## Hong-Seok Kim

List of Publications by Year in descending order

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201674 289244 1,920 76 27 40 citations h-index g-index papers 76 76 76 1679 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Chromogenic and fluorogenic sensing of Cu2+ based on coumarin. Tetrahedron, 2011, 67, 2794-2802.	1.9	127
2	Thiazole-based chemosensor: synthesis and ratiometric fluorescence sensing of zinc. Tetrahedron Letters, 2009, 50, 5510-5515.	1.4	85
3	A fluorescent chemosensor for sequential recognition of gallium and hydrogen sulfate ions based on a new phenylthiazole derivative. Sensors and Actuators B: Chemical, 2015, 206, 430-434.	7.8	70
4	Pyrene-appended imidazolium probe for 2,4,6-trinitrophenol in water. Sensors and Actuators B: Chemical, 2016, 231, 293-301.	7.8	67
5	New regioisomeric naphthol-substituted thiazole based ratiometric fluorescence sensor for Zn2+ with a remarkable red shift in emission spectra. Tetrahedron, 2012, 68, 647-653.	1.9	58
6	Fluorescence sensor for sequential detection of zinc and phosphate ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 169, 87-94.	3.9	58
7	Dual-signaling fluorescent chemosensor based on bisthiazole derivatives. Tetrahedron Letters, 2010, 51, 3531-3535.	1.4	56
8	Fluorescent probe for sequential recognition of Ga3+ and pyrophosphate anions. Sensors and Actuators B: Chemical, 2017, 241, 789-799.	7.8	54
9	Highly selective fluorescent probe for switch-on Al3+ detection and switch-off Fâ^' detection. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 312-320.	3.9	52
10	Synthesis and antimicrobial activity of squalamine analogue. Bioorganic and Medicinal Chemistry, 2000, 8, 2059-2065.	3.0	51
11	Ion-selective electrodes based on molecular tweezer-type neutral carriers. Talanta, 2004, 63, 61-71.	5 <b>.</b> 5	50
12	Highly selective fluorescent probe for sequential recognition of copper(II) and iodide ions. Tetrahedron, 2017, 73, 4684-4691.	1.9	50
13	Thiazole-based chemosensor II: synthesis and fluorescence sensing of fluoride ions based on inhibition of ESIPT. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 66, 87-94.	1.6	49
14	Thiazole sulfonamide based ratiometric fluorescent chemosensor with a large spectral shift for zinc sensing. Tetrahedron, 2010, 66, 9925-9932.	1.9	47
15	Highly selective imidazole-appended 9,10-N,N′-diaminomethylanthracene fluorescent probe for switch-on Zn2+ detection and switch-off H2PO4∲ and CN∲ detection in 80% aqueous DMSO, and applications to sequential logic gate operations. Sensors and Actuators B: Chemical, 2017, 247, 840-849.	7.8	46
16	A pyrenesulfonyl-imidazolium derivative as a selective cyanide ion sensor in aqueous media. New Journal of Chemistry, 2015, 39, 2935-2942. "sil.gif" overflow="scroll"	2.8	41
17	xmins:xocs= http://www.eisevier.com/xmi/xocs/dtd xmins:xs= http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	1.4	38
18	A highly selective fluorescent turn-on probe for Al3+ via Al3+-promoted hydrolysis of ester. Tetrahedron, 2013, 69, 6095-6099.	1.9	38

#	Article	IF	Citations
19	Thiazole-based chemosensor III: synthesis and fluorescence sensing of CH3CO2â <sup>-</sup> based on inhibition of ESIPT. Tetrahedron, 2010, 66, 7097-7103.	1.9	34
20	New regioisomeric naphthol–thiazole based —turn-on' fluorescent chemosensor for Al3+. Tetrahedron, 2013, 69, 9600-9608.	1.9	34
21	Synthesis of 2â€Substitutedâ€4â€carbethoxythiazoles. Journal of Heterocyclic Chemistry, 1995, 32, 937-939.	2.6	32
22	Synthesis and antimicrobial activity of imidazole and pyridine appended cholestane-based conjugates. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4315-4318.	2.2	32
23	Sensing of Cyanide Using Highly Selective Thiazole-based Cu <sup>2+</sup> Chemosensor. Bulletin of the Korean Chemical Society, 2011, 32, 3123-3126.	1.9	32
24	Thiazole-Containing Benzo-Crown Ethers:Â A New Class of Ammonium-Selective Ionophores. Analytical Chemistry, 2000, 72, 4683-4688.	6.5	31
25	9-Anthracenecarboxamide fluorescent probes for selective discrimination of picric acid from monoand di-nitrophenols in ethanol. Tetrahedron Letters, 2015, 56, 7094-7099.	1.4	31
26	A highly stereoselective reductive amination of 3-ketosteroid with amines: an improved synthesis of 31±-aminosteroid. Tetrahedron Letters, 2005, 46, 7675-7678.	1.4	30
27	A hyodeoxycholic acid-based molecular tweezer: a highly selective fluoride anion receptor. Tetrahedron, 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 â^' anion based on pyrenesulfonamide-functionalized inorganic/organic hybrid nanoparticles. Sensors and Actuators B: Chemical, 2017, 239, 85-93.	7.8	24
29	Synthesis and antimicrobial activity of 7-fluoro-3-aminosteroids. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5139-5142.	2.2	23
30	Pyrene-appended imidazolium probes as 3,5-dinitrosalicylic acid sensors in 10% aqueous media. Dyes and Pigments, 2015, 122, 351-358.	3.7	23
31	Fluorescein-N-Methylimidazole Conjugate as Cu2+ Sensor in Mixed Aqueous Media Through Electron Transfer. Journal of Fluorescence, 2016, 26, 1-9.	2.5	23
32	N-(3-Imidazolyl)propyl dansylamide as a selective Hg2+ sensor in aqueous media through electron transfer. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 148, 250-254.	3.9	22
33	Selective fluorescence sensing of salicylic acid using a simple pyrene appended imidazole receptor. New Journal of Chemistry, 2014, 38, 1711.	2.8	21
34	Selective fluorescence sensing of salicylic acids using a simple pyrenesulfonamide receptor. RSC Advances, 2015, 5, 23613-23621.	3.6	21
35	Pyrenebutylamidopropylimidazole as a multi-analyte sensor for 3,5-dinitrosalicylic acid and Hg 2+ ions. Journal of Luminescence, 2016, 172, 309-316.	3.1	21
36	9- <i>N</i> -Alkylaminomethylanthracene probes for selective fluorescence sensing of pentafluorophenol. RSC Advances, 2015, 5, 81808-81816.	3.6	20

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37	Highly Selective Fluorescent Probe Based on 2â€(2â€2â€Dansylamidophenyl)â€Thiazole for Sequential Sensing of Copper(II) and Iodide Ions. Bulletin of the Korean Chemical Society, 2019, 40, 163-168.	1.9	19
38	Carbazole incorporated ratiometric chemosensor for Zn2+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 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. Chemical Communications, 2014, 50, 7670.	4.1	18
40	The synthesis of facial amphiphile $3\hat{l}_{\pm}$ , $7\hat{l}_{\pm}$ -diaminocholestane. Tetrahedron Letters, 2007, 48, 5189-5192.	1.4	17
41	New 2-aminoethylimidazole-based dicarboxylic acid receptor derived from cholestane. Tetrahedron Letters, 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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 178, 151-159.	3.9	17
43	Synthesis and antimicrobial activity of new 3α-Hydroxy-23,24-bisnorcholane polyamine carbamates. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 3065-3068.	2.2	16
44	Fluorescent Sensing Properties of Benzo-18-crown-6 Ethers Containing Thiazoles. Supramolecular Chemistry, 2007, 19, 277-281.	1.2	16
45	Pyrenyl-appended imidazolium receptor for selective fluorescence sensing of oxalic acid. Tetrahedron Letters, 2011, 52, 6743-6747.	1.4	16
46	Synthesis of two marine natural products: the aglycones of pavoninin-1 and 2. Tetrahedron, 1997, 53, 8129-8136.	1.9	15
47	Selective discrimination of putrescine and cadaverine based on a Fe3+-morpholinoanthracene ensemble in solution and solid state and logic gate aided biological applications in mixed aqueous medium. Sensors and Actuators B: Chemical, 2018, 254, 842-854.	7.8	15
48	Synthesis of thiazoleâ€containing benzoâ€crown ethers. Journal of Heterocyclic Chemistry, 1998, 35, 177-181.	2.6	14
49	Reductive Deoxygenation of α-Ferrocenyl Carbonyls and Alcohols to Alkylferrocenes by Boraneâ^'Dimethyl Sulfide. Organometallics, 2000, 19, 5784-5786.	2.3	14
50	Synthesis and antimicrobial activity of $7\hat{l}\pm$ -amino-23,24-bisnor- $5\hat{l}\pm$ -cholan-22-ol derivatives. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2558-2561.	2.2	14
51	A simple and robust PET-based anthracene-appended O-N-O chelate for sequential recognition of Fe3+/CN– ions in aqueous media and its multimodal applications. Inorganica Chimica Acta, 2018, 482, 669-680.	2.4	13
52	Fluorogenic assay of alkaline phosphatase activity based on the modulation of excited-state intramolecular proton transfer. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5541-5544.	2.2	12
53	altimg="si1.gif" overflow="scroll"> <mml:mrow><mml:mmultiscripts><mml:mrow><mml:msub><mml:mrow><mml:mtext>H<mml:none></mml:none><mml:mrow></mml:mrow></mml:mtext></mml:mrow></mml:msub></mml:mrow></mml:mmultiscripts></mml:mrow> <	nl:mtext> 1.4	
54	cholestane-imidazole zinc ensemble. Tetrahedron Letters, 2012, 53, 2627-2631.  Voltammetric ion-channel sensing of ammonium ion using self-assembled monolayers modified with ionophoric receptors. Sensors and Actuators B: Chemical, 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. Journal of Industrial and Engineering Chemistry, 2016, 44, 82-89.	5.8	12
56	Synthesis and biological activities of 3-polyamino- $5\hat{l}^2$ -cholane- $7\hat{l}_{\pm}$ ,24-diols. Journal of Industrial and Engineering Chemistry, 2009, 15, 561-565.	5.8	11
57	A concise synthesis and antimicrobial activities of 3-polyamino-23,24-bisnorcholanes as steroid–polyamine conjugates. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3861-3865.	2.2	11
58	Al <sup>3+</sup> â€Morpholineâ€appended Anthracene Ensemble as a Dual Photonic Switch for H <sub>2</sub> PO <sub>4</sub> <sup>â~'</sup> and CN <sup>â~'</sup> lons and its Biological Applications. Bulletin of the Korean Chemical Society, 2019, 40, 138-145.	1.9	10
59	Structural Rationalization of a Highly Selective Ammonium Ionophore. Crystal Growth and Design, 2002, 2, 309-311.	3.0	9
60	Selective Detection of 2,4,6â€Trinitrophenol Based on <i>In Situ</i> i>â€generated Fluorescent Zn <sup>2+</sup> –Anthracene Ensembles in 80% Aqueous Dimethyl Sulfoxide. Bulletin of the Korean Chemical Society, 2018, 39, 14-23.	1.9	9
61	A New Acridine-Imidazolium-Based Cholestane Receptor for Anion Sensing. Bulletin of the Korean Chemical Society, 2011, 32, 2933-2937.	1.9	9
62	Synthesis of crown ethers containing a thiazole subcyclic unit. Journal of Heterocyclic Chemistry, 1999, 36, 1285-1289.	2.6	8
63	Synthesis and reaction of 5,6,7,8â€tetrahydroâ€4 <i>H</i> à€oxazolo[4,5â€c]azepinâ€4â€ones. Journal of Heterocyclic Chemistry, 2001, 38, 89-92.	2.6	8
64	Cation selectivity of ionophores based on tripodal thiazole derivatives on benzene scaffold. Talanta, 2007, 71, 1986-1992.	5 <b>.</b> 5	7
65	Synthesis and Properties of 1,3,5-Tris(phenoxymethyl)-2,4,6-triethylbenzenes as NH 4 + Ionophores. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 46, 201-205.	1.6	6
66	Molecular recognition of $\ddot{l}$ %-amino acids by thiazolobenzocrown receptors: a GABA-selective ionophore. Supramolecular Chemistry, 2013, 25, 16-23.	1.2	6
67	Synthesis of thiazoleâ€containing polyethers. Journal of Heterocyclic Chemistry, 1996, 33, 1883-1886.	2.6	4
68	N-cholesteryl amino acid conjugates and their antimicrobial activities. European Journal of Pharmaceutical Sciences, 2013, 50, 208-214.	4.0	4
69	Fluorescence Sensing Properties of Thiazolobenzo-crown Ether Incorporating Coumarin. Bulletin of the Korean Chemical Society, 2010, 31, 615-619.	1.9	4
70	Electronicallyâ€tuned 2â€(2′â€Hydroxyphenyl)â€4â€pyrenylthiazole through Bond Energy Transfer Donor–Acceptor Couples: Sensing and Biological Applications. Bulletin of the Korean Chemical Society, 2018, 39, 1420-1431.	1.9	3
71	TiCl(OiPr)3-mediated One-pot Reductive Amination of $1,1$ '-Diacetylferrocene with Aryl Amines. Bulletin of the Korean Chemical Society, 2011, 32, 4079-4082.	1.9	3
72	Synthesis and Evaluation of Potentiometric Properties of Pyridylthiazole Derivatives. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 40, 265-269.	1.6	1

#	Article	IF	CITATIONS
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 Pyrenesulfonamideâ€Terminated Selfâ€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