

Junseong Lee

List of Publications by Year in descending order

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papers

3,362
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159585

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191
docs citations

191
times ranked

3606
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrene and porphyrin-based Zn metal 1-D-polymer: synthesis, molecular structure, and photocatalytic property. Dalton Transactions, 2022, 51, 4257-4261.	3.3	3
2	Syntheses of Silylene-Bridged Thiophene-Fused Cyclopentadienyl ansa-Metallocene Complexes for Preparing High-Performance Supported Catalyst. Catalysts, 2022, 12, 283.	3.5	4
3	Selective Formation of Mononuclear Palladium and Acetonitrile-Bridged Dinuclear Palladium Complexes Containing a Chiral Tridentate Ligand. Inorganic Chemistry, 2022, 61, 32-36.	4.0	1
4	Palladium Catalysis Featuring Attractive Noncovalent Interactions Enabled Highly Enantioselective Access to β^2 -Quaternary β -Lactams. ACS Catalysis, 2022, 12, 5559-5564.	11.2	6
5	Intramolecular Cyclization of α -Alkynylphenylcarbonyls With a Pendant Double Bond under Copper Catalysis: A General Approach to Norabietane Core Structure. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	3
6	Electrochemical behaviors of a pincer-type NNN-Fe complex and catalytic H ₂ evolution activity. Chemical Communications, 2021, 57, 7497-7500.	4.1	4
7	Identification of Single-Atom Ni Site Active toward Electrochemical CO ₂ Conversion to CO. Journal of the American Chemical Society, 2021, 143, 925-933.	13.7	107
8	One-Step Synthesis of Norabietane Core and its Alkylation to Abietane Analogs. Bulletin of the Korean Chemical Society, 2021, 42, 517-520.	1.9	5
9	Replacement of the Common Chromium Source CrCl ₃ (thf) ₃ with Well-Defined [CrCl ₂ (η^4 -Cl)(thf) ₂] ₂ . Molecules, 2021, 26, 1167.	3.8	7
10	Zinc-based Metal Organic Framework Derived From Anthracene and BODIPY Chromophores: Synthesis and Photophysical Properties. Bulletin of the Korean Chemical Society, 2021, 42, 645-648.	1.9	12
11	Preparation of High-Purity Ammonium Tetrakis(pentafluorophenyl)borate for the Activation of Olefin Polymerization Catalysts. Molecules, 2021, 26, 2827.	3.8	6
12	Crystal structure, Hirshfeld surface and photophysical analysis of 2-nitro-3-phenyl-9H-carbazole. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 887-890.	0.5	2
13	Self-assembly of supramolecules containing half-sandwich iridium units. Coordination Chemistry Reviews, 2021, 445, 213909.	18.8	2
14	Preparation of double-metal cyanide catalysts with H ₃ Co(CN) ₆ for propylene oxide homo- and CO ₂ -copolymerization. Journal of CO ₂ Utilization, 2021, 53, 101755.	6.8	10
15	Reversibly Photoswitchable Catalysts for Olefin Metathesis Reactions. ACS Catalysis, 2021, 11, 13860-13865.	11.2	20
16	Spirobifluorene-based Carboranyl Compounds: Insights into the Rotational Effect of Carborane Cages on Photoluminescence. Chemistry - A European Journal, 2020, 26, 548-557.	3.3	30
17	Cobalt complexes containing salen-type pyridoxal ligand and DMSO for cycloaddition of carbon dioxide to propylene oxide. Polyhedron, 2020, 178, 114353.	2.2	6
18	Enhancing the thermally activated delayed fluorescence of nido-carborane-appended triarylboranes by steric modification of the phenylene linker. Inorganic Chemistry Frontiers, 2020, 7, 3456-3464.	6.0	13

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19	Gold-Catalyzed Synthesis of Ictexane Cores: Short Synthesis of Taxamairin B and Rosmaridiphenol. <i>Organic Letters</i> , 2020, 22, 9225-9228.	4.6	12
20	Pyridine-Chelated Imidazo[1,5-a]Pyridine N-Heterocyclic Carbene Nickel(II) Complexes for Acrylate Synthesis from Ethylene and CO ₂ . <i>Catalysts</i> , 2020, 10, 758.	3.5	5
21	Highly Efficient Ethenolysis and Propenolysis of Methyl Oleate Catalyzed by Abnormal N-Heterocyclic Carbene Ruthenium Complexes in Combination with a Phosphine-Copper Cocatalyst. <i>ACS Catalysis</i> , 2020, 10, 10592-10601.	11.2	9
22	Frustrated Lewis pairs with thermally activated delayed fluorescence properties: activation of formaldehyde. <i>Dalton Transactions</i> , 2020, 49, 13198-13201.	3.3	1
23	Styrene Moiety-Carrying Diorganozinc Compound Preparation for Polystyrene-Poly(ethylene-co-1-hexene)-Polystyrene Triblock Copolymer Production. <i>Macromolecules</i> , 2020, 53, 7274-7284.	4.8	14
24	Highly Emissive ortho-Donor-Acceptor Triarylboranes: Impact of Boryl Acceptors on Luminescence Properties. <i>Organometallics</i> , 2020, 39, 2235-2244.	2.3	10
25	Preparation of Pyridylamido Hafnium Complexes for Coordinative Chain Transfer Polymerization. <i>Polymers</i> , 2020, 12, 1100.	4.5	1
26	Multinuclear nickel(II) complexes with chiral schiff base ligand. <i>Inorganica Chimica Acta</i> , 2020, 511, 119798.	2.4	3
27	Synthesis, Structure, and Heavy Atom Effect of Pt-Ferrocene BODIPY Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 599-602.	1.9	5
28	Unexpected Formation of (1+1) Ruthenium Macrocyclic from Flexible Ru(II) Clip. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 213-215.	1.9	2
29	Multinuclear Ir-BODIPY complexes: Synthesis and binding studies. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107759.	3.9	3
30	Abnormal N-Heterocyclic Carbene-Palladium Complexes for the Copolymerization of Ethylene and Polar Monomers. <i>ACS Catalysis</i> , 2020, 10, 5443-5453.	11.2	22
31	Catalytic enantioselective synthesis of tetrasubstituted chromanones via palladium-catalyzed asymmetric conjugate arylation using chiral pyridine-dihydroisoquinoline ligands. <i>Chemical Science</i> , 2020, 11, 4602-4607.	7.4	29
32	Selective cytotoxicity of self-assembled BODIPY metalla-rectangles: Evidence of p53-Dependent apoptosis via both intrinsic and extrinsic pathways. <i>Dyes and Pigments</i> , 2020, 180, 108478.	3.7	8
33	Selective Self-Assembly of a Rectangular Ruthenium Supramolecule from an Unsymmetrical Bridging Unit. <i>Inorganic Chemistry</i> , 2019, 58, 11493-11499.	4.0	8
34	Preparation of Half- and Post-Metallocene Hafnium Complexes with Tetrahydroquinoline and Tetrahydrophenanthroline Frameworks for Olefin Polymerization. <i>Polymers</i> , 2019, 11, 1093.	4.5	4
35	Extremely Active Ethylene Tetramerization Catalyst Avoiding the Use of Methylaluminoxane: [iPrN{P(C ₆ H ₄) ₂ SiR ₃ }) ₂ CrCl ₂] ⁺ + ⁻	11.2	19
36	Fluoro-imidazopyridinylidene Ruthenium Catalysts for Cross Metathesis with Ethylene. <i>Organometallics</i> , 2019, 38, 4121-4132.	2.3	17

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37	Mitochondrial Localization of Highly Fluorescent and Photostable BODIPY-Based Ruthenium(II), Rhodium(III), and Iridium(III) Metal Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 8587-8595.	4.0	49
38	A Series of Quinolinol-Based Indium Luminophores: A Rational Design Approach for Manipulating Photophysical Properties. <i>Inorganic Chemistry</i> , 2019, 58, 8056-8063.	4.0	8
39	Preparation of Pincer Hafnium Complexes for Olefin Polymerization. <i>Molecules</i> , 2019, 24, 1676.	3.8	6
40	Hetero-Multinuclear Co ₂ Pt ₈ Supramolecular Cages Having D ₄ Symmetry from Tetrapyrindyl Metalloligands. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 389-392.	1.9	3
41	Potassium coordination polymer complex containing tetrazolyl ligand. <i>Journal of Molecular Structure</i> , 2019, 1185, 50-56.	3.6	2
42	Substituent Effect in the Synthesis of α,β -Dibromoketones, α,β -Dibromalkenes, and α,β -Diketones from the Reaction of Alkynes and Dibromoisocyanuric Acid. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1846-1858.	4.3	18
43	Crystal structure of 1,4-bis[5-(2-methoxyphenyl)-2H-tetrazol-2-yl]butane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1844-1847.	0.5	0
44	A Regulation of Regiodivergent Routes for Enantioselective Aldol Addition of 2-Alkyl Allenates with Aldehydes: α -Addition versus β -Addition. <i>Organic Letters</i> , 2018, 20, 1521-1525.	4.6	16
45	Synthesis of isatin-conjugated 3H-indole-N-oxides and their serendipitous conversion to spiroindolenines. <i>Tetrahedron Letters</i> , 2018, 59, 1484-1488.	1.4	8
46	A salen-Al/carbazole dyad-based guest-host assembly: enhancement of luminescence efficiency via intramolecular energy transfer. <i>Chemical Communications</i> , 2018, 54, 4712-4715.	4.1	13
47	Self-Assembled BODIPY-Based Iridium Metallarectangles: Cytotoxicity and Propensity to Bind Biomolecules. <i>ChemPlusChem</i> , 2018, 83, 339-347.	2.8	22
48	Synthesis of Spirocyclohexadienyl-oxindoles by α -Electrocyclization of Trienes Derived from Wittig Reaction of Morita-Baylis-Hillman Carbonates and α,β -Unsaturated Aldehydes. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 115-118.	1.9	7
49	Titanium complexes containing tridentate [ONO] type Schiff base ligands for the cycloaddition reaction of CO ₂ to propylene oxide. <i>Polyhedron</i> , 2018, 141, 191-197.	2.2	11
50	Supramolecular Pt(II) and Ru(II) Trigonal Prismatic Cages Constructed with a Tris(pyridyl)borane Donor. <i>Inorganic Chemistry</i> , 2018, 57, 11696-11703.	4.0	17
51	Tetra-, Hexa-, Dodeca-Nuclear Ir Supramolecules via Bridge-Driven Self-Assembly of Tetrazolyl Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 8054-8057.	4.0	13
52	BODIPY-based Ir(III) rectangles containing bis-benzimidazole ligands with highly selective toxicity obtained through self-assembly. <i>Journal of Organometallic Chemistry</i> , 2018, 868, 86-94.	1.8	19
53	<i>Nido</i> -Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12483-12488.	13.8	70
54	<i>Nido</i> -Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2018, 130, 12663-12668.	2.0	24

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55	Base-catalyzed one-pot synthesis of dispiro-1,3-dioxolane bisoxindoles from N-methylisatin and methyl propiolate. <i>Tetrahedron Letters</i> , 2017, 58, 914-918.	1.4	17
56	Synthesis of Spirooxindoles Bearing Iminothiolactone Moiety from Morita-Baylis-Hillman Carbonates of Isatins and Phenyl Isothiocyanate. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 140-143.	1.9	10
57	Impact of the number of o-carboranyl ligands on the photophysical and electroluminescent properties of iridium(III) cyclometalates. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3024-3034.	5.5	17
58	Synthesis and photophysical properties of phenanthroimidazole-triarylborane dyads: intriguing "turn-on" sensing mediated by fluoride anions. <i>RSC Advances</i> , 2017, 7, 10345-10352.	3.6	16
59	Methylaluminoxane-Free Chromium Catalytic System for Ethylene Tetramerization. <i>ACS Omega</i> , 2017, 2, 765-773.	3.5	31
60	Intriguing Indium-salen Complexes as Multicolor Luminophores. <i>Inorganic Chemistry</i> , 2017, 56, 2621-2626.	4.0	28
61	Dangling and Hydrolyzed Ligand Arms in $[\text{Mn}_3]$ and $[\text{Mn}_6]$ Coordination Assemblies: Synthesis, Characterization, and Functional Activity. <i>Inorganic Chemistry</i> , 2017, 56, 2639-2652.	4.0	18
62	One-Pot Synthesis of 3 -(Benzo[<i>e</i>]indol-2-yl)oxindoles from Isatin-derived Propargylic Alcohols and <i>N</i> -Acetylcaminonaphthalenes. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 582-585.	1.9	6
63	Unique Ruthenium Bimetallic Supramolecular Cages From C_4 -Symmetric Tetraprydil Metalloligands. <i>Inorganic Chemistry</i> , 2017, 56, 5471-5477.	4.0	12
64	Photophysical and Lewis acidic properties of triarylboranes with meta-substituted 2-R-o-carboranes. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 81-87.	1.8	7
65	Synthesis and Dual-Emission Feature of Salen-Al/Triarylborane Dyads. <i>Inorganic Chemistry</i> , 2017, 56, 6039-6043.	4.0	20
66	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids with Aryl Tosylates. <i>ACS Omega</i> , 2017, 2, 6259-6269.	3.5	11
67	Highly Active Salen-Based Aluminum Catalyst for the Coupling of Carbon Dioxide with Epoxides at Ambient Temperature. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5372-5378.	2.0	27
68	Self-Assembly of Novel Thiophene-Based BODIPY Ru^{II} Rectangles: Potential Antiproliferative Agents Selective Against Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 17199-17203.	3.3	55
69	Synthesis of spiroindenyl-2-oxindoles by montmorillonite K-10-catalyzed tandem Friedel-Crafts alkenylation/hydroarylation of propargylic alcohols with sterically hindered and electron-rich arenes. <i>Tetrahedron Letters</i> , 2017, 58, 4094-4098.	1.4	13
70	Synthesis and photophysical study of an octahedral silver(I) 1-D coordination polymer with thiocarboxylic-acid-based ligands. <i>Polyhedron</i> , 2017, 137, 347-352.	2.2	1
71	Synthesis of dispirocyclohexadiene bisoxindole from Morita-Baylis-Hillman carbonate of isatin. <i>Tetrahedron Letters</i> , 2017, 58, 3251-3255.	1.4	19
72	Iron metallascorpionate possessing multiple binding sites: Formation of 3-D hexagonal iron-potassium coordination polymer. <i>Polyhedron</i> , 2017, 137, 89-96.	2.2	0

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73	Ruthenium-Catalyzed C-H Activation of Salicylaldehyde and Decarboxylative Coupling of Alkynoic Acids for the Selective Synthesis of Homoisoﬂavonoids and Flavones. <i>Organic Letters</i> , 2017, 19, 6606-6609.	4.6	38
74	Bifunctional N-heterocyclic carbene ligands for Cu-catalyzed direct C-H carboxylation with CO ₂ . <i>RSC Advances</i> , 2017, 7, 52496-52502.	3.6	33
75	Cationic Ti Complexes with Three [N,O]-Type Tetrazolyl Ligands: Ti ^{IV} -Fe Transmetalation within Fe Metallascorpionate Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 14060-14068.	4.0	5
76	Synthesis, characterization, and cycloaddition reaction studies of zinc(II) acetate complexes containing 2,6-bis(pyrazol-1-yl)pyridine and 2,6-bis(3,5-dimethylpyrazol-1-yl)pyridine ligands. <i>Polyhedron</i> , 2017, 125, 101-106.	2.2	10
77	Crystal structure of methyl 2-[5-(2-hydroxyphenyl)-2H-tetrazol-2-yl]acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1971-1973.	0.5	1
78	Synthesis of Aminonaphthalenes from Morita-Baylis-Hillman Carbonates via 6 π -Electrocyclization of Ketenimine Intermediates. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1140-1143.	1.9	5
79	An Efficient Synthesis of α -Isothiocyanato α , β -Unsaturated Esters from Morita-Baylis-Hillman Adducts. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 592-595.	1.9	3
80	Selective Synthesis of Homoleptic and Heteroleptic Triarylboranes and Their Novel Colour Tunable Properties. <i>ChemistrySelect</i> , 2016, 1, 1239-1242.	1.5	3
81	Facile synthesis of a dimeric titanium(IV) complex with terminal Ti=O moieties and its application as a catalyst for the cycloaddition reaction of CO ₂ to epoxides. <i>RSC Advances</i> , 2016, 6, 97800-97807.	3.6	8
82	Copper(II), zinc(II) and nickel(II) coordination polymers using bidentate hydroxyphenyl-tetrazolyl ligand. <i>Polyhedron</i> , 2016, 117, 735-740.	2.2	5
83	One-pot synthesis of 3-naphtho[2,1-b]furan-2-oxindoles from 3-(arylethynyl)-3-hydroxyindolin-2-ones and 2-naphthols. <i>Tetrahedron Letters</i> , 2016, 57, 4280-4283.	1.4	19
84	Novel BODIPY-based Ru(II) and Ir(III) metalla-rectangles: cellular localization of compounds and their antiproliferative activities. <i>Chemical Communications</i> , 2016, 52, 4274-4277.	4.1	81
85	Preparation of zwitterion-type chromium(II) complexes for ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2016, 803, 13-20.	1.8	10
86	The substituent effect of 2-R-o-carborane on the photophysical properties of iridium(III) cyclometalates. <i>Dalton Transactions</i> , 2016, 45, 5667-5675.	3.3	34
87	Stereoselective synthesis of (E,Z)-3,4-dialkylidene-N-phenylpyrrolidine-2,5-diones starting from Morita-Baylis-Hillman carbonates. <i>Tetrahedron Letters</i> , 2016, 57, 479-482.	1.4	10
88	Diastereoselective Synthesis of Six-Membered Carbocyclic Spirooxindoles via 6 π -Electrocyclization of α -Dienylidene α -oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1532-1544.	4.3	32
89	Synthesis of α -(β -disubstituted)allylidene α -oxindoles from Isatins by Wittig Reaction with Morita-Baylis-Hillman Bromides. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 219-225.	1.9	7
90	Lithium-Filled Double-Deck Layered Structure of the RELiCu ₂ -yP ₂ (RE= La, Pr, Nd, Gd, Er; 0.82 \leq y \leq 1; 1.19) Tj ETQqO O O rgBT /Overl 2015, 2786-2793.	2.0	13

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91	Manipulation of Phosphorescence Efficiency of Cyclometalated Iridium Complexes by Substituted <i>o</i> -Carboranes. <i>Chemistry - A European Journal</i> , 2015, 21, 2052-2061.	3.3	70
92	Preparation of octahydro- and tetrahydro-[1,10]phenanthroline zirconium and hafnium complexes for olefin polymerization. <i>Dalton Transactions</i> , 2015, 44, 3845-3855.	3.3	13
93	Palladium-Catalyzed Construction of Spirooxindoles by Arylative Cyclization of β -(<i>o</i> -disubstituted)allylidene- α -oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 701-708.	4.3	37
94	Copper-Catalyzed Selective Arylations of Benzoxazoles with Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2015, 80, 3670-3676.	3.2	29
95	<i>o</i> -Carboranyl-Phosphine as a New Class of Strong-Field Ancillary Ligand in Cyclometalated Iridium(III) Complexes: Toward Blue Phosphorescence. <i>Organometallics</i> , 2015, 34, 3455-3458.	2.3	38
96	Lewis acidity enhancement of triarylborane by appended phosphine oxide groups. <i>Dalton Transactions</i> , 2015, 44, 4765-4772.	3.3	7
97	Synthesis of Ramirez ylides from Morita-Baylis-Hillman adducts of β -bromocinnamaldehyde: an intramolecular 1,6-conjugate addition of phosphorus ylide. <i>Tetrahedron Letters</i> , 2015, 56, 4349-4353.	1.4	9
98	Iridium Cyclometalates with Tethered <i>o</i> -Carboranes: Impact of Restricted Rotation of <i>o</i> -Carborane on Phosphorescence Efficiency. <i>Journal of the American Chemical Society</i> , 2015, 137, 8018-8021.	13.7	103
99	Dinuclear iron(III) complexes with different ligation for ring opening polymerization of lactide. <i>Polyhedron</i> , 2015, 95, 24-29.	2.2	17
100	Monomeric or Dimeric Aluminum Complexes as Catalysts for Cycloaddition between CO_2 and Epoxides. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2323-2329.	2.0	20
101	A chromium precursor for the Phillips ethylene trimerization catalyst: (2-ethylhexanoate) $_2$ CrOH. <i>Dalton Transactions</i> , 2015, 44, 11004-11012.	3.3	25
102	Iron Catalysts Containing Pyridoxal Ligands for Cycloaddition of CO_2 to Epoxides. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1296-1299.	1.9	4
103	Selective Formation of Heterometallic Ru-Ag Supramolecules via Stoichiometric Control of Multiple Different Tectons. <i>Journal of the American Chemical Society</i> , 2015, 137, 5863-5866.	13.7	19
104	Cobalt/nitrophenolate-catalyzed selective conversion of aldoximes into nitriles or amides. <i>Catalysis Communications</i> , 2015, 60, 120-123.	3.3	8
105	Ruthenium-Cobalt Bimetallic Supramolecular Cages via a Less Symmetric Tetrapyriddy Metallogligand and the Effect of Spacer Units. <i>Journal of the American Chemical Society</i> , 2015, 137, 13018-13023.	13.7	24
106	Triarylborane Lewis acids with indole or phenol group: B/H hybrid receptors for fluoride. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 143-148.	1.8	3
107	Experimental and theoretical investigations for site preference and anisotropic size change of $\text{RE}_2\text{Ge}_4\text{In}_6\text{M}_x$ (RE=La, Ce; M=Li, Ge; x=1, 1.96). <i>Journal of Alloys and Compounds</i> , 2015, 620, 269-276.	5.5	16
108	Crystal structure of 1-(5-amino-2H-tetrazol-2-yl)-2-methylpropan-2-ol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o1057-o1058.	0.5	1

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109	Zirconocene Complexes as Catalysts for the Cycloaddition of CO ₂ to Propylene Oxide. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5107-5112.	2.0	12
110	Concerning the chromium precursor CrCl ₃ (THF) ₃ . <i>Inorganic Chemistry Communication</i> , 2014, 44, 148-150.	3.9	21
111	Titanium complexes containing bidentate benzotriazole ligands as catalysts for the ring opening polymerization of lactide. <i>Polyhedron</i> , 2014, 67, 286-294.	2.2	23
112	Zirconium complexes with pendant aryloxy groups attached to the metallocene moiety by ethyl or hexyl spacers. <i>Polyhedron</i> , 2014, 67, 205-212.	2.2	4
113	Terpyridine-Triarylborane Conjugates for the Dual Complexation of Zinc(II) Cation and Fluoride Anion. <i>Organometallics</i> , 2014, 33, 753-762.	2.3	35
114	Preparation of ansa-metallocenes for production of poly(1-olefin) lubricants. <i>Dalton Transactions</i> , 2014, 43, 10132.	3.3	28
115	Preparation of [bis(amido)-phosphine] and [amido-phosphine sulfide or oxide] hafnium and zirconium complexes for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 172-181.	1.8	12
116	New Class of Scorpionate: Tris(tetrazolyl)Iron Complex and Its Different Coordination Modes for Alkali Metal Ions. <i>Inorganic Chemistry</i> , 2014, 53, 8213-8220.	4.0	10
117	Fluorescent chemosensor based on pyrrole-aminoindanol for selective zinc detection. <i>Inorganic Chemistry Communication</i> , 2014, 50, 24-27.	3.9	10
118	Highly stable methylaluminum dimer complex with chiral tridentate ligand. <i>Inorganic Chemistry Communication</i> , 2014, 44, 139-142.	3.9	5
119	Dinuclear Aluminum Complexes as Catalysts for Cycloaddition of CO ₂ to Epoxides. <i>Organometallics</i> , 2014, 33, 2770-2775.	2.3	48
120	The Novel SCN-Ion-selective Electrode Based on the 1-Benzyl-3-(4-nitrophenyl) thio-urea Ionophore. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3175-3180.	1.9	2
121	An efficient synthesis of poly-substituted benzene and tricyclo[3.2.1.0 ^{2,7}]oct-3-ene derivatives starting from Morita-Baylis-Hillman adducts. <i>Tetrahedron Letters</i> , 2013, 54, 387-391.	1.4	23
122	New Titanium Catalysts Containing Tetrazole for Cycloaddition of CO ₂ to Epoxides. <i>Organometallics</i> , 2013, 32, 4452-4455.	2.3	39
123	A Ruthenium-Iron Bimetallic Supramolecular Cage with D _{4h} Symmetry from a Tetrapyridyl Iron(I) Metalloligand. <i>Organometallics</i> , 2013, 32, 7272-7274.	2.3	18
124	Preparation of Phosphine-Amido Hafnium and Zirconium Complexes for Olefin Polymerization. <i>Organometallics</i> , 2013, 32, 7357-7365.	2.3	22
125	Synthesis of hexahydroisoindole-3a-carboxylates by IMDA reaction of Morita-Baylis-Hillman adduct-derived dienes bearing a Z-alkenyl tether. <i>Tetrahedron Letters</i> , 2013, 54, 5739-5743.	1.4	10
126	CO ₂ /ethylene oxide copolymerization and ligand variation for a highly active salen-cobalt(III) complex tethering 4 quaternary ammonium salts. <i>Dalton Transactions</i> , 2013, 42, 9245-9254.	3.3	37

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127	Preparation of Thiophene-Fused and Tetrahydroquinoline-Linked Cyclopentadienyl Titanium Complexes for Ethylene/ \pm -Olefin Copolymerization. <i>Catalysts</i> , 2013, 3, 104-124.	3.5	15
128	Novel Silver Cobaltacarborane Complexes with a Linearly Bridging Halide. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2863-2864.	1.9	1
129	Synthesis and Fluoride Binding Properties of Tris-pyridinium Borane. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1990-1994.	1.9	5
130	2-Benzhydryl-6-tert-butyl-4-methylphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o287-o287.	0.2	0
131	4-[[[(1S,2R)-2-Hydroxyindan-1-yl]amino]pent-3-en-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2455-o2455.	0.2	2
132	Bis(η^4 -trimethylsilanolato- η^2 O:O)bis{[2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenolato- η^2 N,O]zinc}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m87-m87.	0.2	2
133	(1 <i>S</i> ,2 <i>R</i>)-1-[(<i>E</i>)-(Thiophen-2-ylmethylidene)amino]indan-2-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2568-o2568.	0.2	0
134	2,8,9-Tris(2-methylpropyl)-2,5,8,9-tetraaza-1 λ^5 -phosphatricyclo[3.3.3.0 ^{1,5}]undecan-5-ium chloride dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3317-o3317.	0.2	2
135	Turning On MLCT Phosphorescence of Iridium(III) π -Borane Conjugates upon Fluoride Binding. <i>Organometallics</i> , 2012, 31, 31-34.	2.3	44
136	Synthesis, characterization of palladium hydroxysalen complex and its application in the coupling reaction of arylboronic acids: Mizoroki π -Heck type reaction and decarboxylative couplings. <i>Inorganic Chemistry Communication</i> , 2012, 23, 1-5.	3.9	18
137	Synthesis, X-ray structures, and controlled ring opening polymerization behavior of L-lactide using titanium complexes chelated by tetradentate diamine π -diethanolate ligand. <i>Dalton Transactions</i> , 2012, 41, 11619.	3.3	15
138	Tris(4-hydroxy-3,5-diisopropylbenzyl)amine as a new bridging ligand for novel trinuclear titanium complexes. <i>Polyhedron</i> , 2012, 31, 665-670.	2.2	4
139	In-situ generation of a well-dispersed multiwall carbon nanotube/syndiotactic polystyrene composite using pentamethylcyclopentadienyltitanium trimethoxide anchored to multiwall carbon nanotubes. <i>Polymer</i> , 2012, 53, 933-938.	3.8	2
140	Preparation of polyethylene with controlled bimodal molecular weight distribution using zirconium complexes. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 429-432.	5.8	6
141	Butadiene Polymerization Catalyzed by Tri(aryloxo)aluminum Adduct of Cobalt Acetate. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 4028-4034.	1.9	4
142	Boratrane with all six-membered rings or with two different ring sizes: Synthesis, characterization, and X-ray crystal structures. <i>Inorganica Chimica Acta</i> , 2011, 378, 311-314.	2.4	7
143	Synthesis, X-ray structures, and syndiospecific polymerization behavior of styrene of new (pentamethylcyclopentadienyl) titanatrane containing modified tetradentate triethanolamine ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1729-1735.	1.8	8
144	Novel zirconium complexes containing a bidentate phenoxybenzotriazole ligand. <i>Polyhedron</i> , 2011, 30, 809-813.	2.2	7

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145	Synthesis and crystal structures of boratranes with methyl substituents on the atrane cage. <i>Polyhedron</i> , 2011, 30, 1076-1079.	2.2	9
146	$\frac{1}{4}$ -Oxido-bis{bis[(pentafluorophenyl)methanolato](η -5-pentamethylcyclopentadienyl)titanium(IV)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1104-m1104.	0.2	1
147	$\frac{1}{4}$ -Oxido-bis[bis(pentafluorophenolato)(η -5-pentamethylcyclopentadienyl)titanium(IV)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1147-m1147.	0.2	0
148	Selective synthesis of monomeric or dimeric titanatranes via fine tuning in triethanolateamine ligand. <i>Polyhedron</i> , 2010, 29, 379-383.	2.2	13
149	Crystal Structures and Magnetic Properties of Newly Synthesized Mono- and Dinuclear Cu ^{II} Schiff Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5018-5026.	2.0	6
150	Synthesis, Structures, Photoluminescent Behaviors, and DFT Studies of Novel Aluminum Complexes Containing Phenoxybenzotriazole Derivatives. <i>Organometallics</i> , 2010, 29, 347-353.	2.3	16
151	C2-Symmetric bipyrrrolidines as organocatalysts for asymmetric Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2009, 50, 7388-7391.	1.4	21
152	Titanium complexes containing new dianionic tetradentate [ONNO]-type ligands with benzyl substituents on bridging nitrogen atoms: Syntheses, X-ray structures, and catalytic activities in ring opening polymerization of lactide. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3409-3417.	1.8	33
153	Aminosilylene-bridged ansa-zirconocenes for branched polyethylenes with bimodal molecular weight distributions. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4216-4222.	1.8	7
154	Stoichiometric Control of Multiple Different Tectons in Coordination-Driven Self-Assembly: Preparation of Fused Metallacyclic Polygons. <i>Journal of the American Chemical Society</i> , 2009, 131, 12028-12029.	13.7	58
155	Highly Selective Fluorescence Detection of Cu ²⁺ in Water by Chiral Dimeric Zn ²⁺ Complexes through Direct Displacement. <i>Inorganic Chemistry</i> , 2009, 48, 1799-1801.	4.0	121
156	Aqueous Fluorometric and Colorimetric Sensing of Phosphate Ions by a Fluorescent Dinuclear Zinc Complex. <i>Inorganic Chemistry</i> , 2009, 48, 2993-2999.	4.0	159
157	Synthesis, characterization, and catalytic activities in syndiospecific polymerization of styrene for half-sandwich titanium complexes with non-Cp tridentate dianionic ligands MeN(CH ₂ CR ₂ O ⁻) ₂ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1945-1951.	1.8	12
158	Synthesis, characterization, and polymerization activity of (pentamethylcyclopentadienyl)titanatranes containing {(O-2,4-Me ₂ C ₆ H ₂ -6-CH ₂) _n N(CH ₂ CH ₂ O) ₃ } ⁿ⁻ (n=0-2) or {N(C ₆ H ₄ -2-O) ₃ } ⁿ⁻ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3715-3721.	1.8	12
159	Optical Effects of S-Oxidation and M ⁿ⁺ Binding in meso-Thienyl Dipyrrin Systems and of Stepwise Bromination of 4,4-Difluoro-8-(2,5-dibromo-3-thienyl)-4-bora-3,4-diaza-indacene. <i>Inorganic Chemistry</i> , 2008, 47, 11071-11083.	4.0	52
160	Reactivity of Bromodilithiosilane to Naphthalene and Anthracene. <i>Organometallics</i> , 2008, 27, 6375-6378.	2.3	14
161	Novel Chlorotitanium Complexes Containing Chiral Tridentate Schiff Base Ligands for Ring-Opening Polymerization of Lactide. <i>Inorganic Chemistry</i> , 2007, 46, 7701-7703.	4.0	67
162	Dinuclear Metallocenes with a Modulated Biphenylene Bridge for Olefin Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 537-545.	2.0	9

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163	Titanatranes containing tetradentate ligands with controlled steric hindrance. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3519-3525.	1.8	30
164	Facile synthesis and X-ray structures of $(\eta^5\text{-C}_5\text{Me}_5)\text{Ti}(\text{OArF})_3$ (OArF=OC ₆ F ₅ , OCH ₂ C ₆ F ₅ , and) <i>Tetrahedron Letters</i> , 2007, 48, 1071-1074.	1.8	4
165	X-ray diffraction, DFT, and spectroscopic study of N,N'-difluoroboryl-5-(2-thienyl)dipyrin and fluorescence studies of related dipyrromethanes, dipyrins and BF ₂ -dipyrins and DFT conformational study of 5-(2-thienyl)dipyrin. <i>Journal of Chemical Crystallography</i> , 2007, 37, 315-331.	1.1	27
166	Trimanganese Complexes Bearing Bidentate Nitrogen Ligands as a Highly Efficient Catalyst Precursor in the Epoxidation of Alkenes. <i>Journal of Organic Chemistry</i> , 2006, 71, 6721-6727.	3.2	37
167	Synthetic, crystallographic and electrochemical studies of thienyl-substituted corrole complexes of copper and cobalt. <i>Polyhedron</i> , 2006, 25, 1519-1530.	2.2	27
168	Tetraarylphosphonium Halides as Arylating Reagents in Pd-Catalyzed Heck and Cross-Coupling Reactions. <i>ChemInform</i> , 2006, 37, no.	0.0	0
169	Tetraarylphosphonium Halides as Arylating Reagents in Pd-Catalyzed Heck and Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6166-6169.	13.8	133
170	Notable Coordination Effects of 2-Pyridinesulfonamides Leading to Efficient Aziridination and Selective Aziridine Ring Opening. <i>ChemInform</i> , 2005, 36, no.	0.0	0
171	Synthesis and structures of thienyl-substituted 5-dipyrromethane isomers. <i>Journal of Chemical Crystallography</i> , 2005, 35, 949-955.	1.1	26
172	Synthesis and Polymerization Behavior of Cp*Ti(2-pyridinecarboxylato) ₂ Cl: A New Cp/non-Cp Hybrid Catalyst for Polyethylene with Multimodal Molecular Weight Distribution. <i>Bulletin of the Korean Chemical Society</i> , 2005, 26, 713-714.	1.9	2
173	Non-Cp type homogeneous catalytic systems for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4263-4276.	1.8	70
174	Notable Coordination Effects of 2-Pyridinesulfonamides Leading to Efficient Aziridination and Selective Aziridine Ring Opening. <i>Organic Letters</i> , 2004, 6, 4109-4112.	4.6	62
175	Effect of Lewis Basic Amine Site on Proton Reduction Activity of NNN-Co Pincer Complex. <i>Bulletin of the Korean Chemical Society</i> , 0, , .	1.9	2
176	Highly selective ethenolysis with acyclic-aminooxycarbene ruthenium catalysts. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.0	3