Ji Ha Lee

List of Publications by Year in descending order

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79	2,026	236833	254106
papers	citations	25 h-index	43 g-index

84	84	84	3290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functionalized magnetic nanoparticles as chemosensors and adsorbents for toxic metal ions in environmental and biological fields. Chemical Society Reviews, 2011, 40, 4464.	18.7	254
2	Coordination polymer gels with important environmental and biological applications. Chemical Society Reviews, 2013, 42, 924-936.	18.7	179
3	Enhanced NIR Radiation-Triggered Hyperthermia by Mitochondrial Targeting. Journal of the American Chemical Society, 2015, 137, 3017-3023.	6.6	168
4	Finely Controlled Circularly Polarized Luminescence of a Mechanoâ€Responsive Supramolecular Polymer. Angewandte Chemie - International Edition, 2019, 58, 18878-18882.	7.2	87
5	Supramolecular gels with high strength by tuning of calix[4]arene-derived networks. Nature Communications, 2015, 6, 6650.	5.8	80
6	Bisindole anchored mesoporous silica nanoparticles for cyanide sensing in aqueous media. Chemical Communications, 2011, 47, 10918.	2.2	76
7	A tetrazole-based metallogel induced with Ag+ ion and its silver nanoparticle in catalysis. Soft Matter, 2012, 8, 6557.	1.2	71
8	Luminescent metalâ€“organic framework-functionalized graphene oxide nanocomposites and the reversible detection of high explosives. Nanoscale, 2013, 5, 8533.	2.8	58
9	A Mesoporous, Silicaâ€Immobilizedâ€Nanoparticle Colorimetric Chemosensor for the Detection of Nerve Agents. Advanced Functional Materials, 2011, 21, 4035-4040.	7.8	56
10	Highly selective fluorescence imaging of zinc distribution in HeLa cells and Arabidopsis using a naphthalene-based fluorescent probe. Chemical Communications, 2015, 51, 7463-7465.	2.2	53
11	Pyridine-based coordination polymeric hydrogel with Cu2+ ion and its encapsulation of a hydrophobic molecule. Chemical Communications, 2011, 47, 2937.	2.2	47
12	Fluorescent Composite Hydrogels of Metalâ€“Organic Frameworks and Functionalized Graphene Oxide. Chemistry - A European Journal, 2012, 18, 765-769.	1.7	45
13	Instant Visual Detection of Picogram Levels of Trinitrotoluene by Using Luminescent Metalâ€“Organic Framework Gelâ€Coated Filter Paper. Chemistry - A European Journal, 2013, 19, 16665-16671.	1.7	43
14	Self-Assembled Coumarin Nanoparticle in Aqueous Solution as Selective Mitochondrial-Targeting Drug Delivery System. ACS Applied Materials & Interfaces, 2018, 10, 3380-3391.	4.0	39
15	Mitochondria-targeting self-assembled nanoparticles derived from triphenylphosphonium-conjugated cyanostilbene enable site-specific imaging and anticancer drug delivery. Nano Research, 2018, 11, 1082-1098.	5.8	39
16	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.	4.0	38
17	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.	2.2	37
18	Chiral Supramolecular Gels with Lanthanide Ions: Correlation between Luminescence and Helical Pitch. ACS Applied Materials & Interfaces, 2017, 9, 3799-3807.	4.0	37

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19	Unraveling the kinetics of the structural development during polymerization-induced self-assembly: decoupling the polymerization and the micelle structure. Polymer Chemistry, 2020, 11, 1514-1524.	1.9	34
20	The selective immobilization of curcumin onto the internal surface of mesoporous hollow silica particles by covalent bonding and its controlled release. Journal of Materials Chemistry, 2011, 21, 3641.	6.7	33
21	A BODIPY-functionalized bimetallic probe for sensitive and selective color-fluorometric chemosensing of Hg2+. Analyst, The, 2012, 137, 3914.	1.7	32
22	Luminescent Calix[4]arene-Based Metallogel Formed at Different Solvent Composition. Inorganic Chemistry, 2014, 53, 7181-7187.	1.9	32
23	Fluorescence enhancement of a tetrazole-based pyridine coordination polymer hydrogel. New Journal of Chemistry, 2011, 35, 1054.	1.4	31
24	Finely Controlled Circularly Polarized Luminescence of a Mechanoâ€Responsive Supramolecular Polymer. Angewandte Chemie, 2019, 131, 19054-19058.	1.6	29
25	Ultraviolet Patterned Calixarene-Derived Supramolecular Gels and Films with Spatially Resolved Mechanical and Fluorescent Properties. ACS Nano, 2017, 11, 4155-4164.	7.3	27
26	Controlled drug delivery from mesoporous silica using a pH-response release system. New Journal of Chemistry, 2012, 36, 1616.	1.4	25
27	Reversibly tunable helix inversion in supramolecular gels trigged by Co²⁺. Chemical Communications, 2014, 50, 13495-13498.	2.2	24
28	Fluorometric/colorimetric logic gates based on BODIPY-functionalized mesoporous silica. Analyst, The, 2014, 139, 3866-3870.	1.7	22
29	The influence of ultrasound on porphyrin-based metallogel formation: efficient control of H- and J-type aggregations. New Journal of Chemistry, 2012, 36, 32-35.	1.4	20
30	Mesoporous silica nanoparticles functionalized with a thymidine derivative for controlled release. Journal of Materials Chemistry, 2012, 22, 9455.	6.7	19
31	Reinforcement of a Sugar-Based Bolaamphiphile/Functionalized Graphene Oxide Composite Gel: Rheological and Electrochemical Properties. Langmuir, 2013, 29, 13535-13541.	1.6	18
32	Cyclodextrin-based nanoparticles encapsulating Î±-mangostin and their drug release behavior: potential carriers of Î±-mangostin for cancer therapy. Polymer Journal, 2020, 52, 457-466.	1.3	18
33	A crown-ether-based moldable supramolecular gel with unusual mechanical properties and controllable electrical conductivity prepared by cation-mediated cross-linking. Polymer Chemistry, 2018, 9, 3900-3907.	1.9	16
34	Control of the rheological properties of clay nanosheet hydrogels with a guanidinium-attached calix[4]arene binder. Chemical Communications, 2015, 51, 15184-15187.	2.2	13
35	Metallogel of bis(tetrazole)-appended pyridine derivative with CoBr₂ as a chemoprobe for volatile gases containing chloride atom. Supramolecular Chemistry, 2016, 28, 870-873.	1.5	12
36	A tetramer micelle: the smallest aggregation number corresponding to the vertex number of regular polyhedra in platonic micelles. Soft Matter, 2018, 14, 875-878.	1.2	12

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37	Rediscovering the Monodispersity of Sulfonatocalix[4]arene-Based Micelles. Langmuir, 2018, 34, 5072-5078.	1.6	11
38	Terpyridine-based complex nanofibers with Eu3+ as a highly selective chemical probes for UO22+. Journal of Hazardous Materials, 2019, 378, 120713.	6.5	10
39	Roles of both amines and acid in supramolecular hydrogel formation of tetracarboxyl acid-appended calix[4]arene gelator. RSC Advances, 2015, 5, 20066-20072.	1.7	9
40	Discrete and Discontinuous Increase in the Micellar Aggregation Number: Effects of the Alkyl Chain Length on Platonic Micelles. Langmuir, 2019, 35, 3156-3161.	1.6	9
41	Observing the Kinetic Pathway of Nanotube Formation from Bolaamphiphiles by Time-Resolved Small-Angle X-ray Scattering. Journal of Physical Chemistry B, 2019, 123, 4340-4345.	1.2	9
42	Encapsulation of Albumin in Organic Nanotube Channel: Structural Investigation by Small-Angle X-ray Scattering. ACS Applied Bio Materials, 2019, 2, 1652-1659.	2.3	9
43	Synthesis and characterization of nanoemulsion-mediated core crosslinked nanoparticles, and in vivo pharmacokinetics depending on the structural characteristics. Journal of Controlled Release, 2020, 324, 405-412.	4.8	9
44	Dual and multiple stimuli-responsive platonic micelles bearing disaccharides. Journal of Colloid and Interface Science, 2019, 535, 8-15.	5.0	7
45	Furry nanoparticles: synthesis and characterization of nanoemulsion-mediated core crosslinked nanoparticles and their robust stability in vivo. Polymer Chemistry, 2020, 11, 4408-4416.	1.9	7
46	Stable shape for copper film using low-temperature thermal decomposition of copper microparticles for printable electronics. Chemical Physics Letters, 2020, 761, 138055.	1.2	7
47	Simple Formation of Cancer Drug-Containing Self-Assembled Hydrogels with Temperature and pH-Responsive Release. Langmuir, 2021, 37, 11269-11275.	1.6	7
48	NTA-Functionalized Gold Nanoparticles for Visual Detection of Uranyl Ion. Bulletin of the Korean Chemical Society, 2013, 34, 2183-2186.	1.0	7
49	A benzothiazole-based receptor-immobilised silica nanoparticle as chemosensor for Hg²⁺. Supramolecular Chemistry, 2015, 27, 690-696.	1.5	6
50	Morphological Transition of Oppositely Charged Calix[4]arene Surfactant Mixture. Langmuir, 2018, 34, 12109-12115.	1.6	6
51	Coreâ€“Shellâ€“Corona Micelles from a Polyether-Based Triblock Terpolymer: Investigation of the pH-Dependent Micellar Structure. Langmuir, 2018, 34, 7813-7820.	1.6	6
52	Tuning of the aggregation number of Platonic micelles with a binary mixture of calix[4]arene surfactants. Chemical Communications, 2019, 55, 1303-1305.	2.2	6
53	Self-assembled gels formed by covalent-bond that is able to include drug. European Polymer Journal, 2019, 118, 280-285.	2.6	6
54	Self-reducible copper complex inks with two amines for copper conductive films via calcination below 100 Â°C. Chemical Physics Letters, 2021, 763, 138248.	1.2	6

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55	Coassembled Nanoparticles Composed of Functionalized Mesoporous Silica and Pillar[5]areneâ€Appended Gold Nanoparticles as Mitochondrialâ€Selective Dualâ€Drug Carriers. Particle and Particle Systems Characterization, 2020, 37, 2000136.	1.2	5
56	Structural Polymorphism of Resorcinarene Assemblies. Langmuir, 2020, 36, 6222-6227.	1.6	5
57	Monodisperse micelles composed of poly(ethylene glycol) attached surfactants: platonic nature in a macromolecular aggregate. Soft Matter, 2019, 15, 5371-5374.	1.2	4
58	Non-dependence of dodecamer structures on alkyl chain length in Platonic micelles. Soft Matter, 2019, 15, 3515-3519.	1.2	4
59	Polymersome formation induced by encapsulation of water-insoluble molecules within ABC triblock terpolymers. Polymer Chemistry, 2020, 11, 3446-3452.	1.9	4
60	Organic solvent-based thermo-electrochemical cells with an iron(<scp>ii</scp>/<scp>iii</scp>) triflate redox couple for use in harvesting low-grade waste heat at 100â€“200 Â°C. Sustainable Energy and Fuels, 0, , .	2.5	4
61	Distinctly Different Chemical Functionalities on the Internal and the External Surfaces of Silica Nanotubes, and Their Applications as Multiâ€Chemosensors. Chemistry - A European Journal, 2011, 17, 7433-7437.	1.7	3
62	Colorimetric Sensor for Zn(<scp>II</scp>) Using Induced Aggregation of Functionalized Gold Nanoparticles. Bulletin of the Korean Chemical Society, 2015, 36, 2408-2410.	1.0	3
63	Bispicolyamine-Based Supramolecular Polymeric Gels Induced by Distinct Different Driving Forces with and Without Zn2+. International Journal of Molecular Sciences, 2020, 21, 4617.	1.8	3
64	Monodisperse Micelles with Aggregation Numbers Related to Platonic Solids. Macromolecular Rapid Communications, 2020, 41, 2000227.	2.0	3
65	Bundling Process of Citrulline Polypeptides upon UCST-Type Phase Separation. Journal of Physical Chemistry B, 2020, 124, 4036-4043.	1.2	3
66	Control of the Shell Thickness of TiO₂@SiO₂Particles and Its Surface Functionalization. Bulletin of the Korean Chemical Society, 2013, 34, 3456-3458.	1.0	3
67	Spectroscopic Study of the Salicyladazine Derivativeâ€“UO22+ Complex and Its Immobilization to Mesoporous Silica. Nanomaterials, 2019, 9, 688.	1.9	2
68	Controllable mechanical properties of anthraquinone-urea gel depending on the catalyst effect and their sensing ability for fluoride anion. European Polymer Journal, 2020, 133, 109774.	2.6	2
69	Control of Luminescence Properties in Naphthalene Diimide-Based Gel with Azodibenzoic Acid by Charge Transfer Interaction. Bulletin of the Korean Chemical Society, 2014, 35, 2851-2854.	1.0	2
70	Self-reducible copper complex inks with aminediol and OH-based solvent for the fabrication of a highly conductive copper film by calcination at low temperature under an air atmosphere. New Journal of Chemistry, 2020, 44, 19880-19884.	1.4	2
71	In Situ Supramolecular Gel Formed by Cyclohexane Diamine with Aldehyde Derivative. Polymers, 2022, 14, 400.	2.0	2
72	Simple synthesis of copper sulfide film using self-reducible copper formate-amine-sulfur complex paste at less than 200ÂÂ°C. Chemical Physics Letters, 2022, 793, 139460.	1.2	2

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73	A Study on the compensation margin on butt welding joint of Large Steel plates during Shipbuilding construction.. IOP Conference Series: Materials Science and Engineering, 2015, 88, 012040.	0.3	1
74	Beryllium-Ion-Selective PEDOT Solid Contact Electrode Based on 9,10-Dinitrobenzo-9-Crown-3-Ether. Sensors, 2020, 20, 6375.	2.1	1
75	Coumarin-Based Organogel Formed at Different Solvent Compositions and Their Luminescent Properties. Bulletin of the Korean Chemical Society, 2014, 35, 3668-3670.	1.0	1
76	Correction: A tetramer micelle: the smallest aggregation number corresponding to the vertex number of regular polyhedra in platonic micelles. Soft Matter, 2018, 14, 1067-1067.	1.2	0
77	Discovery of Monodisperse Micelles with Discrete Aggregation Numbers. ACS Symposium Series, 2020, , 1-13.	0.5	0
78	Self-healing Corrosion Protective Coating Using Cellulose Nanofibers. Nippon Gomu Kyokaishi, 2021, 94, 66-71.	0.0	0
79	Stretchable calix[4] areneâ€based gels by induction of water. Journal of Applied Polymer Science, 2021, 138, 51235.	1.3	0