

Hong-Seok Kim

List of Publications by Year in descending order

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76
papers

1,920
citations

201674

27
h-index

289244

40
g-index

76
all docs

76
docs citations

76
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
19	Thiazole-based chemosensor III: synthesis and fluorescence sensing of CH ₃ CO ₂ ⁻ based on inhibition of ESIPT. <i>Tetrahedron</i> , 2010, 66, 7097-7103.	1.9	34
20	New regioisomeric naphtholâ€“thiazole based â€˜turn-onâ€™™ fluorescent chemosensor for Al ³⁺ . <i>Tetrahedron</i> , 2013, 69, 9600-9608.	1.9	34
21	Synthesis of 2â€“Substitutedâ€“4â€“carbethoxythiazoles. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 937-939.	2.6	32
22	Synthesis and antimicrobial activity of imidazole and pyridine appended cholestane-based conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4315-4318.	2.2	32
23	Sensing of Cyanide Using Highly Selective Thiazole-based Cu ²⁺ Chemosensor. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3123-3126.	1.9	32
24	Thiazole-Containing Benzo-Crown Ethers: A New Class of Ammonium-Selective Ionophores. <i>Analytical Chemistry</i> , 2000, 72, 4683-4688.	6.5	31
25	9-Anthracenecarboxamide fluorescent probes for selective discrimination of picric acid from mono- and di-nitrophenols in ethanol. <i>Tetrahedron Letters</i> , 2015, 56, 7094-7099.	1.4	31
26	A highly stereoselective reductive amination of 3-ketosteroid with amines: an improved synthesis of 3Î±-aminosteroid. <i>Tetrahedron Letters</i> , 2005, 46, 7675-7678.	1.4	30
27	A hydoxycholeic acid-based molecular tweezer: a highly selective fluoride anion receptor. <i>Tetrahedron</i> , 2005, 61, 12366-12370.	1.9	29
28	Sensitive and selective fluorescence OFF-ON-OFF sensor for cascade detection of Ga ³⁺ cation and I ⁻ anion based on pyrenesulfonamide-functionalized inorganic/organic hybrid nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 85-93.	7.8	24
29	Synthesis and antimicrobial activity of 7-fluoro-3-aminosteroids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5139-5142.	2.2	23
30	Pyrene-appended imidazolium probes as 3,5-dinitrosalicylic acid sensors in 10% aqueous media. <i>Dyes and Pigments</i> , 2015, 122, 351-358.	3.7	23
31	Fluorescein-N-Methylimidazole Conjugate as Cu ²⁺ Sensor in Mixed Aqueous Media Through Electron Transfer. <i>Journal of Fluorescence</i> , 2016, 26, 1-9.	2.5	23
32	N-(3-Imidazolyl)propyl dansylamide as a selective Hg ²⁺ sensor in aqueous media through electron transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 250-254.	3.9	22
33	Selective fluorescence sensing of salicylic acid using a simple pyrene appended imidazole receptor. <i>New Journal of Chemistry</i> , 2014, 38, 1711.	2.8	21
34	Selective fluorescence sensing of salicylic acids using a simple pyrenesulfonamide receptor. <i>RSC Advances</i> , 2015, 5, 23613-23621.	3.6	21
35	Pyrenebutylamidopropylimidazole as a multi-analyte sensor for 3,5-dinitrosalicylic acid and Hg ²⁺ ions. <i>Journal of Luminescence</i> , 2016, 172, 309-316.	3.1	21
36	9-N-Alkylaminomethylanthracene probes for selective fluorescence sensing of pentafluorophenol. <i>RSC Advances</i> , 2015, 5, 81808-81816.	3.6	20

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37	Highly Selective Fluorescent Probe Based on 2-(2-Dansylamidophenyl)thiazole for Sequential Sensing of Copper(II) and Iodide Ions. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 163-168.	1.9	19
38	Carbazole incorporated ratiometric chemosensor for Zn ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 273-279.	3.9	18
39	Electrochemical discrimination of phthalic acid among three phthalic acid isomers based on an N-butylaminomethyl-ferrocene derivative. <i>Chemical Communications</i> , 2014, 50, 7670.	4.1	18
40	The synthesis of facial amphiphile 3,7-diaminocholestane. <i>Tetrahedron Letters</i> , 2007, 48, 5189-5192.	1.4	17
41	New 2-aminoethylimidazole-based dicarboxylic acid receptor derived from cholestane. <i>Tetrahedron Letters</i> , 2010, 51, 5954-5958.	1.4	17
42	A new fluorogenic sensing platform for salicylic acid derivatives based on π - π and NH- π interactions between electron-deficient and electron-rich aromatics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 151-159.	3.9	17
43	Synthesis and antimicrobial activity of new 3-Hydroxy-23,24-bisnorcholeane polyamine carbamates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 3065-3068.	2.2	16
44	Fluorescent Sensing Properties of Benzo-18-crown-6 Ethers Containing Thiazoles. <i>Supramolecular Chemistry</i> , 2007, 19, 277-281.	1.2	16
45	Pyrenyl-appended imidazolium receptor for selective fluorescence sensing of oxalic acid. <i>Tetrahedron Letters</i> , 2011, 52, 6743-6747.	1.4	16
46	Synthesis of two marine natural products: the aglycones of pavoninin-1 and 2. <i>Tetrahedron</i> , 1997, 53, 8129-8136.	1.9	15
47	Selective discrimination of putrescine and cadaverine based on a Fe ³⁺ -morpholinoanthracene ensemble in solution and solid state and logic gate aided biological applications in mixed aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 842-854.	7.8	15
48	Synthesis of thiazole-containing benzo-crown ethers. <i>Journal of Heterocyclic Chemistry</i> , 1998, 35, 177-181.	2.6	14
49	Reductive Deoxygenation of π -Ferrocenyl Carbonyls and Alcohols to Alkylferrocenes by Borane-Dimethyl Sulfide. <i>Organometallics</i> , 2000, 19, 5784-5786.	2.3	14
50	Synthesis and antimicrobial activity of 7-amino-23,24-bisnor-5 α -cholan-22-ol derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2558-2561.	2.2	14
51	A simple and robust PET-based anthracene-appended O-N-O chelate for sequential recognition of Fe ³⁺ /CN ⁻ ions in aqueous media and its multimodal applications. <i>Inorganica Chimica Acta</i> , 2018, 482, 669-680.	2.4	13
52	Fluorogenic assay of alkaline phosphatase activity based on the modulation of excited-state intramolecular proton transfer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5541-5544.	2.2	12
53	Selective recognition of H^+ by a cholestane-imidazole-zinc ensemble. <i>Tetrahedron Letters</i> , 2012, 53, 2627-2631.	1.4	12
54	Voltammetric ion-channel sensing of ammonium ion using self-assembled monolayers modified with ionophoric receptors. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 1026-1034.	7.8	12

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55	Selective fluorescence sensing of 3,5-dinitrosalicylic acid based on pyrenesulfonamide-functionalized inorganic/organic hybrid nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 44, 82-89.	5.8	12
56	Synthesis and biological activities of 3-polyamino-5 β -cholane-7 α ,24-diols. <i>Journal of Industrial and Engineering Chemistry</i> , 2009, 15, 561-565.	5.8	11
57	A concise synthesis and antimicrobial activities of 3-polyamino-23,24-bisnorcholanes as steroid-polyamine conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3861-3865.	2.2	11
58	Al ³⁺ -Morpholine-appended Anthracene Ensemble as a Dual Photonic Switch for H ₂ PO ₄ ⁻ and CN ⁻ Ions and its Biological Applications. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 138-145.	1.9	10
59	Structural Rationalization of a Highly Selective Ammonium Ionophore. <i>Crystal Growth and Design</i> , 2002, 2, 309-311.	3.0	9
60	Selective Detection of 2,4,6-Trinitrophenol Based on <i>In Situ</i> -generated Fluorescent Zn ²⁺ -Anthracene Ensembles in 80% Aqueous Dimethyl Sulfoxide. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 14-23.	1.9	9
61	A New Acridine-Imidazolium-Based Cholestane Receptor for Anion Sensing. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2933-2937.	1.9	9
62	Synthesis of crown ethers containing a thiazole subcyclic unit. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 1285-1289.	2.6	8
63	Synthesis and reaction of 5,6,7,8-tetrahydro-4 <i>H</i> -oxazolo[4,5- <i>c</i>]azepinones. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 89-92.	2.6	8
64	Cation selectivity of ionophores based on tripodal thiazole derivatives on benzene scaffold. <i>Talanta</i> , 2007, 71, 1986-1992.	5.5	7
65	Synthesis and Properties of 1,3,5-Tris(phenoxymethyl)-2,4,6-triethylbenzenes as NH ₄ ⁺ Ionophores. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 46, 201-205.	1.6	6
66	Molecular recognition of α -amino acids by thiazolobenzocrown receptors: a GABA-selective ionophore. <i>Supramolecular Chemistry</i> , 2013, 25, 16-23.	1.2	6
67	Synthesis of thiazole-containing polyethers. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 1883-1886.	2.6	4
68	N-cholesteryl amino acid conjugates and their antimicrobial activities. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 208-214.	4.0	4
69	Fluorescence Sensing Properties of Thiazolobenzo-crown Ether Incorporating Coumarin. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 615-619.	1.9	4
70	Electronically-tuned 2-(2-hydroxyphenyl)-4-pyrenylthiazole through Bond Energy Transfer Donor-Acceptor Couples: Sensing and Biological Applications. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1420-1431.	1.9	3
71	TiCl(OiPr) ₃ -mediated One-pot Reductive Amination of 1,1'-Diacetylferrocene with Aryl Amines. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 4079-4082.	1.9	3
72	Synthesis and Evaluation of Potentiometric Properties of Pyridylthiazole Derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 40, 265-269.	1.6	1

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73	Imine Reduction and Reductive Amination. , 2007, , 161-181.		0
74	Stereoselective synthesis of 3,7-diarylaminocholestanes by titanium-mediated reductive amination. Steroids, 2014, 88, 53-59.	1.8	0
75	A Facile Method for Detection of Substituted Salicylic Acids Using Pyrenesulfonamide-terminated Self-assembled Monolayers on Silicon Oxide Surfaces. Bulletin of the Korean Chemical Society, 2016, 37, 748-751.	1.9	0
76	Ratiometric Fluorescence Sensing of Metals based on Thiazole derivatives. Rapid Communication in Photoscience, 2012, 1, 60-60.	0.1	0