Sung Ho Jung

List of Publications by Year
in descending order

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51 papers	1,403 citations	394421 19 h-index	330143 37 g-index
56 all docs	56 docs citations	56 times ranked	2231 citing authors

#	Article	IF	Citations
1	Photoregulated Living Supramolecular Polymerization Established by Combining Energy Landscapes of Photoisomerization and Nucleationâ€“Elongation Processes. Journal of the American Chemical Society, 2016, 138, 14347-14353.	13.7	178
2	Chiral Arrangement of Achiral Au Nanoparticles by Supramolecular Assembly of Helical Nanofiber Templates. Journal of the American Chemical Society, 2014, 136, 6446-6452.	13.7	139
3	Silica-based chromogenic and fluorogenic hybrid chemosensor materials. Chemical Society Reviews, 2009, 38, 1904.	38.1	130
4	A Block Supramolecular Polymer and Its Kinetically Enhanced Stability. Journal of the American Chemical Society, 2018, 140, 10570-10577.	13.7	112
5	A Chromoâ€Fluorogenic Tetrazoleâ€Based CoBr₂ Coordination Polymer Gel as a Highly Sensitive and Selective Chemosensor for Volatile Gases Containing Chloride. Chemistry - A European Journal, 2011, 17, 2823-2827.	3.3	97
6	Finely Controlled Circularly Polarized Luminescence of a Mechanoâ€Responsive Supramolecular Polymer. Angewandte Chemie - International Edition, 2019, 58, 18878-18882.	13.8	87
7	Highly selective fluorescence imaging of zinc distribution in HeLa cells and Arabidopsis using a naphthalene-based fluorescent probe. Chemical Communications, 2015, 51, 7463-7465.	4.1	53
8	Self-Assembled Coumarin Nanoparticle in Aqueous Solution as Selective Mitochondrial-Targeting Drug Delivery System. ACS Applied Materials & Interfaces, 2018, 10, 3380-3391.	8.0	39
9	Mitochondria-targeting self-assembled nanoparticles derived from triphenylphosphonium-conjugated cyanostilbene enable site-specific imaging and anticancer drug delivery. Nano Research, 2018, 11, 1082-1098.	10.4	39
10	Self-Assembled Tb³⁺ Complex Probe for Quantitative Analysis of ATP during Its Enzymatic Hydrolysis via Time-Resolved Luminescence in Vitro and in Vivo. ACS Applied Materials & Interfaces, 2017, 9, 722-729.	8.0	38
11	Fluorescent hydrogels formed by CHâ€“Ï€ and Ï€â€“Ï€ interactions as the main driving forces: an approach toward understanding the relationship between fluorescence and structure. Chemical Communications, 2013, 49, 2109.	4.1	37
12	A turn-on fluorogenic Zn(<scp>ii</scp>) chemoprobe based on a terpyridine derivative with aggregation-induced emission (AIE) effects through nanofiber aggregation into spherical aggregates. Chemical Communications, 2015, 51, 952-955.	4.1	36
13	Kinetically controlled Ag⁺-coordinated chiral supramolecular polymerization accompanying a helical inversion. Chemical Science, 2020, 11, 721-730.	7.4	30
14	Ultraviolet Patterned Calixarene-Derived Supramolecular Gels and Films with Spatially Resolved Mechanical and Fluorescent Properties. ACS Nano, 2017, 11, 4155-4164.	14.6	27
15	A metalâ€“organic framework gel with Cd2+ derived from only coordination bonds without intermolecular interactions and its catalytic ability. New Journal of Chemistry, 2013, 37, 2330.	2.8	25
16	Reversibly tunable helix inversion in supramolecular gels trigged by Co²⁺. Chemical Communications, 2014, 50, 13495-13498.	4.1	24
17	Dynamic Transformation of a Ag⁺-Coordinated Supramolecular Nanostructure from a 1D Needle to a 1D Helical Tube via a 2D Ribbon Accompanying the Conversion of Complex Structures. Journal of the American Chemical Society, 2021, 143, 3113-3123.	13.7	24
18	An imidazole-appended p-phenylene-Cu(<scp>ii</scp>) ensemble as a chemoprobe for histidine in biological samples. Chemical Communications, 2014, 50, 15243-15246.	4.1	20

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19	Tb³⁺-triggered luminescence in a supramolecular gel and its use as a fluorescent chemoprobe for proteins containing alanine. Chemical Communications, 2014, 50, 13107-13110.	4.1	20
20	Geometric Change of a Thiacalix[4]arene Supramolecular Gel with Volatile Gases and Its Chromogenic Detection for Rapid Analysis. Inorganic Chemistry, 2014, 53, 3004-3011.	4.0	18
21	Determining Chiral Configuration of Diamines via Contact Angle Measurements on Enantioselective Alanine-Appended Benzene-Tricarboxamide Gelators. ACS Applied Materials & Interfaces, 2016, 8, 14102-14108.	8.0	18
22	A color version of the Hinsberg test: permethylated cyclodextrin and crown-appended azophenol for highly selective sensing of amines. Tetrahedron, 2008, 64, 6705-6710.	1.9	16
23	Different Origins of Strain-Induced Chirality Inversion of Co²⁺-Triggered Supramolecular Peptide Polymers. Chemistry of Materials, 2018, 30, 2074-2083.	6.7	16
24	Fluorescence imaging for Fe³⁺ in Arabidopsis by using simple naphthalene-based ligands. RSC Advances, 2016, 6, 53912-53918.	3.6	15
25	Helicity-driven chiral self-sorting supramolecular polymerization with Ag⁺: right- and left-helical aggregates. Chemical Science, 2022, 13, 3109-3117.	7.4	13
26	Chirality control of self-assembled achiral nanofibers using amines in their solid state. Nanoscale, 2015, 7, 15238-15244.	5.6	12
27	Temperature-controlled helical inversion of asymmetric triphenylamine-based supramolecular polymers; difference of handedness at the micro- and macroscopic levels. Organic Chemistry Frontiers, 2019, 6, 1100-1108.	4.5	12
28	High selective fluorescence imaging of cesium distribution in Arabidopsis using a bis(trihydroxyphenyl)-appended fluorescent probe with a turn-on system. RSC Advances, 2015, 5, 26662-26665.	3.6	11
29	Cyanostilbene-Based Supramolecular Polymerization from One-Dimensional to Two-Dimensional Nanostructures via Photoreactions. Journal of Physical Chemistry C, 2018, 122, 22143-22149.	3.1	11
30	Pyrene-Based Co-Assembled Supramolecular Gel; Morphology Changes and Macroscale Mechanical Property. Gels, 2020, 6, 16.	4.5	11
31	NMR detection of chirality and enantiopurity of amines by using benzene tricarboxamide-based hydrogelators as chiral solvating agents. New Journal of Chemistry, 2016, 40, 7917-7922.	2.8	10
32	Helicity Control of Triphenylamineâ€Based Supramolecular Polymers: Correlation between Solvent Properties and Helicity in Supramolecular Gels. Chemistry - A European Journal, 2018, 24, 11763-11770.	3.3	9
33	A cyanurate gel derived from two different hydrogen-bonding interactions in a binary system: evidence for the driving forces in gel formation. New Journal of Chemistry, 2012, 36, 1957.	2.8	8
34	Calix[4]arene-based fluorescent probe and the adsorption capacity of its electrospun nanofibrous film for the cesium cation as an adsorbent. Supramolecular Chemistry, 2017, 29, 139-145.	1.2	8
35	Solâ€“Gel Phase Transitions in a Photochromic Spiropyran-Modified Material by Incorporation in a Hydrogel. Journal of Nanoscience and Nanotechnology, 2009, 9, 5990-5996.	0.9	7
36	Thermochromic and Piezochromic Effects of CoII-Imidazole-Based Supramolecular Gels as Logic Gates. European Journal of Inorganic Chemistry, 2014, 2014, 2350-2355.	2.0	7

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37	Electrospun nanofibrous membranes incorporating an imidazole-appended p-phenylene-Cu(<scp>ii</scp>) ensemble as fluoroprobes for the detection of His-proteins. Journal of Materials Chemistry B, 2015, 3, 7222-7226.	5.8	6
38	Molecular Self-Assembly Under Kinetic Control. , 2019, , 205-229.		6
39	Peculiar Triarylamineâ€Based Coâ€assembled Supramolecular Polymers That Exhibit Two Transition Temperatures in the Formation of a Coiled Helical Bundle. Chemistry - an Asian Journal, 2018, 13, 2847-2853.	3.3	5
40	Anthracene Dicarboxylate-Based Metal-Organic Framework Gel with Zn²⁺as a TNT Sensor. Bulletin of the Korean Chemical Society, 2013, 34, 1583-1585.	1.9	5
41	The Effect of Hydrogen-Bonds of Amino Acid-Derived Diacetylene by Photopolymerization in Supramolecular Hydrogels. Journal of Nanoscience and Nanotechnology, 2011, 11, 2113-2120.	0.9	3
42	Colorimetric Sensor for Zn(<scp>II</scp>) Using Induced Aggregation of Functionalized Gold Nanoparticles. Bulletin of the Korean Chemical Society, 2015, 36, 2408-2410.	1.9	3
43	Control of the Shell Thickness of TiO₂@SiO₂Particles and Its Surface Functionalization. Bulletin of the Korean Chemical Society, 2013, 34, 3456-3458.	1.9	3
44	Supramolecular polymerization based on the metalation of porphyrin nanosheets in aqueous media. Inorganic Chemistry Frontiers, 2022, 9, 1630-1635.	6.0	3
45	Preparation of a Diacetyleneâ€bridged Phenylamineâ€based Supramolecular Hydrogels and Their Fluorescent Properties. Bulletin of the Korean Chemical Society, 2015, 36, 1725-1728.	1.9	2
46	Facile Preparation of Self-Assembled Polymer Nanotubes by Proton Beam Irradiation. Journal of Nanoscience and Nanotechnology, 2009, 9, 2777-2779.	0.9	1
47	Shape Control of Coordination Polymer Particles by Two Different Types of Building Blocks and Zn²⁺. Journal of Nanoscience and Nanotechnology, 2016, 16, 9862-9866.	0.9	1
48	Beryllium-Ion-Selective PEDOT Solid Contact Electrode Based on 9,10-Dinitrobenzo-9-Crown-3-Ether. Sensors, 2020, 20, 6375.	3.8	1
49	Exciplex emissive supramolecular polymer formed by tuning molecular conformation. Nanoscale, 2020, 12, 16685-16689.	5.6	1
50	Chiral Molecular Arrangement Behaviour of Unsymmetrical Sugar-Based Gelators by Introduction of Steroisomeric Alanine Moiety. Journal of Nanoscience and Nanotechnology, 2009, 9, 4981-4984.	0.9	0
51	Inside Cover: A Chromo-Fluorogenic Tetrazole-Based CoBr2 Coordination Polymer Gel as a Highly Sensitive and Selective Chemosensor for Volatile Gases Containing Chloride (Chem. Eur. J. 10/2011). Chemistry - A European Journal, 2011, 17, 2790-2790.	3.3	0