

Sung Ho Jung

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,403
citations

394421

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330143

37
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56
all docs

56
docs citations

56
times ranked

2231
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Helicity-driven chiral self-sorting supramolecular polymerization with Ag ⁺ : right- and left-helical aggregates. <i>Chemical Science</i> , 2022, 13, 3109-3117. | 7.4 | 13 |
| 2 | Supramolecular polymerization based on the metalation of porphyrin nanosheets in aqueous media. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1630-1635. | 6.0 | 3 |
| 3 | 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. <i>Journal of the American Chemical Society</i> , 2021, 143, 3113-3123. | 13.7 | 24 |
| 4 | Kinetically controlled Ag ⁺ -coordinated chiral supramolecular polymerization accompanying a helical inversion. <i>Chemical Science</i> , 2020, 11, 721-730. | 7.4 | 30 |
| 5 | Beryllium-Ion-Selective PEDOT Solid Contact Electrode Based on 9,10-Dinitrobenzo-9-Crown-3-Ether. <i>Sensors</i> , 2020, 20, 6375. | 3.8 | 1 |
| 6 | Exciplex emissive supramolecular polymer formed by tuning molecular conformation. <i>Nanoscale</i> , 2020, 12, 16685-16689. | 5.6 | 1 |
| 7 | Pyrene-Based Co-Assembled Supramolecular Gel; Morphology Changes and Macroscale Mechanical Property. <i>Gels</i> , 2020, 6, 16. | 4.5 | 11 |
| 8 | Finely Controlled Circularly Polarized Luminescence of a Mechano-Responsive Supramolecular Polymer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18878-18882. | 13.8 | 87 |
| 9 | Temperature-controlled helical inversion of asymmetric triphenylamine-based supramolecular polymers; difference of handedness at the micro- and macroscopic levels. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1100-1108. | 4.5 | 12 |
| 10 | Molecular Self-Assembly Under Kinetic Control. , 2019, , 205-229. | | 6 |
| 11 | Different Origins of Strain-Induced Chirality Inversion of Co ²⁺ -Triggered Supramolecular Peptide Polymers. <i>Chemistry of Materials</i> , 2018, 30, 2074-2083. | 6.7 | 16 |
| 12 | Self-Assembled Coumarin Nanoparticle in Aqueous Solution as Selective Mitochondrial-Targeting Drug Delivery System. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3380-3391. | 8.0 | 39 |
| 13 | Mitochondria-targeting self-assembled nanoparticles derived from triphenylphosphonium-conjugated cyanostilbene enable site-specific imaging and anticancer drug delivery. <i>Nano Research</i> , 2018, 11, 1082-1098. | 10.4 | 39 |
| 14 | Cyanostilbene-Based Supramolecular Polymerization from One-Dimensional to Two-Dimensional Nanostructures via Photoreactions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22143-22149. | 3.1 | 11 |
| 15 | Helicity Control of Triphenylamine-Based Supramolecular Polymers: Correlation between Solvent Properties and Helicity in Supramolecular Gels. <i>Chemistry - A European Journal</i> , 2018, 24, 11763-11770. | 3.3 | 9 |
| 16 | A Block Supramolecular Polymer and Its Kinetically Enhanced Stability. <i>Journal of the American Chemical Society</i> , 2018, 140, 10570-10577. | 13.7 | 112 |
| 17 | Peculiar Triarylamine-Based Co-Assembled Supramolecular Polymers That Exhibit Two Transition Temperatures in the Formation of a Coiled Helical Bundle. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2847-2853. | 3.3 | 5 |
| 18 | Calix[4]arene-based fluorescent probe and the adsorption capacity of its electrospun nanofibrous film for the cesium cation as an adsorbent. <i>Supramolecular Chemistry</i> , 2017, 29, 139-145. | 1.2 | 8 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Ultraviolet Patterned Calixarene-Derived Supramolecular Gels and Films with Spatially Resolved Mechanical and Fluorescent Properties. <i>ACS Nano</i> , 2017, 11, 4155-4164. | 14.6 | 27 |
| 20 | Self-Assembled Tb ³⁺ Complex Probe for Quantitative Analysis of ATP during Its Enzymatic Hydrolysis via Time-Resolved Luminescence in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 722-729. | 8.0 | 38 |
| 21 | Shape Control of Coordination Polymer Particles by Two Different Types of Building Blocks and Zn ²⁺ . <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 9862-9866. | 0.9 | 1 |
| 22 | Determining Chiral Configuration of Diamines via Contact Angle Measurements on Enantioselective Alanine-Appended Benzene-Tricarboxamide Gelators. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14102-14108. | 8.0 | 18 |
| 23 | NMR detection of chirality and enantiopurity of amines by using benzene tricarboxamide-based hydrogelators as chiral solvating agents. <i>New Journal of Chemistry</i> , 2016, 40, 7917-7922. | 2.8 | 10 |
| 24 | Photoregulated Living Supramolecular Polymerization Established by Combining Energy Landscapes of Photoisomerization and Nucleation/Elongation Processes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14347-14353. | 13.7 | 178 |
| 25 | Fluorescence imaging for Fe ³⁺ in Arabidopsis by using simple naphthalene-based ligands. <i>RSC Advances</i> , 2016, 6, 53912-53918. | 3.6 | 15 |
| 26 | Preparation of a Diacetylene-Bridged Phenylamine-Based Supramolecular Hydrogels and Their Fluorescent Properties. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1725-1728. | 1.9 | 2 |
| 27 | Colorimetric Sensor for Zn(II) Using Induced Aggregation of Functionalized Gold Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2408-2410. | 1.9 | 3 |
| 28 | A turn-on fluorogenic Zn(II) chemoprobe based on a terpyridine derivative with aggregation-induced emission (AIE) effects through nanofiber aggregation into spherical aggregates. <i>Chemical Communications</i> , 2015, 51, 952-955. | 4.1 | 36 |
| 29 | Highly selective fluorescence imaging of zinc distribution in HeLa cells and Arabidopsis using a naphthalene-based fluorescent probe. <i>Chemical Communications</i> , 2015, 51, 7463-7465. | 4.1 | 53 |
| 30 | High selective fluorescence imaging of cesium distribution in Arabidopsis using a bis(trihydroxyphenyl)-appended fluorescent probe with a turn-on system. <i>RSC Advances</i> , 2015, 5, 26662-26665. | 3.6 | 11 |
| 31 | Electrospun nanofibrous membranes incorporating an imidazole-appended p-phenylene-Cu(II) ensemble as fluoroprobes for the detection of His-proteins. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7222-7226. | 5.8 | 6 |
| 32 | Chirality control of self-assembled achiral nanofibers using amines in their solid state. <i>Nanoscale</i> , 2015, 7, 15238-15244. | 5.6 | 12 |
| 33 | Thermochromic and Piezochromic Effects of Coll-Imidazole-Based Supramolecular Gels as Logic Gates. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2350-2355. | 2.0 | 7 |
| 34 | An imidazole-appended p-phenylene-Cu(II) ensemble as a chemoprobe for histidine in biological samples. <i>Chemical Communications</i> , 2014, 50, 15243-15246. | 4.1 | 20 |
| 35 | Reversibly tunable helix inversion in supramolecular gels triggered by Co ²⁺ . <i>Chemical Communications</i> , 2014, 50, 13495-13498. | 4.1 | 24 |
| 36 | Tb ³⁺ -triggered luminescence in a supramolecular gel and its use as a fluorescent chemoprobe for proteins containing alanine. <i>Chemical Communications</i> , 2014, 50, 13107-13110. | 4.1 | 20 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Geometric Change of a Thiacalix[4]arene Supramolecular Gel with Volatile Gases and Its Chromogenic Detection for Rapid Analysis. <i>Inorganic Chemistry</i> , 2014, 53, 3004-3011. | 4.0 | 18 |
| 38 | Chiral Arrangement of Achiral Au Nanoparticles by Supramolecular Assembly of Helical Nanofiber Templates. <i>Journal of the American Chemical Society</i> , 2014, 136, 6446-6452. | 13.7 | 139 |
| 39 | Fluorescent hydrogels formed by CH ₂ =N and N ₂ interactions as the main driving forces: an approach toward understanding the relationship between fluorescence and structure. <i>Chemical Communications</i> , 2013, 49, 2109. | 4.1 | 37 |
| 40 | A metal-organic framework gel with Cd ²⁺ derived from only coordination bonds without intermolecular interactions and its catalytic ability. <i>New Journal of Chemistry</i> , 2013, 37, 2330. | 2.8 | 25 |
| 41 | Control of the Shell Thickness of TiO ₂ @SiO ₂ Particles and Its Surface Functionalization. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 3456-3458. | 1.9 | 3 |
| 42 | Anthracene Dicarboxylate-Based Metal-Organic Framework Gel with Zn ²⁺ as a TNT Sensor. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1583-1585. | 1.9 | 5 |
| 43 | A cyanurate gel derived from two different hydrogen-bonding interactions in a binary system: evidence for the driving forces in gel formation. <i>New Journal of Chemistry</i> , 2012, 36, 1957. | 2.8 | 8 |
| 44 | The Effect of Hydrogen-Bonds of Amino Acid-Derived Diacetylene by Photopolymerization in Supramolecular Hydrogels. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2113-2120. | 0.9 | 3 |
| 45 | A Chromo-Fluorogenic Tetrazole-Based CoBr ₂ Coordination Polymer Gel as a Highly Sensitive and Selective Chemosensor for Volatile Gases Containing Chloride. <i>Chemistry - A European Journal</i> , 2011, 17, 2823-2827. | 3.3 | 97 |
| 46 | Inside Cover: A Chromo-Fluorogenic Tetrazole-Based CoBr ₂ Coordination Polymer Gel as a Highly Sensitive and Selective Chemosensor for Volatile Gases Containing Chloride (<i>Chem. Eur. J.</i> 10/2011). <i>Chemistry - A European Journal</i> , 2011, 17, 2790-2790. | 3.3 | 0 |
| 47 | Sol-Gel Phase Transitions in a Photochromic Spiropyran-Modified Material by Incorporation in a Hydrogel. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 5990-5996. | 0.9 | 7 |
| 48 | Silica-based chromogenic and fluorogenic hybrid chemosensor materials. <i>Chemical Society Reviews</i> , 2009, 38, 1904. | 38.1 | 130 |
| 49 | Chiral Molecular Arrangement Behaviour of Unsymmetrical Sugar-Based Gelators by Introduction of Stereoisomeric Alanine Moiety. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4981-4984. | 0.9 | 0 |
| 50 | Facile Preparation of Self-Assembled Polymer Nanotubes by Proton Beam Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2777-2779. | 0.9 | 1 |
| 51 | A color version of the Hinsberg test: permethylated cyclodextrin and crown-appended azophenol for highly selective sensing of amines. <i>Tetrahedron</i> , 2008, 64, 6705-6710. | 1.9 | 16 |