

Dong-Gyu Cho

List of Publications by Year in descending order

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33
papers

1,565
citations

623734

14
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1735
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern reaction-based indicator systems. <i>Chemical Society Reviews</i> , 2009, 38, 1647.	38.1	404
2	The Benzil~Cyanide Reaction and Its Application to the Development of a Selective Cyanide Anion Indicator. <i>Journal of the American Chemical Society</i> , 2008, 130, 12163-12167.	13.7	210
3	Diindolylquinoxalines:~Effective Indole-Based Receptors for Phosphate Anion. <i>Journal of the American Chemical Society</i> , 2006, 128, 16518-16519.	13.7	182
4	The Benzil Rearrangement Reaction:~Trapping of a Hitherto Minor Product and Its Application to the Development of a Selective Cyanide Anion Indicator. <i>Organic Letters</i> , 2008, 10, 73-75.	4.6	135
5	Defining Spectroscopic Features of Heteroannulenic Antiaromatic Porphyrinoids. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 895-900.	4.6	117
6	Inverted Sapphyrin:~A New Family of Doubly N-Confused Expanded Porphyrins. <i>Journal of the American Chemical Society</i> , 2006, 128, 12640-12641.	13.7	73
7	A Novel Class of Phosphonate Nucleosides. 9-[(1-Phosphonomethoxycyclopropyl)methyl]guanine as a Potent and Selective Anti-HBV Agent. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2864-2869.	6.4	59
8	2-(Naphthalen-1-yl)thiophene as a New Motif for Porphyrinoids: Meso-Fused Carbaporphyrin. <i>Journal of the American Chemical Society</i> , 2016, 138, 4992-4995.	13.7	45
9	<i>N</i>-Tosylpyrrolidine Calix[4]pyrrole: Synthesis and Ion Binding Studies. <i>Journal of Organic Chemistry</i> , 2011, 76, 1005-1012.	3.2	44
10	Hg(II)-Mediated Intramolecular Cyclization Reaction in Aqueous Media and Its Application as Hg(II) Selective Indicator. <i>Organic Letters</i> , 2013, 15, 1072-1075.	4.6	42
11	Synthesis of a Phlorin from a Meso~Fused Anthriporphyrin by a Diels~Alder Strategy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16247-16251.	13.8	38
12	Bis-ureidoquinoline as a Selective Fluoride Anion Sensor through Hydrogen-Bond Interactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 9418-9422.	3.2	30
13	Dioxabenzosapphyrin: A New Benzodifuran-Derived Sapphyrin Analogue. <i>Journal of the American Chemical Society</i> , 2008, 130, 10502-10503.	13.7	29
14	Fluoride indicator that functions in mixed aqueous media: hydrogen bonding effects. <i>Tetrahedron Letters</i> , 2012, 53, 575-578.	1.4	19
15	Simple fluorescent chemosensors for TNT: one-step synthesis. <i>Tetrahedron</i> , 2013, 69, 4652-4656.	1.9	14
16	Conformationally Locked Tolans, $\hat{1}^2$ -Sheet Structures, and Photophysical Properties. <i>Organic Letters</i> , 2015, 17, 6222-6225.	4.6	14
17	Carbaporphyrin Dimers That Bear a Rigid Naphthalene Motif as an Internal Strap. <i>Organic Letters</i> , 2021, 23, 1846-1850.	4.6	14
18	A calix[2]phenol[2]pyrrole and a fused pyrrolidine-containing derivative. <i>Chemical Communications</i> , 2012, 48, 2495.	4.1	11

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19	Hg ^{II} -Selective Fluorescent Indicator: One-Step Synthesis. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2495-2498.	2.4	11
20	Bond Rotation in an Aromatic Carbaporphyrin: Allylporphyrin. <i>Chemistry - A European Journal</i> , 2018, 24, 10054-10058.	3.3	10
21	Accelerated hydration reaction of an unsymmetrical tolan evidenced by a Hg(II)-trapped macrocycle and its application as a Hg(II)-selective indicator. <i>Chemical Communications</i> , 2016, 52, 10759-10762.	4.1	9
22	Synthesis of a Phlorin from a Meso-Fused Anthriporphyrin by a Diels-Alder Strategy. <i>Angewandte Chemie</i> , 2017, 129, 16465-16469.	2.0	9
23	Synthetic anion transporters that bear a terminal ethynyl group. <i>Chemical Communications</i> , 2015, 51, 9339-9342.	4.1	8
24	Fluorescent and cooperative ion pair receptor based on tolan for Na ⁺ (or Li ⁺) and HSO ₄ ⁻ : logic AND gate. <i>Chemical Communications</i> , 2017, 53, 11414-11417.	4.1	8
25	Cooperative ion pair receptor based on tolan as a Li ⁺ /HSO ₄ ⁻ selective extractor and fluorescent indicator. <i>Tetrahedron Letters</i> , 2018, 59, 4475-4478.	1.4	6
26	Anion-binding properties of ureidoquinoline and its turn-on fluorescence in the presence of fluoride anions. <i>Tetrahedron Letters</i> , 2015, 56, 4187-4190.	1.4	5
27	Systematic Modifications of a Simple Tolans: Another Category of Viscosity Sensor. <i>Organic Letters</i> , 2019, 21, 10085-10089.	4.6	5
28	Synthesis and anion binding properties of m-diethynylbenzene expanded calix[4]pyrrole. <i>Tetrahedron Letters</i> , 2013, 54, 6928-6930.	1.4	4
29	Synthetic Anion Transporters as Endoplasmic Reticulum (ER) Stress Inducers. <i>Organic Letters</i> , 2019, 21, 7828-7832.	4.6	4
30	Tuned Al ³⁺ selectivity and π -extended properties of di-2-picolyamine-substituted quinoline-based tolan. <i>Tetrahedron Letters</i> , 2020, 61, 151808.	1.4	4
31	Colorimetric iodide detection in water: a new photo-activated indicator system. <i>Supramolecular Chemistry</i> , 2011, 23, 283-286.	1.2	2
32	Tuned Cd ²⁺ Selectivity: Showcase of Electronic and Regio-Effect of π -Extended Di-2-Picolyamine-Substituted Quinoline-Based Tolans. <i>Molecules</i> , 2021, 26, 917.	3.8	0
33	Isolation of a Melanoblast Stimulator from <i>Dimocarpus longan</i> , Its Structural Modification, and Structure-Activity Relationships for Vitiligo. <i>Molecules</i> , 2022, 27, 2135.	3.8	0