

Ya-Juan Li

List of Publications by Year in descending order

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papers

1,256
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304368

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docs citations

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times ranked

1212
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#	ARTICLE	IF	CITATIONS
1	Visual Recognition of Aliphatic and Aromatic Amines Using a Fluorescent Gel: Application of a Sonication-Triggered Organogel. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13569-13577.	4.0	105
2	Lanthanide (Eu ³⁺ , Tb ³⁺)/ β -Diketone Modified Mesoporous SBA-15/Organic Polymer Hybrids: Chemically Bonded Construction, Physical Characterization, and Photophysical Properties. <i>Inorganic Chemistry</i> , 2009, 48, 8276-8285.	1.9	92
3	Fluorescent and Electrochemical Supramolecular Coordination Polymer Hydrogels Formed from Ion-Tuned Self-Assembly of Small Bis-Terpyridine Monomer. <i>Inorganic Chemistry</i> , 2017, 56, 7512-7518.	1.9	75
4	Photoactive lanthanide hybrids covalently bonded to functionalized periodic mesoporous organosilica (PMO) by calix[4]arene derivative. <i>Journal of Materials Chemistry</i> , 2011, 21, 1130-1138.	6.7	55
5	Robust, Self-Healing, and Multistimuli-Responsive Supergelator for the Visual Recognition and Separation of Short-Chain Cycloalkanes and Alkanes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13666-13675.	4.0	52
6	Tunable and Switchable Control of Luminescence through Multiple Physical Stimulations in Aggregation-Based Monocomponent Systems. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24312-24321.	4.0	40
7	Instant hydrogel formation of terpyridine-based complexes triggered by DNA <i>via</i> non-covalent interaction. <i>Nanoscale</i> , 2019, 11, 4044-4052.	2.8	36
8	Highly selective luminescent sensing of Cu ²⁺ in aqueous solution based on a Eu(III)-centered periodic mesoporous organosilicas hybrid. <i>Materials and Design</i> , 2019, 172, 107712.	3.3	34
9	Sugar based nanotube assembly for the construction of sonication triggered hydrogel: an application of the entrapment of tetracycline hydrochloride. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7366-7371.	2.9	33
10	Photoactive europium(iii) centered mesoporous hybrids with 2-thenoyltrifluoroacetone functionalized SBA-16 and organic polymers. <i>Dalton Transactions</i> , 2010, 39, 2554.	1.6	32
11	Hydrogelation Landscape Engineering and a Novel Strategy To Design Radically Induced Healable and Stimuli-Responsive Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19605-19612.	4.0	31
12	Lanthanide (Eu ³⁺ , Tb ³⁺) Centered Mesoporous Hybrids with 1,3- β -Diphenylacetylpropanone Covalently Linking SBA-15 (SBA-16) and Poly(methylacrylic acid). <i>Chemistry - an Asian Journal</i> , 2010, 5, 1642-1651.		30
13	Calix[4]arene derivative functionalized lanthanide (Eu, Tb) SBA-15 mesoporous hybrids with covalent bonds: assembly, characterization and photoluminescence. <i>Dalton Transactions</i> , 2011, 40, 6722.	1.6	30
14	Self-healing gels triggered by ultrasound with color-tunable emission based on ion recognition. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 134-141.	5.0	30
15	Preparation, characterization and luminescence properties of ternary europium complexes covalently bonded to titania and mesoporous SBA-15. <i>Journal of Materials Chemistry</i> , 2011, 21, 8129.	6.7	29
16	Cyclodextrin-Assisted Two-Component Sonogel for Visual Humidity Sensing. <i>Langmuir</i> , 2017, 33, 1090-1096.	1.6	27
17	A simple and colorimetric fluoride receptor and its fluoride-responsive organogel. <i>Materials Science and Engineering C</i> , 2012, 32, 1695-1698.	3.8	26
18	Luminescent lanthanide (Eu ³⁺ , Tb ³⁺) ternary mesoporous hybrids with functionalized β -diketones (TTA, Tj ETQqO O O rgBT /Overlock 1 131, 82-88.	2.2	25

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19	Eu ³⁺ -based mesoporous hybrid material with tunable multicolor emission modulated by fluoride ion: application for selective sensing toward fluoride ion. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5411-5419.	2.7	25
20	Photochromic property of naphthalimide derivative: Selective and visual F [−] recognition by NSS isomers both in solution and in a self-assembly gel. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 828-835.	4.0	25
21	Selective and visual Ca ²⁺ ion recognition in solution and in a self-assembly organogel of the terpyridine-based derivative triggered by ultrasound. <i>Soft Matter</i> , 2015, 11, 8100-8104.	1.2	24
22	Highly selective fluorescent sensing for fluoride based on a covalently bonded europium mesoporous hybrid material. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 660-667.	4.0	24
23	Switchable Supramolecular Configurations of Al ³⁺ /LysTPY Coordination Polymers in a Hydrogel Network Controlled by Ultrasound and Heat. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40079-40087.	4.0	23
24	Effect of water on the supramolecular assembly and functionality of a naphthalimide derivative: tunable honeycomb structure with mechanochromic properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5910-5916.	2.7	22
25	Photoactive lanthanide (Eu ³⁺ , Tb ³⁺) centered hybrid systems with titania (alumina)-mesoporous silica based hosts. <i>Journal of Materials Chemistry</i> , 2011, 21, 18454.	6.7	21
26	Full-color emission of a Eu ³⁺ -based mesoporous hybrid material modulated by Zn ²⁺ ions: emission color changes for Zn ²⁺ sensing via an ion exchange approach. <i>Dalton Transactions</i> , 2019, 48, 10547-10556.	1.6	19
27	An α -fluorescent naphthalimide-based sensor for anions: its application in visual F [−] and AcO [−] discrimination in a self-assembled gel state. <i>New Journal of Chemistry</i> , 2019, 43, 10554-10559.	1.4	19
28	Vesicle-tube-ribbon evolution via spontaneous fusion in a self-correcting supramolecular tissue. <i>CrystEngComm</i> , 2015, 17, 8039-8046.	1.3	18
29	Tunable multicolor emissions in a monocomponent gel system by varying the solvent, temperature and fluoride anion. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11176-11182.	1.5	18
30	Novel luminescent lanthanide(ⁱⁱⁱ) hybrid materials: fluorescence sensing of fluoride ions and N ₂ , N ₂ -dimethylformamide. <i>Dalton Transactions</i> , 2018, 47, 11530-11538.	1.6	17
31	A Zr-cluster based thermostable, self-healing and adaptive metallogel with chromogenic properties responds to multiple stimuli with reversible radical interaction. <i>Chemical Communications</i> , 2020, 56, 2439-2442.	2.2	17
32	Healable, Phase-Selective, and White-Light-Emitting Titania Based Hybrid Lanthanide-Doped Metallogels. <i>Inorganic Chemistry</i> , 2020, 59, 3974-3982.	1.9	16
33	Photophysical Properties of a Novel Organic-Inorganic Hybrid Material: Eu(III)-Diketone Complex Covalently Bonded to SiO ₂ /ZnO Composite Matrix. <i>Photochemistry and Photobiology</i> , 2010, 86, 1008-1015.	1.3	15
34	Ultrasound-accelerated organogel: application for visual discrimination of Hg ²⁺ from Ag ⁺ . <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2218-2222.	1.5	15
35	Naphthalimide-based fluorescent gelator for construction of both organogels and stimuli-responsive metallogels. <i>RSC Advances</i> , 2017, 7, 25673-25677.	1.7	15
36	Carbon nanodot-induced Eu ³⁺ -based fluorescent polymeric hydrogel for excellent phase-separation absorption of VOC. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7941-7947.	5.2	14

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37	Ultrasound accelerated sugar based gel for in situ construction of a Eu ³⁺ -based metallogel via energy transfer in a supramolecular scaffold. <i>RSC Advances</i> , 2015, 5, 107694-107699.	1.7	11
38	Hydrophobic surface to hold a water droplet by cholesterol-based organogel with solvent-tuned morphologies. <i>New Journal of Chemistry</i> , 2013, 37, 1201.	1.4	10
39	Isomeric effect of solvents on a sugar-based supergelator with self-healing ability. <i>Applied Surface Science</i> , 2020, 513, 145814.	3.1	10
40	Metallic inorganic/organic hybrid system through functionalized Schiff-base linkage: Molecular assembly, characterization and luminescence. <i>Journal of Alloys and Compounds</i> , 2011, 509, 9240-9245.	2.8	9
41	Intramolecular proton transfer through the adjoining π -conjugated system in Schiff base: Application for colorimetric sensing of fluoride anion. <i>Materials Science and Engineering C</i> , 2014, 40, 467-471.	3.8	8
42	Synthesis and characterization of novel luminescent europium(ⁱⁱⁱ) hybrid materials with a host based on titania α -mesoporous silica or alumina α -mesoporous silica. <i>RSC Advances</i> , 2015, 5, 84790-84796.	1.7	7
43	Switchable sol-gel transition controlled by ultrasound and body temperature. <i>Supramolecular Chemistry</i> , 2016, 28, 335-338.	1.5	7
44	Ultrasound-induced emission color and transmittance changes of organogel based on α -trans-to-cis α -isomerization. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104659.	3.8	7
45	Self-assembly induced hydrogelation approach as novel means of selective and visual sensing toward picric acid. <i>Applied Surface Science</i> , 2019, 487, 473-479.	3.1	7
46	Self-healable, Eu ³⁺ -based polymeric gels containing terpyridyl groups with tunable luminescence based on ion recognition. <i>Journal of Rare Earths</i> , 2020, 38, 705-710.	2.5	7
47	Self-healing organogels and hydrogels constructed by self-assembled bis-terpyridine complex with selective metal ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124439.	2.3	7
48	Facile construction of terpyridine-based metallo-polymers in hydrogels, crystals and solutions directed by metal ions. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 190-196.	5.0	6
49	Fluorescence sensing of fluoride ions and N, N- dimethylformamide by novel luminescent lanthanide(III) xerogels. <i>Journal of Luminescence</i> , 2018, 204, 169-175.	1.5	6
50	Free radical oxidation reaction for selectively solvatochromic sensors with dynamic sensing ability. <i>Chinese Chemical Letters</i> , 2020, 31, 1919-1922.	4.8	6
51	Polydiacetylene-based gels for solvent discrimination and formation of Au/Ag nanoparticles with embedded photocatalytic performance. <i>Materials and Design</i> , 2021, 205, 109744.	3.3	5
52	Structural Tunability on Naphthalimide-Based Dendrimer Gelators via Glaser Coupling Interaction with Tailored Gelation Solvent Polarity and Stimuli-Responsive Properties. <i>Langmuir</i> , 2021, 37, 2677-2682.	1.6	4
53	Lanthanide (Eu ³⁺ , Tb ³⁺) functionalized SBA-15 through modified hexafluoroacetylacetone linkage: Covalently bonding construction, physical characterization, and luminescent properties. <i>Journal of Materials Research</i> , 2014, 29, 675-683.	1.2	3
54	Phenanthroline derivative based europium(III) covalently bonded silica hybrid material for high-selectivity sensing of anion and small organic molecule. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111917.	2.0	3

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55	Morphology transformation between nanofibres and vesicles controlled by ultrasound and heat in tryptamine-based assembly. <i>Supramolecular Chemistry</i> , 2016, 28, 865-869.	1.5	2
56	Emission Enhancement of Perylene-3,4,9,10-tetracarboxylic diimide-Based Organogel Triggered by Ultrasound. <i>ChemistrySelect</i> , 2020, 5, 4389-4392.	0.7	2
57	Preparation and fluorescent recognition properties for fluoride of a nanostructured covalently bonded europium hybrid material. <i>Journal of Rare Earths</i> , 2015, 33, 905-910.	2.5	0
58	<i>In situ</i> fabrication of highly organised TiO ₂ nanoparticles with photo-catalytic activity in cholesterol-based organogel network. <i>Supramolecular Chemistry</i> , 2015, 27, 533-538.	1.5	0