

Ji Hye Lee

List of Publications by Year in descending order

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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	Biphenyl- and Fluorene-Based <i>o</i> -Carboranyl Compounds: Alteration of Photophysical Properties by Distortion of Biphenyl Rings. <i>Organometallics</i> , 2017, 36, 1522-1529.	1.1	53
3	Catalytic Hydroboration of Aldehydes, Ketones, and Alkenes Using Potassium Carbonate: A Small Key to Big Transformation. <i>ACS Omega</i> , 2019, 4, 15893-15903.	1.6	46
4	Planarity of terphenyl rings possessing <i>o</i> -carborane cages: turning on intramolecular-charge-transfer-based emission. <i>Chemical Communications</i> , 2019, 55, 14518-14521.	2.2	32
5	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
6	Intriguing Indium-salen Complexes as Multicolor Luminophores. <i>Inorganic Chemistry</i> , 2017, 56, 2621-2626.	1.9	28
7	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
8	Lithium diisobutyl-tert-butoxyaluminum hydride (LDBBA) catalyzed hydroboration of alkynes and imines with pinacolborane. <i>New Journal of Chemistry</i> , 2019, 43, 16524-16529.	1.4	21
9	Synthesis and Dual-Emission Feature of Salen-Al/Triarylborane Dyads. <i>Inorganic Chemistry</i> , 2017, 56, 6039-6043.	1.9	20
10	Tris(5-phenyl-1,2,4-triazolyl)iridium(III) Complex and Its Use in Blue Phosphorescent Organic Light-Emitting Diodes to Provide an External Quantum Efficiency of up to 27.8%. <i>Advanced Optical Materials</i> , 2021, 9, 2001957.	3.6	20
11	Lithium bromide: an inexpensive and efficient catalyst for imine hydroboration with pinacolborane at room temperature. <i>RSC Advances</i> , 2020, 10, 34421-34427.	1.7	19
12	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
13	Multiple photoluminescence of spiro[acridine-fluorene]-based <i>o</i> -carboranyl compounds with potential as a visual sensory material. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16896-16906.	2.7	18
14	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
15	Planarity of <i>N</i> -aryl in appended 1,2,4-triazole-based <i>o</i> -carboranyl luminophores: a key factor to control intramolecular charge transfer. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4180-4189.	3.0	17
16	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
17	Quantitative NaH catalytic hydroboration of aldimines. <i>New Journal of Chemistry</i> , 2020, 44, 11330-11335.	1.4	16
18	Novel aluminum-BODIPY dyads: intriguing dual-emission via photoinduced energy transfer. <i>Dalton Transactions</i> , 2016, 45, 5825-5832.	1.6	15

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19	Effects of Multi- <i>o</i> -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
20	Carbazole-Appended Salen-Indium Conjugate Systems: Synthesis and Enhanced Luminescence Efficiency. <i>Inorganic Chemistry</i> , 2019, 58, 12358-12364.	1.9	15
21	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
22	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
23	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
24	Energetic and Dynamic Analysis of Transport of Na ⁺ and K ⁺ through a Cyclic Peptide Nanotube in Water and in Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11912-11922.	1.2	12
25	Impact of the Electronic Environment in Carbazole-Appended <i>o</i> -Carboranyl Compounds on the Intramolecular-Charge-Transfer-Based Radiative Decay Efficiency. <i>Organometallics</i> , 2021, 40, 959-967.	1.1	12
26	Higher-Order Cycloaddition of N-Aromatic Zwitterions and Ketenes to Access Diazepine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1654-1658.	1.3	11
27	Deboronation-induced ratiometric emission sensing of fluoride by 1,3,5-tris-(<i>o</i> -carboranyl-methyl)benzene. <i>Tetrahedron Letters</i> , 2017, 58, 3246-3250.	0.7	9
28	Effect of Planarity of Aromatic Rings Appended to <i>o</i> -Carborane on Photophysical Properties: A Series of <i>o</i> -Carboranyl Compounds Based on 2-Phenylpyridine- and 2-(Benzo[<i>b</i>]thiophen-2-yl)pyridine. <i>Molecules</i> , 2019, 24, 201.	1.7	9
29	Pyrazinoindole-Based Lewis-Acid/Base Assembly: Intriguing Intramolecular Charge-Transfer Switching through the Dual-Sensing of Fluoride and Acid. <i>Journal of Organic Chemistry</i> , 2019, 84, 3843-3852.	1.7	8
30	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
31	Synthesis and Multi-Oxo Anion-Binding Properties of Oligopyrrolic Macrocycles Based on Naphthobipyrrole. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3959-3963.	1.2	7
32	<i>p</i> -Terphenyl-based di- <i>o</i> -carboranyl compounds: Alteration of electronic transition state by terminal phenyl groups. <i>Journal of Organometallic Chemistry</i> , 2016, 825-826, 69-74.	0.8	7
33	Molecular Dynamics Simulations of Micelle Properties and Behaviors of Sodium Lauryl Ether Sulfate Penetrating Ceramide and Phospholipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5919-5929.	1.2	7
34	Deboronation-Induced Ratiometric Emission Variations of Terphenyl-Based Clos- <i>o</i> -Carboranyl Compounds: Applications to Fluoride-Sensing. <i>Molecules</i> , 2020, 25, 2413.	1.7	7
35	Photodissociation Dynamics of Propargyl Alcohol at 212 nm: The OH Production Channel. <i>Journal of Physical Chemistry A</i> , 2010, 114, 2053-2058.	1.1	6
36	Unique prototropy of meso-alkylidenyl carbaporphyrinoid possessing one meso-exocyclic double bond. <i>Chemical Communications</i> , 2015, 51, 16506-16509.	2.2	6

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37	Lithium Bromide/HBpin: A Mild and Effective Catalytic System for the Selective Hydroboration of Aldehydes and Ketones. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 1009-1018.	1.0	6
38	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
39	Alteration of intramolecular electronic transition <i>via</i> deboronation of carbazole-based <i>o</i> -carboranyl compound and intriguing "turn-on" emissive variation. <i>RSC Advances</i> , 2021, 11, 24057-24064.	1.7	4
40	Selective Synthesis of Homoleptic and Heteroleptic Triarylboranes and Their Novel Colour Tunable Properties. <i>ChemistrySelect</i> , 2016, 1, 1239-1242.	0.7	3
41	Quinolinol-based Al/Triarylborane Dyad Assembly: Alteration of Electronic Transition States Mediated by Fluoride Anion Binding. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1294-1301.	1.0	3
42	Photophysical Properties of Spirobifluorene-Based <i>o</i> -Carboranyl Compounds Altered by Structurally Rotating the Carborane Cages. <i>Molecules</i> , 2019, 24, 4135.	1.7	3
43	Influence of Electronic Environment on the Radiative Efficiency of 9-Phenyl-9H-carbazole-Based <i>ortho</i> -Carboranyl Luminophores. <i>Molecules</i> , 2021, 26, 1763.	1.7	3