

# Myung Hwan Park

## List of Publications by Year in descending order

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59  
papers

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430442

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59  
docs citations

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times ranked

1186  
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#	ARTICLE	IF	CITATIONS
1	Novel Dimeric <i>o</i> -Carboranyl Triarylborane: Intriguing Ratiometric Color-Tunable Sensor via Aggregation-Induced Emission by Fluoride Anions. <i>Organometallics</i> , 2016, 35, 1771-1777.	1.1	68
2	Functional group effects on a metal-organic framework catalyst for CO <sub>2</sub> cycloaddition. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 64, 478-483.	2.9	62
3	Efficient Aluminum Catalysts for the Chemical Conversion of CO <sub>2</sub> into Cyclic Carbonates at Room Temperature and Atmospheric CO <sub>2</sub> Pressure. <i>ChemSusChem</i> , 2019, 12, 4211-4220.	3.6	56
4	Dinuclear Aluminum Complexes as Catalysts for Cycloaddition of CO <sub>2</sub> to Epoxides. <i>Organometallics</i> , 2014, 33, 2770-2775.	1.1	48
5	Vinyl-Type Polynorbornenes with Triarylamine Side Groups: A New Class of Soluble Hole-Transporting Materials for OLEDs. <i>Macromolecules</i> , 2009, 42, 6840-6843.	2.2	46
6	Triarylborane-functionalized polynorbornenes: Direct polymerization and signal amplification in fluoride sensing. <i>Polymer</i> , 2012, 53, 1857-1863.	1.8	36
7	Synthesis and properties of polyethylene with side-chain triphenylamines as hole-transporting materials. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5816-5825.	2.5	32
8	<i>o</i> -Carborane-Functionalized Luminescent Polyethylene: Potential Chemodosimeter for the Sensing of Nucleophilic Anions. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1362-1366.	1.7	32
9	Defect Engineering into Metal-Organic Frameworks for the Rapid and Sequential Installation of Functionalities. <i>Inorganic Chemistry</i> , 2018, 57, 1040-1047.	1.9	31
10	Spirobifluorene-Based <i>o</i> -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
11	Intriguing Indium-salen Complexes as Multicolor Luminophores. <i>Inorganic Chemistry</i> , 2017, 56, 2621-2626.	1.9	28
12	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
13	Polynorbornene copolymers with pendent <i>o</i> -carborane and carbazole groups: Novel side-chain donor-acceptor copolymers for turn-on sensing of nucleophilic anions. <i>Polymer</i> , 2013, 54, 6321-6328.	1.8	26
14	Luminescent polyethylene with side-chain triarylboranes: Synthesis and fluoride sensing properties. <i>Polymer</i> , 2011, 52, 1510-1514.	1.8	23
15	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
16	Insights into the effects of substitution position on the photophysics of mono- <i>o</i> -carborane-substituted pyrenes. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2949-2959.	3.0	23
17	Vinyl-Type Polynorbornenes with Pendant PCBM: A Novel Acceptor for Organic Solar Cells. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1119-1125.	2.0	22
18	Transition Metal-Catalyzed $\beta$ -Position Carbon-Carbon Bond Formations of Carbonyl Derivatives. <i>Catalysts</i> , 2020, 10, 861.	1.6	21

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19	Synthesis and Dual-Emission Feature of Salen-Al/Triarylborane Dyads. <i>Inorganic Chemistry</i> , 2017, 56, 6039-6043.	1.9	20
20	Synthesis and hole-transporting properties of vinyl-type polynorbornenes with ethyl ester linked triarylamine side groups. <i>Synthetic Metals</i> , 2010, 160, 2000-2007.	2.1	19
21	2-Phenylpyridine- and 2-(benzo[ <i>b</i> ]thiophen-2-yl)pyridine-based <i>o</i> -carboranyl compounds: impact of the structural formation of aromatic rings on photophysical properties. <i>Dalton Transactions</i> , 2019, 48, 1467-1476.	1.6	18
22	Europium-Catalyzed Aerobic Oxidation of Alcohols to Aldehydes/Ketones and Photoluminescence Tracking. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1259-1264.	2.1	18
23	Systematic design of indium-based luminophores with color-tunable emission via combined manipulation of HOMO and LUMO levels. <i>Dyes and Pigments</i> , 2018, 158, 285-294.	2.0	17
24	Synthesis and photophysical properties of phenanthroimidazole-triarylborane dyads: intriguing "turn-on" sensing mediated by fluoride anions. <i>RSC Advances</i> , 2017, 7, 10345-10352.	1.7	16
25	Novel aluminum-BODIPY dyads: intriguing dual-emission via photoinduced energy transfer. <i>Dalton Transactions</i> , 2016, 45, 5825-5832.	1.6	15
26	Effects of Multi-Carborane Substitution on the Photophysical and Electron-Accepting Properties of <i>o</i> -Carboranylbenzene Compounds. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2496-2503.	1.0	15
27	Carbazole-Appended Salen-Indium Conjugate Systems: Synthesis and Enhanced Luminescence Efficiency. <i>Inorganic Chemistry</i> , 2019, 58, 12358-12364.	1.9	15
28	Synthesis of <i>o</i> -carborane-functionalized metal-organic frameworks through ligand exchanges for aggregation-induced emission in the solid state. <i>Chemical Communications</i> , 2019, 55, 11844-11847.	2.2	14
29	Salen-indium/triarylborane triads: synthesis and ratiometric emission-colour changes by fluoride ion binding. <i>Dalton Transactions</i> , 2018, 47, 5310-5317.	1.6	13
30	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
31	Systematic Control of the Overlapping Energy Region for an Efficient Intramolecular Energy Transfer: Functionalized Salen-Al/Triphenylamine Guest-Host Assemblies. <i>Inorganic Chemistry</i> , 2019, 58, 2454-2462.	1.9	13
32	Metallocene-catalyzed synthesis of polyethylenes with side-chain triarylamines: Effects of catalyst structure and triarylamine functionality. <i>Polymer</i> , 2010, 51, 4735-4743.	1.8	12
33	Zirconocene Complexes as Catalysts for the Cycloaddition of CO <sub>2</sub> to Propylene Oxide. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5107-5112.	1.0	12
34	Synthesis of functionalized titanium-carboxylate molecular clusters and their catalytic activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 171-176.	2.9	12
35	Flexibility in metal-organic frameworks derived from positional and electronic effects of functional groups. <i>CrystEngComm</i> , 2017, 19, 5361-5368.	1.3	12
36	Halide-Free and Bifunctional One-Component Catalysts for the Coupling of Carbon Dioxide and Epoxides. <i>Inorganic Chemistry</i> , 2019, 58, 5922-5931.	1.9	12

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37	Polynorbornenes with pendant PCBM as an acceptor for OPVs: Ring-opening metathesis versus vinyl-addition polymerization. <i>European Polymer Journal</i> , 2014, 51, 37-44.	2.6	11
38	Tin(IV)-Porphyrin Tetracarbonyl Cobaltate: An Efficient Catalyst for the Carbonylation of Epoxides. <i>Catalysts</i> , 2019, 9, 311.	1.6	11
39	Transient Directing Group-Assisted C-H Bond Functionalization of Aliphatic Amines: Strategies for Efficiency and Site-Selectivity. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 582-587.	1.0	11
40	Ir-Catalyzed C-H Amidation Using Carbamoyl Azides for the Syntheses of Unsymmetrical Ureas. <i>Journal of Organic Chemistry</i> , 2020, 85, 6233-6241.	1.7	11
41	Synthesis of secondary and tertiary amine-containing MOFs: C-N bond cleavage during MOF synthesis. <i>CrystEngComm</i> , 2015, 17, 5644-5650.	1.3	10
42	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
43	Deboronation-induced ratiometric emission sensing of fluoride by 1,3,5-tris(o-carboranyl-methyl)benzene. <i>Tetrahedron Letters</i> , 2017, 58, 3246-3250.	0.7	9
44	Effect of Planarity of Aromatic Rings Appended to o-Carborane on Photophysical Properties: A Series of o-Carboranyl Compounds Based on 2-Phenylpyridine- and 2-(Benzo[b]thiophen-2-yl)pyridine. <i>Molecules</i> , 2019, 24, 201.	1.7	9
45	A Series of Quinolinol-Based Indium Luminophores: A Rational Design Approach for Manipulating Photophysical Properties. <i>Inorganic Chemistry</i> , 2019, 58, 8056-8063.	1.9	8
46	Lewis acidity enhancement of triarylborane by appended phosphine oxide groups. <i>Dalton Transactions</i> , 2015, 44, 4765-4772.	1.6	7
47	Effect of the Metal within Regioisomeric Paddle-Wheel-Type Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 14414-14420.	1.7	7
48	Three Component Controls in Pillared Metal-Organic Frameworks for Catalytic Carbon Dioxide Fixation. <i>Catalysts</i> , 2018, 8, 565.	1.6	5
49	Highly red-emissive salen-indium complexes: impact of 4-amino-substitution on the photophysical properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 9, 119-126.	3.0	5
50	A biphenylene-bridged dinuclear constrained geometry titanium complex for ethylene and ethylene/1-octene polymerizations. <i>Journal of Organometallic Chemistry</i> , 2012, 696, 4315-4320.	0.8	4
51	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
52	Synthesis and Electroluminescence Properties of 3-(Trifluoromethyl)phenyl-Substituted 9,10-Diarylanthracene Derivatives for Blue Organic Light-Emitting Diodes. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1109.	1.3	4
53	Synthesis and Photophysical Properties of (Cl <sub>2</sub> Ph) <sub>2</sub> Salen-based Indium Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 748-752.	1.0	4
54	Selective Synthesis of Homoleptic and Heteroleptic Triarylboranes and Their Novel Colour Tunable Properties. <i>ChemistrySelect</i> , 2016, 1, 1239-1242.	0.7	3

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55	Photophysical Properties of Spirobifluorene-Based o-Carboranyl Compounds Altered by Structurally Rotating the Carborane Cages. <i>Molecules</i> , 2019, 24, 4135.	1.7	3
56	Experimental, Structural, and Computational Investigation of Mixed Metal-Organic Frameworks from Regioisomeric Ligands for Porosity Control. <i>Crystal Growth and Design</i> , 2020, 20, 5338-5345.	1.4	3
57	Synthesis of Asymmetric Anthracene Derivatives and Their Application for Blue Organic Light-Emitting Diodes. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 136-141.	1.0	2
58	Synthesis and Photophysical Properties of a Series of Dimeric Indium Quinolinates. <i>Molecules</i> , 2021, 26, 34.	1.7	2
59	Transformation of tert-Butyl Amide Directing Groups to Nitriles in Iridium-Catalyzed C-H Bond Functionalizations. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3411.	1.3	1