions</i> , 2013, 42, 16412.	1.6	42
70	Hypoelectronic Dimetallaheteroboranes of Group 6 Transition Metals Containing Heavier Chalcogen Elements. <i>Inorganic Chemistry</i> , 2013, 52, 7923-7932.	1.9	26
71	Coordination polymers via self-assembly of silver(i) and cis-bis-nitrile-oxa-bowl derivatives. <i>CrystEngComm</i> , 2013, 15, 9623.	1.3	9
72	Synthesis and characterization of N-phenyl pyrrole anchored to Fischer carbene complex through ring closing metathesis oxidative aromatization and various aryl substituted Fischer carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 56-61.	0.8	8

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73	Imino phenoxide complexes of niobium and tantalum as catalysts for the polymerization of lactides, μ -caprolactone and ethylene. Dalton Transactions, 2013, 42, 10304.	1.6	30
74	Imino phenoxide complexes of group 4 metals: synthesis, structural characterization and polymerization studies. New Journal of Chemistry, 2013, 37, 949.	1.4	46
75	Chemistry of Homo- and Heterometallic Bridged-Borylene Complexes. Organometallics, 2013, 32, 2705-2712.	1.1	40
76	Boron Beyond the Icosahedral Barrier: A 16-Vertex Metallaborane. Angewandte Chemie - International Edition, 2013, 52, 3222-3226.	7.2	93
77	2-[(E)-2-(4-Methoxyphenyl)ethenyl]-1-methylpyridinium iodide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1848-o1848.	0.2	0
78	λ^4 -(2,6-Bis{[3-(dimethylamino)propyl]iminomethyl}-4-methylphenolato)- λ^4 -hydroxido-bis[(thiocyanato- λ^1 N)copper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m542-m543.	0.2	1
79	2,2'-bis-[[{(1E,1'-E)-(Cyclohexane-1,4-diyl)bis(azanylylidene))bis(ethan-1-yl-1-ylidene)}]diphenol. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1593-o1593.	0.2	0
80	Synthesis and structure of <i>trans</i> -bis(1,4-dimesityl-3-methyl-1,2,3-triazol-5-ylidene)palladium(II) dichloride and diacetate. Suzuki-Miyaura coupling of polybromoarenes with high catalytic turnover efficiencies. Beilstein Journal of Organic Chemistry, 2013, 9, 698-704.	1.3	25
81	(1E,4E)-1,5-Bis[2-(trifluoromethyl)phenyl]penta-1,4-dien-3-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o177-o177.	0.2	3
82	2,4,6,8-Tetrakis(2-fluorophenyl)-3,7-diazabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o179-o179.	0.2	0
83	1,3-Bis(2-methylprop-2-enoyl)-1H-benzimidazol-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o818-o818.	0.2	0
84	Ethyl 2-amino-4-(4-methyl-1,3-thiazol-5-yl)-5-oxo-4H,5H-pyrano[3,2-c]chromene-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1411-o1412.	0.2	1
85	2,6-Bis(4-methoxyphenyl)-1,3-dimethylpiperidin-4-oneO-benzyloxime. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o524-o524.	0.2	7
86	2,6-Bis(4-chlorophenyl)-1,3-dimethylpiperidin-4-oneO-benzyloxime. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o525-o525.	0.2	7
87	2,4-Bis(4-ethoxyphenyl)-1-methyl-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2999-o2999.	0.2	1
88	<i>N,N'</i> -(1,4-Phenylene)bis(2-bromo-2-methylpropanamide). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o811-o811.	0.2	1
89	2,4-Bis(4-ethoxyphenyl)-7-methyl-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o779-o780.	0.2	3
90	2,4,6,8-Tetrakis(4-chlorophenyl)-3,7-diazabicyclo[3.3.1]nonan-9-oneO-benzyloxime acetone monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1481-o1481.	0.2	3

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91	2,4-Bis(4-ethoxyphenyl)-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2841-o2841.	0.2	3
92	2,4-Bis(2-bromophenyl)-7-tert-pentyl-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2946-o2946.	0.2	1
93	2,4-Bis(2-ethoxyphenyl)-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3282-o3282.	0.2	1
94	Synthesis and Characterization of Dianionic Hexacoordinate Silicon(IV) Complexes of Substituted Catechols, Flavones, and Fluorone: X-Ray Crystal Structures of $[(\eta^3\text{-C}_3\text{H}_7\text{NH}_2)_2(\text{Cl}_4\text{C}_6\text{O}_2)_2\text{Si}(\text{CH}_3)_3\text{CN}]$ and $[(\eta^3\text{-C}_3\text{H}_7\text{NH}_2)_2(\text{Br}_4\text{C}_6\text{O}_2)_2\text{Si}(\text{CH}_3)_3\text{SO}]$. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 171, 1-11.	0.8	4
95	Novel Class of Heterometallic Cubane and Boride Clusters Containing Heavier Group 16 Elements. Inorganic Chemistry, 2012, 51, 8322-8330.	1.9	34
96	Synthesis and Characterization of Novel Ruthenaferrocaboranes from Photoinsertion of Alkynes into a Ruthenaferrocaborane. Organometallics, 2012, 31, 6381-6387.	1.1	14
97	Consequence of Presence and Absence of π -Clouds at Strategic Locations of Designed Binuclear Pd(II) Complexes on Packing: Self-Assembly by Intermolecular Locking and Packing. Crystal Growth and Design, 2012, 12, 6012-6022.	1.4	32
98	Synthesis and Structure of Dirhodium Analogue of Octaborane-12 and Decaborane-14. Inorganic Chemistry, 2012, 51, 10715-10722.	1.9	61
99	A close-packed boron-rich 11-vertex molybdaborane with novel geometry. Journal of Organometallic Chemistry, 2012, 710, 75-79.	0.8	18
100	Antioxidant properties of Mannich bases. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6362-6367.	1.0	31
101	Synthesis and Structure of 1,4-Diphenyl-3-methyl-1,2,3-triazol-5-ylidene Palladium Complexes and Application in Catalytic Hydroarylation of Alkynes. Organometallics, 2011, 30, 1689-1694.	1.1	140
102	Salen Complexes of Zirconium and Hafnium: Synthesis, Structural Characterization, Controlled Hydrolysis, and Solvent-Free Ring-Opening Polymerization of Cyclic Esters and Lactides. Inorganic Chemistry, 2011, 50, 2720-2722.	1.9	79
103	Synthesis, structure and characterization of dimolybdaheteroboranes. Polyhedron, 2011, 30, 2062-2066.	1.0	13
104	Controlled hydrolysis of $[\text{Ti}(\text{O}-2,4,6\text{-Br}_3\text{C}_6\text{H}_2)_2(\text{O}-i\text{Pr})_2]_2$: Synthesis, structural characterization and studies on bulk polymerization of cyclic esters and lactide. Inorganic Chemistry Communication, 2011, 14, 1777-1782.	1.8	17
105	New chiral molybdenum complex catalyzed sulfide oxidation with hydrogen peroxide. Inorganica Chimica Acta, 2011, 376, 57-63.	1.2	60
106	Phosphoroamidate compounds of 1,1'-Bi-2-naphthol: Synthesis, structural characterization and solvent-free ring-opening polymerization of μ -caprolactone and l-lactide. Inorganica Chimica Acta, 2011, 372, 88-93.	1.2	6
107	A model study of alternative approach toward a class of palladium(II) based self-assembly. Inorganica Chimica Acta, 2011, 372, 71-78.	1.2	6
108	Aryloxy and benzyloxy compounds of zirconium: Synthesis, structural characterization and studies on solvent-free ring-opening polymerization of ϵ -caprolactone and δ -valerolactone. Journal of Organometallic Chemistry, 2011, 696, 572-580.	0.8	19

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109	2,4-Bis(4-propoxyphenyl)-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o790-o790.	0.2	2
110	3-(9H-Carbazol-9-yl)propan-1-ol. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o180-o180.	0.2	0
111	2,4-Bis(4-butoxyphenyl)-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o635-o635.	0.2	0
112	2,4-Bis(2-ethoxyphenyl)-7-methyl-3-azabicyclo[3.3.1]nonan-9-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1475-o1476.	0.2	5
113	1,1- ϵ^2 -Binaphthyl-2,2- ϵ^2 -diyl benzylphosphoramidate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3310-o3310.	0.2	0
114	3-({[(1-Phenylethyl)sulfanyl]methanethioyl}sulfanyl)propanoic acid. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3352-o3352.	0.2	1
115	Spectroscopic Studies and Crystal Structure of 1-(Morpholino (Phenyl) Methyl) Pyrrolidine-2,5-Dione. Journal of Chemical Crystallography, 2010, 40, 437-442.	0.5	4
116	New phosphoroamidate compounds: Synthesis, structural characterization and studies on ZnCl ₂ assisted hydrolysis of the P=O bond. Polyhedron, 2010, 29, 2142-2148.	1.0	6
117	Aryloxy and benzyloxy compounds of hafnium: Synthesis, structural characterization and studies on solvent-free ring-opening polymerization of μ -caprolactone and ϵ -valerolactone. Polymer, 2010, 51, 4750-4759.	1.8	15
118	Coordination-driven self-assembly in a single pot. Tetrahedron Letters, 2010, 51, 4449-4451.	0.7	18
119	Stereospecific synthesis of oximes and oxime ethers of 3-azabicycles: A SAR study towards antimicrobial agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1642-1647.	1.0	38
120	Stereocontrolled facile synthesis and antimicrobial activity of oximes and oxime ethers of diversely substituted bispidines. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6452-6458.	1.0	29
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