Kyu-Sung Jeong

List of Publications by Year
in descending order

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98	3,873	94433	133252
papers	citations	37 h-index	59 g-index

105	105	105	3104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tweezer-type binding cavity formed by the helical folding of a carbazoleâ€“pyridine oligomer. Chemical Communications, 2022, 58, 1410-1413.	4.1	2
2	Suppression of DYRK1A/B Drives Endoplasmic Reticulum Stress-mediated Autophagic Cell Death Through Metabolic Reprogramming in Colorectal Cancer Cells. Anticancer Research, 2022, 42, 589-598.	1.1	1
3	Synthesis of 1H-Indazoles via Silver(I)-Mediated Intramolecular Oxidative Câ€“H Bond Amination. ACS Omega, 2021, 6, 6498-6508.	3.5	7
4	Subtle Modification of Imineâ€linked Helical Receptors to Significantly Alter their Binding Affinities and Selectivities for Chiral Guests. Chemistry - an Asian Journal, 2021, 16, 2958-2966.	3.3	4
5	Synthesis of novel 1H-Pyrazolo[3,4-b]pyridine derivatives as DYRK 1A/1B inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 47, 128226.	2.2	11
6	Aromatic Helical Foldamers as Nucleophilic Catalysts for the Regioselective Acetylation of Octyl Î² â€d â€Glucopyranoside. ChemPlusChem, 2020, 85, 2475-2481.	2.8	5
7	Templateâ€Directed Quantitative Oneâ€Pot Synthesis of Homochiral Helical Receptors Enabling Enantioselective Binding. Angewandte Chemie, 2020, 132, 22661-22665.	2.0	5
8	Templateâ€Directed Quantitative Oneâ€Pot Synthesis of Homochiral Helical Receptors Enabling Enantioselective Binding. Angewandte Chemie - International Edition, 2020, 59, 22475-22479.	13.8	16
9	Dramatic Enhancement of Binding Affinities Between Foldamerâ€Based Receptors and Anions by Intraâ€Receptor Ïâ€Stacking. Angewandte Chemie - International Edition, 2020, 59, 10441-10445.	13.8	18
10	Dramatic Enhancement of Binding Affinities Between Foldamerâ€Based Receptors and Anions by Intraâ€Receptor Ïâ€Stacking. Angewandte Chemie, 2020, 132, 10527-10531.	2.0	4
11	Encapsulation of dihydrogenphosphate ions as a cyclic dimer to the cavities of site-specifically modified indolocarbazole-pyridine foldamers. Organic Chemistry Frontiers, 2019, 6, 299-303.	4.5	6
12	Structural hybridization of pyrrolidine-based T-type calcium channel inhibitors and exploration of their analgesic effects in a neuropathic pain model. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1168-1172.	2.2	0
13	Copperâ€Catalyzed 1,2â€Bistrifluoromethylation of Terminal Alkenes. Advanced Synthesis and Catalysis, 2019, 361, 2136-2140.	4.3	17
14	Matched and Mismatched Phenomena in the Helix Orientation Bias Induced by Chiral Appendages at Multiple Positions of Indolocarbazole-Pyridine Hybrid Foldamers. Journal of Organic Chemistry, 2018, 83, 5123-5131.	3.2	7
15	Synthesis and biological evaluation of pyrrolidine-based T-type calcium channel inhibitors for the treatment of neuropathic pain. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1460-1471.	5.2	2
16	Foldamer-based helicate displaying reversible switching between two distinct conformers. Chemical Communications, 2018, 54, 5740-5743.	4.1	16
17	Identification of crizotinib derivatives as potent SHIP2 inhibitors for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 157, 405-422.	5.5	13
18	Stereospecific control of the helical orientation of indolocarbazoleâ€“pyridine hybrid foldamers by rational modification of terminal chiral appendages. Chemical Communications, 2017, 53, 6508-6511.	4.1	17

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19	Aromatic Hybrid Foldamer with a Hydrophilic Helical Cavity Capable of Encapsulating Glucose. Organic Letters, 2017, 19, 5625-5628.	4.6	26
20	Discovery of thienopyrrolotriazine derivatives to protect mitochondrial function against AÎ²-induced neurotoxicity. European Journal of Medicinal Chemistry, 2017, 141, 240-256.	5.5	6
21	Helical Aromatic Foldamers Functioning as a Fluorescence Turn-on Probe for Anions. Organic Letters, 2016, 18, 4404-4407.	4.6	33
22	Enzyme-Responsive Procarriers Capable of Transporting Chloride Ions across Lipid and Cellular Membranes. Journal of the American Chemical Society, 2016, 138, 15319-15322.	13.7	38
23	Modulation of helix stability of indolocarbazoleâ€“pyridine hybrid foldamers. Chemical Communications, 2016, 52, 3406-3409.	4.1	16
24	Folding-Generated Molecular Tubes Containing One-Dimensional Water Chains. Journal of the American Chemical Society, 2016, 138, 92-95.	13.7	56
25	Synthesis and biological evaluation of aryl isoxazole derivatives as metabotropic glutamate receptor 1 antagonists: A potential treatment for neuropathic pain. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1324-1328.	2.2	7
26	Anion-induced switching of the helical orientation of a chiral indolocarbazole dimer. Supramolecular Chemistry, 2015, 27, 378-385.	1.2	2
27	Chloride transport activities of trans- and cis-amide-linked bisureas. Chemical Communications, 2015, 51, 9197-9200.	4.1	21
28	Carbazole-based molecular tweezers as platforms for the discrimination of heavy metal ions. RSC Advances, 2015, 5, 1097-1102.	3.6	15
29	An indolocarbazole dimer as a new stereodynamic probe for chiral 1,2-diamines. Organic and Biomolecular Chemistry, 2014, 12, 5464-5468.	2.8	11
30	Azobenzene-based chloride transporters with light-controllable activities. Chemical Communications, 2014, 50, 15305-15308.	4.1	69
31	Synthetic K⁺/Cl^{â€“}-Selective Symporter across a Phospholipid Membrane. Journal of Organic Chemistry, 2014, 79, 6403-6409.	3.2	46
32	A chiral indolocarbazole foldamer displaying strong circular dichroism responsive to anion binding. Chemical Communications, 2013, 49, 9743.	4.1	22
33	A helically twisted imine macrocycle that allows for determining the absolute configuration of Î±-amino carboxylates. Chemical Communications, 2013, 49, 11412.	4.1	37
34	Folding and anion-binding properties of an indolocarbazole dimer with urea appendages. Supramolecular Chemistry, 2013, 25, 46-53.	1.2	6
35	Indolocarbazole-based anion receptors and molecular switches. Pure and Applied Chemistry, 2012, 84, 953-964.	1.9	16
36	Helicity Control of an Indolocarbazole Foldamer by Chiral Organic Anions. Organic Letters, 2012, 14, 5018-5021.	4.6	41

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37	Synthetic chloride transporters with the binding mode observed in a ClC chloride channel. Chemical Communications, 2012, 48, 10346.	4.1	22
38	Helically Foldable Diphenylureas as Anion Receptors: Modulation of the Binding Affinity by the Chain Length. Organic Letters, 2012, 14, 5042-5045.	4.6	22
39	A Foldamer-Based Chiroptical Molecular Switch That Displays Complete Inversion of the Helical Sense upon Anion Binding. Journal of the American Chemical Society, 2011, 133, 13938-13941.	13.7	160
40	An Indolocarbazole Trimer with an Expanded Cavity for Anion Binding. Chemistry - an Asian Journal, 2011, 6, 1992-1995.	3.3	16
41	Synthesis and Biological Evaluation of Novel GSK-3Î² Inhibitors as Anticancer Agents. Bulletin of the Korean Chemical Society, 2011, 32, 2015-2020.	1.9	2
42	Modulation of Binding Affinities between Foldamer-Based Anion Receptors and Chloride Ion. Bulletin of the Korean Chemical Society, 2011, 32, 2891-2892.	1.9	3
43	Increased stability in plasma and enhanced cellular uptake of thermally denatured albumin-coated liposomes. Colloids and Surfaces B: Biointerfaces, 2010, 76, 434-440.	5.0	46
44	A catenated anion receptor based on indolocarbazole. Tetrahedron Letters, 2010, 51, 4240-4242.	1.4	52
45	Indoles and Related Heterocycles. Topics in Heterocyclic Chemistry, 2010, , 177-204.	0.2	21
46	Synthesis of Biindoleâ^'Diazo Conjugates as a Colorimetric Anion Receptor. Organic Letters, 2010, 12, 2634-2637.	4.6	51
47	Anion-controlled foldamers. Chemical Society Reviews, 2010, 39, 3664.	38.1	163
48	Selective sulfate binding induces helical folding of an indolocarbazole oligomer in solution and solid state. Chemical Communications, 2010, 46, 764-766.	4.1	84
49	Synthesis of Benzofuran Chains: Monomer to Tetramer. Bulletin of the Korean Chemical Society, 2010, 31, 561-562.	1.9	1
50	Amphotericin B-entrapping lipid nanoparticles and their in vitro and in vivo characteristics. European Journal of Pharmaceutical Sciences, 2009, 37, 313-320.	4.0	90
51	Polyethylene glycol-complexed cationic liposome for enhanced cellular uptake and anticancer activity. International Journal of Pharmaceutics, 2009, 382, 254-261.	5.2	63
52	Disaccharide-modified liposomes and their in vitro intracellular uptake. International Journal of Pharmaceutics, 2009, 380, 161-169.	5.2	48
53	Foldamers with helical cavities for binding complementary guests. Chemical Society Reviews, 2009, 38, 3316.	38.1	201
54	Folding and Anionâ€Binding Properties of Fluorescent Oligoindole Foldamers. Chemistry - A European Journal, 2008, 14, 11406-11414.	3.3	75

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55	An anion receptor with NH and OH groups for hydrogen bonds. Chemical Communications, 2008, , 3546.	4.1	50
56	Chemical Synthesis of Cyclic Galactooligofuranosides Isolated from Enzymatic Degradation Products of Cell Wall Arabinogalactan of Mycobacterium tuberculosis. Organic Letters, 2008, 10, 2373-2376.	4.6	16
57	Indolocarbazole-Based Foldamers Capable of Binding Halides in Water. Journal of the American Chemical Society, 2008, 130, 11868-11869.	13.7	142
58	Biased Helical Folding of Chiral Oligoindole Foldamers. Organic Letters, 2008, 10, 5373-5376.	4.6	70
59	Indole-based macrocycles and oligomers binding anions. Pure and Applied Chemistry, 2008, 80, 599-608.	1.9	42
60	Synthesis and Binding Properties of Anion Receptors Containing Multiple Hydrogen Bond Donors. Supramolecular Chemistry, 2007, 19, 257-263.	1.2	36
61	Two distinct anion-binding modes and their relative stabilities. Chemical Communications, 2007, , 3401.	4.1	53
62	An ion pair receptor showing remarkable enhancement of anion-binding strengths in the presence of alkali metal cations. Tetrahedron Letters, 2007, 48, 6624-6627.	1.4	43
63	Synthesis and binding properties of a macrocycle with two binding subcavities. Tetrahedron Letters, 2006, 47, 4141-4144.	1.4	4
64	Biindolyl-based molecular clefts that bind anions by hydrogen-bonding interactions. Tetrahedron Letters, 2006, 47, 6385-6388.	1.4	52
65	A molecular receptor that selectively binds dihydrogen phosphate. Tetrahedron Letters, 2006, 47, 8539-8541.	1.4	60
66	Macrocycles with two exclusive hydrogen-bonding modes. Tetrahedron Letters, 2006, 47, 8217-8220.	1.4	5
67	Self-assembly and characterization of a giant metallocycle. Tetrahedron Letters, 2005, 46, 2433-2436.	1.4	4
68	Indole-Based Macrocycles as a Class of Receptors for Anions. Angewandte Chemie - International Edition, 2005, 44, 7926-7929.	13.8	262
69	Oligoindole-Based Foldamers with a Helical Conformation Induced by Chloride. Journal of the American Chemical Society, 2005, 127, 12214-12215.	13.7	187
70	Self-Assembled Metallocycles with Two Interactive Binding Domains. Chemistry - A European Journal, 2004, 10, 4358-4366.	3.3	30
71	Efficient Modulation of Hydrogen-Bonding Interactions by Remote Substituents. Organic Letters, 2004, 6, 181-184.	4.6	46
72	Reversible Control of Assembly and Disassembly of Interlocked Supermolecules. Journal of Organic Chemistry, 2004, 69, 6556-6563.	3.2	23

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73	Self-Assembly of Interlocked Supramolecular Dendrimers. Journal of Organic Chemistry, 2004, 69, 2618-2621.	3.2	17
74	Synthesis and Characterization of a Metallocycle-Based Molecular Shuttle. Journal of Organic Chemistry, 2003, 68, 4014-4019.	3.2	31
75	Quantitative Comparison of Kinetic Stabilities of Metallomacrocycle-Based Rotaxanes. Chemistry - A European Journal, 2003, 9, 1535-1541.	3.3	39
76	m-Phenylene Ethynylene Sequences Joined by Imine Linkages:Â Dynamic Covalent Oligomers. Journal of Organic Chemistry, 2003, 68, 8397-8403.	3.2	33
77	A pseudorotaxane-based molecular machine controlled by light and thermal stimuli. Chemical Communications, 2003, , 1450-1451.	4.1	18
78	Self-assembly and binding properties of a metallomacrocycle having two interactive binding subcavitiesElectronic supplementary information (ESI) available: synthesis, ESI-mass data, binding studies, concentration-dependent 1H NMR spectra, modeling structure and VPO experiments of 1. See http://www.rsc.org/suppdata/cc/b3/b306497b/. Chemical Communications, 2003, , 2026.	4.1	23
79	A New Nucleophilic Catalyst for Kinetic Resolution of Racemicsec-Alcohols. Chemistry Letters, 2002, 31, 1114-1115.	1.3	50
80	Synthesis and Binding Studies of Bowl-Shaped Hosts for Quaternary Ammoniums. Chemistry Letters, 2002, 31, 1166-1167.	1.3	2
81	A Double-Walled Hexagonal Supermolecule Assembled by Guest Binding. Journal of the American Chemical Society, 2001, 123, 1258-1259.	13.7	45
82	Self-Assembly and Dynamics of [2]- and [3]Rotaxanes with a Dinuclear Macrocycle Containing Reversible Osâ”N Coordinate Bonds. Chemistry - A European Journal, 2001, 7, 2687-2697.	3.3	46
83	Folding-driven synthesis of oligomers. Nature, 2001, 414, 889-893.	27.8	161
84	Self-Assembly of Rotaxane-Like Complexes with Macrocycles Containing Reversible Coordinate Bonds. Angewandte Chemie - International Edition, 2000, 39, 1692-1695.	13.8	52
85	Assembly and Binding Properties of Osmate Ester-Bridged Binuclear Macrocycles. Journal of Organic Chemistry, 1999, 64, 9459-9466.	3.2	47
86	A large enhancement in the binding affinity of artificial hosts by OsVI chelation. Chemical Communications, 1999, , 2069-2070.	4.1	5
87	Molecular receptor for binding quaternary ammonium salts and a large anion effect on the complexation. Tetrahedron Letters, 1998, 39, 3779-3782.	1.4	27
88	Neutral Macrocyclic Boxes Spontaneously Assembled from Osmium Tetraoxide, Olefin, and Pyridyl Ligand. Journal of the American Chemical Society, 1998, 120, 10982-10983.	13.7	63
89	Synthesis of a AT base pair model in DNA and determination of hydrogen bonding strength on the formation of base triplet T:AT in CDCl3. Tetrahedron Letters, 1997, 38, 8337-8340.	1.4	4
90	Highly strong complexation of carboxylates with 1-alkylpyridinium receptors in polar solvents. Tetrahedron Letters, 1997, 38, 3279-3282.	1.4	46

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91	Molecular recognition of dicarboxylate ions by bis-phenylureas derived from a new dicarboxylic acid. Tetrahedron Letters, 1996, 37, 2795-2798.	1.4	33
92	Podand ionophores capable of forming cation-binding cavities through intramolecular interactions between the terminal groups. Tetrahedron Letters, 1995, 36, 2827-2830.	1.4	9
93	Highly preorganized bis(benzocrown ether)s for the binding of metal ions. Tetrahedron Letters, 1994, 35, 7041-7044.	1.4	6
94	Asymmetric dihydroxylation of enynes. Tetrahedron Letters, 1992, 33, 3833-3836.	1.4	77
95	Enantioselective Complexation of Flexible and Rigid Substrates through Molecular Recognition. Angewandte Chemie International Edition in English, 1991, 30, 858-860.	4.4	27
96	New Chiral Auxiliaries for Enolate Alkylations. Angewandte Chemie International Edition in English, 1990, 29, 555-556.	4.4	33
97	Molecular Recognition: Stacking Interactions Influence Watson-Crick vs. Hoogsteen Base-Pairing in a Model for Adenine Receptors. Angewandte Chemie International Edition in English, 1987, 26, 1244-1245.	4.4	23
98	Molekulare Erkennung: EinfluÃŸ von Stapelwechselwirkungen auf das VerhÃltnis von Watsonâ€Crickâ€zu Hoogsteenâ€Basenpaarung in einem Modell des Adeninâ€Rezeptors. Angewandte Chemie, 1987, 99, 1297-1299.	2.0	5