

Junseong Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4791496/publications.pdf>

Version: 2024-02-01

176
papers

3,362
citations

159525

30
h-index

214721

47
g-index

191
all docs

191
docs citations

191
times ranked

3606
citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous Fluorometric and Colorimetric Sensing of Phosphate Ions by a Fluorescent Dinuclear Zinc Complex. <i>Inorganic Chemistry</i> , 2009, 48, 2993-2999.	1.9	159
2	Tetraarylphosphonium Halides as Arylating Reagents in Pd-Catalyzed Heck and Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6166-6169.	7.2	133
3	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.	1.9	121
4	Identification of Single-Atom Ni Site Active toward Electrochemical CO ₂ Conversion to CO. <i>Journal of the American Chemical Society</i> , 2021, 143, 925-933.	6.6	107
5	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.	6.6	103
6	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.	2.2	81
7	Non-Cp type homogeneous catalytic systems for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4263-4276.	0.8	70
8	Manipulation of Phosphorescence Efficiency of Cyclometalated Iridium Complexes by Substituted <i>o</i> -Carboranes. <i>Chemistry - A European Journal</i> , 2015, 21, 2052-2061.	1.7	70
9	<i>nido</i> -Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12483-12488.	7.2	70
10	Novel Chlorotitanium Complexes Containing Chiral Tridentate Schiff Base Ligands for Ring-Opening Polymerization of Lactide. <i>Inorganic Chemistry</i> , 2007, 46, 7701-7703.	1.9	67
11	Notable Coordination Effects of 2-Pyridinesulfonamides Leading to Efficient Aziridination and Selective Aziridine Ring Opening. <i>Organic Letters</i> , 2004, 6, 4109-4112.	2.4	62
12	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.	6.6	58
13	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.	1.7	55
14	Optical Effects of <i>S</i> -Oxidation and Mn ⁺ Binding in <i>meso</i> -Thienyl Dipyrrin Systems and of Stepwise Bromination of 4,4-Difluoro-8-(2,5-dibromo-3-thienyl)-4-bora-3,4-diaza- <i>s</i> -indacene. <i>Inorganic Chemistry</i> , 2008, 47, 11071-11083.	1.9	52
15	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.	1.9	49
16	Dinuclear Aluminum Complexes as Catalysts for Cycloaddition of CO ₂ to Epoxides. <i>Organometallics</i> , 2014, 33, 2770-2775.	1.1	48
17	Turning On MLCT Phosphorescence of Iridium(III)-Borane Conjugates upon Fluoride Binding. <i>Organometallics</i> , 2012, 31, 31-34.	1.1	44
18	New Titanium Catalysts Containing Tetrazole for Cycloaddition of CO ₂ to Epoxides. <i>Organometallics</i> , 2013, 32, 4452-4455.	1.1	39

#	ARTICLE	IF	CITATIONS
19	<i>Carboranyl</i> 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.	1.1	38
20	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.	2.4	38
21	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.	1.7	37
22	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.	1.6	37
23	Palladium-Catalyzed Construction of Spirooxindoles by Arylative Cyclization of 3-(<i>β</i> , <i>γ</i> -Disubstituted)allylidene-2-Oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 701-708.	2.1	37
24	Terpyridine-Triarylborane Conjugates for the Dual Complexation of Zinc(II) Cation and Fluoride Anion. <i>Organometallics</i> , 2014, 33, 753-762.	1.1	35
25	The substituent effect of 2-R-o-carborane on the photophysical properties of iridium(III) cyclometalates. <i>Dalton Transactions</i> , 2016, 45, 5667-5675.	1.6	34
26	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.	0.8	33
27	Bifunctional N-heterocyclic carbene ligands for Cu-catalyzed direct C-H carboxylation with CO ₂ . <i>RSC Advances</i> , 2017, 7, 52496-52502.	1.7	33
28	Diastereoselective Synthesis of Six-Membered Carbocyclic Spirooxindoles via Electrocyclization of 3-Dienylidene-2-Oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1532-1544.	2.1	32
29	Methylaluminoxane-Free Chromium Catalytic System for Ethylene Tetramerization. <i>ACS Omega</i> , 2017, 2, 765-773.	1.6	31
30	Titanatranes containing tetradentate ligands with controlled steric hindrance. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3519-3525.	0.8	30
31	Spirobifluorene-Based Carboranyl Compounds: Insights into the Rotational Effect of Carborane Cages on Photoluminescence. <i>Chemistry - A European Journal</i> , 2020, 26, 548-557.	1.7	30
32	Copper-Catalyzed Selective Arylations of Benzoxazoles with Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2015, 80, 3670-3676.	1.7	29
33	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.	3.7	29
34	Preparation of ansa-metallocenes for production of poly(\pm -olefin) lubricants. <i>Dalton Transactions</i> , 2014, 43, 10132.	1.6	28
35	Intriguing Indium-salen Complexes as Multicolor Luminophores. <i>Inorganic Chemistry</i> , 2017, 56, 2621-2626.	1.9	28
36	Synthetic, crystallographic and electrochemical studies of thienyl-substituted corrole complexes of copper and cobalt. <i>Polyhedron</i> , 2006, 25, 1519-1530.	1.0	27

#	ARTICLE	IF	CITATIONS
37	X-ray diffraction, DFT, and spectroscopic study of N,N'-difluoroboryl-5-(2-thienyl)dipyrrin and fluorescence studies of related dipyrromethanes, dipyrrens and BF ₂ -dipyrrens and DFT conformational study of 5-(2-thienyl)dipyrrin. <i>Journal of Chemical Crystallography</i> , 2007, 37, 315-331.	0.5	27
38	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.	1.0	27
39	Synthesis and structures of thienyl-substituted 5-dipyrromethane isomers. <i>Journal of Chemical Crystallography</i> , 2005, 35, 949-955.	0.5	26
40	A chromium precursor for the Phillips ethylene trimerization catalyst: (2-ethylhexanoate) ₂ CrOH. <i>Dalton Transactions</i> , 2015, 44, 11004-11012.	1.6	25
41	Ruthenium-Cobalt Bimetallic Supramolecular Cages via a Less Symmetric Tetrapyrrolyl Metalloligand and the Effect of Spacer Units. <i>Journal of the American Chemical Society</i> , 2015, 137, 13018-13023.	6.6	24
42	Nido-Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2018, 130, 12663-12668.	1.6	24
43	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.	0.7	23
44	Titanium complexes containing bidentate benzotriazole ligands as catalysts for the ring opening polymerization of lactide. <i>Polyhedron</i> , 2014, 67, 286-294.	1.0	23
45	Preparation of Phosphine-Amido Hafnium and Zirconium Complexes for Olefin Polymerization. <i>Organometallics</i> , 2013, 32, 7357-7365.	1.1	22
46	Self-Assembled BODIPY-Based Iridium Metallarectangles: Cytotoxicity and Propensity to Bind Biomolecules. <i>ChemPlusChem</i> , 2018, 83, 339-347.	1.3	22
47	Abnormal N-Heterocyclic Carbene-Palladium Complexes for the Copolymerization of Ethylene and Polar Monomers. <i>ACS Catalysis</i> , 2020, 10, 5443-5453.	5.5	22
48	C ₂ -Symmetric bipyrrolidines as organocatalysts for asymmetric Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2009, 50, 7388-7391.	0.7	21
49	Concerning the chromium precursor CrCl ₃ (THF) ₃ . <i>Inorganic Chemistry Communication</i> , 2014, 44, 148-150.	1.8	21
50	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.	1.0	20
51	Synthesis and Dual-Emission Feature of Salen-Al/Triarylborane Dyads. <i>Inorganic Chemistry</i> , 2017, 56, 6039-6043.	1.9	20
52	Reversibly Photoswitchable Catalysts for Olefin Metathesis Reactions. <i>ACS Catalysis</i> , 2021, 11, 13860-13865.	5.5	20
53	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.	6.6	19
54	One-pot synthesis of 3-naphtho[2,1-b]furanyl-2-oxindoles from 3-(arylethynyl)-3-hydroxyindolin-2-ones and 2-naphthols. <i>Tetrahedron Letters</i> , 2016, 57, 4280-4283.	0.7	19

#	ARTICLE	IF	CITATIONS
55	Synthesis of dispirocyclohexadiene bisoxindole from Morita-Baylis-Hillman carbonate of isatin. <i>Tetrahedron Letters</i> , 2017, 58, 3251-3255.	0.7	19
56	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.	0.8	19
57	Extremely Active Ethylene Tetramerization Catalyst Avoiding the Use of Methylaluminumoxane: [iPrN{P(C ₆ H ₄) ₂ SiR ₃ }] ₂ CrCl ₂ . <i>ChemCatChem</i> , 2019, 11, 4351-4359.	1.0	19
58	Synthesis, characterization of palladium hydroxysalen complex and its application in the coupling reaction of arylboronic acids: Mizoroki-Heck type reaction and decarboxylative couplings. <i>Inorganic Chemistry Communication</i> , 2012, 23, 1-5.	1.8	18
59	A Ruthenium-Iron Bimetallic Supramolecular Cage with D ₄ Symmetry from a Tetrapyrrolyl Iron(I) Metalloligand. <i>Organometallics</i> , 2013, 32, 7272-7274.	1.1	18
60	Dangling and Hydrolyzed Ligand Arms in [Mn ₃] and [Mn ₆] Coordination Assemblies: Synthesis, Characterization, and Functional Activity. <i>Inorganic Chemistry</i> , 2017, 56, 2639-2652.	1.9	18
61	Substituent Effect in the Synthesis of α,β -Dibromoketones, 1,2-Dibromalkenes, and 1,2-Diketones from the Reaction of Alkynes and Dibromoisocyanuric Acid. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1846-1858.	2.1	18
62	Dinuclear iron(III) complexes with different ligation for ring opening polymerization of lactide. <i>Polyhedron</i> , 2015, 95, 24-29.	1.0	17
63	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.	0.7	17
64	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.	2.7	17
65	Supramolecular Pt(II) and Ru(II) Trigonal Prismatic Cages Constructed with a Tris(pyridyl)borane Donor. <i>Inorganic Chemistry</i> , 2018, 57, 11696-11703.	1.9	17
66	Fluoro-imidazopyridinylidene Ruthenium Catalysts for Cross Metathesis with Ethylene. <i>Organometallics</i> , 2019, 38, 4121-4132.	1.1	17
67	Synthesis, Structures, Photoluminescent Behaviors, and DFT Studies of Novel Aluminum Complexes Containing Phenoxybenzotriazole Derivatives. <i>Organometallics</i> , 2010, 29, 347-353.	1.1	16
68	Experimental and theoretical investigations for site preference and anisotropic size change of RE ₁₁ Ge ₄ In ₆ xM _x (RE=La, Ce; M=Li, Ge; x=1, 1.96). <i>Journal of Alloys and Compounds</i> , 2015, 620, 269-276.	2.8	16
69	Synthesis and photophysical properties of phenanthroimidazole-triarylborane dyads: intriguing off-on sensing mediated by fluoride anions. <i>RSC Advances</i> , 2017, 7, 10345-10352.	1.7	16
70	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.	2.4	16
71	Synthesis, X-ray structures, and controlled ring opening polymerization behavior of L-lactide using titanium complexes chelated by tetradentate diamine-diethanolate ligand. <i>Dalton Transactions</i> , 2012, 41, 11619.	1.6	15
72	Preparation of Thiophene-Fused and Tetrahydroquinoline-Linked Cyclopentadienyl Titanium Complexes for Ethylene/ α -Olefin Copolymerization. <i>Catalysts</i> , 2013, 3, 104-124.	1.6	15

#	ARTICLE	IF	CITATIONS
73	Reactivity of Bromodilithiosilane to Naphthalene and Anthracene. <i>Organometallics</i> , 2008, 27, 6375-6378.	1.1	14
74	Styrene Moiety-Carrying Diorganozinc Compound Preparation for Polystyrene-Poly(ethylene-co-1-hexene)-Polystyrene Triblock Copolymer Production. <i>Macromolecules</i> , 2020, 53, 7274-7284.	2.2	14
75	Selective synthesis of monomeric or dimeric titanatranes via fine tuning in triethanolamine ligand. <i>Polyhedron</i> , 2010, 29, 379-383.	1.0	13
76	Lithium-Filled Double-Deck Layered Structure of the RE ₂ LiCu ₂ Y ₂ P ₂ (RE = La, Pr, Nd, Gd, Er; 0.82 ≤ x ≤ 1; 1.19) Tj ETQqO O O rgBT /Overl 2015, 2786-2793.	1.0	13
77	Preparation of octahydro- and tetrahydro-[1,10]phenanthroline zirconium and hafnium complexes for olefin polymerization. <i>Dalton Transactions</i> , 2015, 44, 3845-3855.	1.6	13
78	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.	0.7	13
79	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.	2.2	13
80	Tetra-, Hexa-, Dodeca-Nuclear Ir Supramolecules via Bridge-Driven Self-Assembly of Tetrazolyl Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 8054-8057.	1.9	13
81	Enhancing the thermally activated delayed fluorescence of nido-carborane-appended triarylboranes by steric modification of the phenylene linker. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3456-3464.	3.0	13
82	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⁻) ₂ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1945-1951.	0.8	12
83	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 3~ ⁿ (n=0~2) or {N(C ₆ H ₄ -2-O) ₃ 3~ ⁿ }. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3715-3721.	0.8	12
84	Zirconocene Complexes as Catalysts for the Cycloaddition of CO ₂ to Propylene Oxide. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5107-5112.	1.0	12
85	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.	0.8	12
86	Unique Ruthenium Bimetallic Supramolecular Cages From C ₄ -Symmetric Tetrapyrrolyl Metalloligands. <i>Inorganic Chemistry</i> , 2017, 56, 5471-5477.	1.9	12
87	Gold-Catalyzed Synthesis of Ictexane Cores: Short Synthesis of Taxamairin B and Rosmaridiphenol. <i>Organic Letters</i> , 2020, 22, 9225-9228.	2.4	12
88	Zinc-based Metal Organic Framework Derived From Anthracene and BODIPY Chromophores: Synthesis and Photophysical Properties. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 645-648.	1.0	12
89	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids with Aryl Tosylates. <i>ACS Omega</i> , 2017, 2, 6259-6269.	1.6	11
90	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.	1.0	11

#	ARTICLE	IF	CITATIONS
91	Synthesis of hexahydroisindole-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.	0.7	10
92	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.	1.9	10
93	Fluorescent chemosensor based on pyrrole-aminoindanol for selective zinc detection. <i>Inorganic Chemistry Communication</i> , 2014, 50, 24-27.	1.8	10
94	Preparation of zwitterion-type chromium(II) complexes for ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2016, 803, 13-20.	0.8	10
95	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.	0.7	10
96	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.	1.0	10
97	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.	1.0	10
98	Highly Emissive <i>ortho</i> -Donor-Acceptor Triarylboranes: Impact of Boryl Acceptors on Luminescence Properties. <i>Organometallics</i> , 2020, 39, 2235-2244.	1.1	10
99	Preparation of double-metal cyanide catalysts with H ₃ Co(CN) ₆ for propylene oxide homo- and CO ₂ -copolymerization. <i>Journal of CO₂ Utilization</i> , 2021, 53, 101755.	3.3	10
100	Dinuclear Metallocenes with a Modulated Biphenylene Bridge for Olefin Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 537-545.	1.0	9
101	Synthesis and crystal structures of boratranes with methyl substituents on the atrane cage. <i>Polyhedron</i> , 2011, 30, 1076-1079.	1.0	9
102	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.	0.7	9
103	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.	5.5	9
104	Synthesis, X-ray structures, and syndiospecific polymerization behavior of styrene of new (pentamethylcyclopentadienyl) titanatranes containing modified tetradentate triethanolamine ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1729-1735.	0.8	8
105	Cobalt/nitrophenolate-catalyzed selective conversion of aldoximes into nitriles or amides. <i>Catalysis Communications</i> , 2015, 60, 120-123.	1.6	8
106	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.	1.7	8
107	Synthesis of isatin-conjugated 3H-indole-N-oxides and their serendipitous conversion to spiroindolenines. <i>Tetrahedron Letters</i> , 2018, 59, 1484-1488.	0.7	8
108	Selective Self-Assembly of a Rectangular Ruthenium Supramolecule from an Unsymmetrical Bridging Unit. <i>Inorganic Chemistry</i> , 2019, 58, 11493-11499.	1.9	8

#	ARTICLE	IF	CITATIONS
109	A Series of Quinololinol-Based Indium Luminophores: A Rational Design Approach for Manipulating Photophysical Properties. <i>Inorganic Chemistry</i> , 2019, 58, 8056-8063.	1.9	8
110	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.	2.0	8
111	Aminosilylene-bridged ansa-zirconocenes for branched polyethylenes with bimodal molecular weight distributions. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4216-4222.	0.8	7
112	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.	1.2	7
113	Novel zirconium complexes containing a bidentate phenoxybenzotriazole ligand. <i>Polyhedron</i> , 2011, 30, 809-813.	1.0	7
114	Synthesis of 3- α -(β , γ -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.	1.0	7
115	Lewis acidity enhancement of triarylborane by appended phosphine oxide groups. <i>Dalton Transactions</i> , 2015, 44, 4765-4772.	1.6	7
116	Photophysical and Lewis acidic properties of triarylboranes with meta-substituted 2-R-o-carboranes. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 81-87.	0.8	7
117	Synthesis of Spirocyclohexadienyl- α -oxindoles by 6 π -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.	1.0	7
118	Replacement of the Common Chromium Source CrCl ₃ (thf) ₃ with Well-Defined [CrCl ₂ ($\frac{1}{4}$ -Cl)(thf) ₂] ₂ . <i>Molecules</i> , 2021, 26, 1167.	1.7	7
119	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.	1.0	6
120	Preparation of polyethylene with controlled bimodal molecular weight distribution using zirconium complexes. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 429-432.	2.9	6
121	One-Pot Synthesis of 3-(Benzo[<i>c</i>]indol-2-yl)- α -oxindoles from Isatin-derived Propargylic Alcohols and <i>N</i> -Acetyl- α -aminonaphthalenes. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 582-585.	1.0	6
122	Preparation of Pincer Hafnium Complexes for Olefin Polymerization. <i>Molecules</i> , 2019, 24, 1676.	1.7	6
123	Cobalt complexes containing salen-type pyridoxal ligand and DMSO for cycloaddition of carbon dioxide to propylene oxide. <i>Polyhedron</i> , 2020, 178, 114353.	1.0	6
124	Preparation of High-Purity Ammonium Tetrakis(pentafluorophenyl)borate for the Activation of Olefin Polymerization Catalysts. <i>Molecules</i> , 2021, 26, 2827.	1.7	6
125	Palladium Catalysis Featuring Attractive Noncovalent Interactions Enabled Highly Enantioselective Access to β -Quaternary γ -Lactams. <i>ACS Catalysis</i> , 2022, 12, 5559-5564.	5.5	6
126	Highly stable methylaluminum dimer complex with chiral tridentate ligand. <i>Inorganic Chemistry Communication</i> , 2014, 44, 139-142.	1.8	5

#	ARTICLE	IF	CITATIONS
127	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.	1.0	5
128	Copper(II), zinc(II) and nickel(II) coordination polymers using bidentate hydroxyphenyl-tetrazolyl ligand. <i>Polyhedron</i> , 2016, 117, 735-740.	1.0	5
129	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.	1.9	5
130	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.	1.6	5
131	Synthesis, Structure, and Heavy Atom Effect of $\langle \text{Pt} \rangle$ -Ferrocene BODIPY Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 599-602.	1.0	5
132	One-Step Synthesis of Norabietane Core and its Alkylation to Abietane Analogs. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 517-520.	1.0	5
133	Synthesis and Fluoride Binding Properties of Tris-pyridinium Borane. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1990-1994.	1.0	5
134	Facile synthesis and X-ray structures of (i-5-C5Me5)Ti(OArF) ₃ (OArF=OC6F5, OCH2C6F5, and) $\langle \text{Ti} \rangle$ ETQqO O O rBT / Overlock 10 Tf 50 462	0.8	4
135	Tris(4-hydroxy-3,5-diisopropylbenzyl)amine as a new bridging ligand for novel trinuclear titanium complexes. <i>Polyhedron</i> , 2012, 31, 665-670.	1.0	4
136	Zirconium complexes with pendant aryloxy groups attached to the metallocene moiety by ethyl or hexyl spacers. <i>Polyhedron</i> , 2014, 67, 205-212.	1.0	4
137	Iron Catalysts Containing Pyridoxal Ligands for Cycloaddition of $\langle \text{CO} \rangle_2$ to Epoxides. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1296-1299.	1.0	4
138	Preparation of Half- and Post-Metallocene Hafnium Complexes with Tetrahydroquinoline and Tetrahydrophenanthroline Frameworks for Olefin Polymerization. <i>Polymers</i> , 2019, 11, 1093.	2.0	4
139	Electrochemical behaviors of a pincer-type NNN-Fe complex and catalytic H ₂ evolution activity. <i>Chemical Communications</i> , 2021, 57, 7497-7500.	2.2	4
140	Butadiene Polymerization Catalyzed by Tri(aryloxo)aluminum Adduct of Cobalt Acetate. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 4028-4034.	1.0	4
141	Syntheses of Silylene-Bridged Thiophene-Fused Cyclopentadienyl ansa-Metallocene Complexes for Preparing High-Performance Supported Catalyst. <i>Catalysts</i> , 2022, 12, 283.	1.6	4
142	Triarylborane Lewis acids with indole or phenol group: B/H hybrid receptors for fluoride. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 143-148.	0.8	3
143	An Efficient Synthesis of $\hat{\text{I}}^{\pm}$ -Isothiocyanato $\hat{\text{I}}^{\pm}$ -Unsaturated Esters from Morita-Baylis-Hillman Adducts. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 592-595.	1.0	3
144	Selective Synthesis of Homoleptic and Heteroleptic Triarylboranes and Their Novel Colour Tunable Properties. <i>ChemistrySelect</i> , 2016, 1, 1239-1242.	0.7	3

#	ARTICLE	IF	CITATIONS
145	Hetero-Multinuclear Co 2 Pt 8 Supramolecular Cages Having D 4 Symmetry from Tetrapyrrolyl Metalloligands. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 389-392.	1.0	3
146	Multinuclear nickel(II) complexes with chiral schiff base ligand. <i>Inorganica Chimica Acta</i> , 2020, 511, 119798.	1.2	3
147	Multinuclear Ir-BODIPY complexes: Synthesis and binding studies. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107759.	1.8	3
148	Highly selective ethenolysis with acyclic-aminooxycarbene ruthenium catalysts. <i>Inorganic Chemistry Frontiers</i> , 0, , .	3.0	3
149	Pyrene and porphyrin-based Zn metal 1-D-polymer: synthesis, molecular structure, and photocatalytic property. <i>Dalton Transactions</i> , 2022, 51, 4257-4261.	1.6	3
150	Intramolecular Cyclization of α -alkynylphenylcarbonyls With a Pendant Double Bond under Copper Catalysis: A General Approach to Norabietane Core Structure. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	3
151	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
152	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
153	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
154	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.	1.8	2
155	Potassium coordination polymer complex containing tetrazolyl ligand. <i>Journal of Molecular Structure</i> , 2019, 1185, 50-56.	1.8	2
156	Unexpected Formation of (1 α + α 1) Ruthenium Macrocyclic from Flexible Ru(II) Clip. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 213-215.	1.0	2
157	Crystal structure, Hirshfeld surface and photophysical analysis of 2-nitro-3-phenyl-9H-carbazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 887-890.	0.2	2
158	Effect of Lewis Basic Amine Site on Proton Reduction Activity of NNN-Co Pincer Complex. <i>Bulletin of the Korean Chemical Society</i> , 0, , .	1.0	2
159	Self-assembly of supramolecules containing half-sandwich iridium units. <i>Coordination Chemistry Reviews</i> , 2021, 445, 213909.	9.5	2
160	Synthesis and Polymerization Behavior of Cp*Ti(2-pyridinecarboxylato)2Cl: 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.	1.0	2
161	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.	1.0	2
162	η^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

#	ARTICLE	IF	CITATIONS
163	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.	1.0	1
164	Frustrated Lewis pairs with thermally activated delayed fluorescence properties: activation of formaldehyde. <i>Dalton Transactions</i> , 2020, 49, 13198-13201.	1.6	1
165	Preparation of Pyridylamido Hafnium Complexes for Coordinative Chain Transfer Polymerization. <i>Polymers</i> , 2020, 12, 1100.	2.0	1
166	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.	0.2	1
167	Novel Silver Cobaltacarborane Complexes with a Linearly Bridging Halide. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2863-2864.	1.0	1
168	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.	0.2	1
169	Selective Formation of Mononuclear Palladium and Acetonitrile-Bridged Dinuclear Palladium Complexes Containing a Chiral Tridentate Ligand. <i>Inorganic Chemistry</i> , 2022, 61, 32-36.	1.9	1
170	Notable Coordination Effects of 2-Pyridinesulfonamides Leading to Efficient Aziridination and Selective Aziridine Ring Opening. <i>ChemInform</i> , 2005, 36, no.	0.1	0
171	Tetraarylphosphonium Halides as Arylating Reagents in Pd-Catalyzed Heck and Cross-Coupling Reactions. <i>ChemInform</i> , 2006, 37, no.	0.1	0
172	$\frac{1}{4}$ -Oxido-bis[bis(pentafluorophenolato)(5-pentamethylcyclopentadienyl)titanium(IV)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1147-m1147.	0.2	0
173	(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
174	Iron metallascorpionate possessing multiple binding sites: Formation of 3-D hexagonal iron-potassium coordination polymer. <i>Polyhedron</i> , 2017, 137, 89-96.	1.0	0
175	2-Benzhydryl-6-tert-butyl-4-methylphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o287-o287.	0.2	0
176	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.	0.2	0