Ya-Juan Li

List of Publications by Year
in descending order

58	1,256	304368 22	395343 33
papers	citations	h-index	g-index

58	58	58	1212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon nanodot-induced Eu³⁺-based fluorescent polymeric hydrogel for excellent phase-separation absorption of VOC. Journal of Materials Chemistry A, 2022, 10, 7941-7947.	5.2	14
2	Structural Tunability on Naphthalimide-Based Dendrimer Gelators via Glaser Coupling Interaction with Tailored Gelation Solvent Polarity and Stimuli-Responsive Properties. Langmuir, 2021, 37, 2677-2682.	1.6	4
3	Polydiacetylene-based gels for solvent discrimination and formation of Au/Ag nanoparticles with embedded photocatalytic performance. Materials and Design, 2021, 205, 109744.	3.3	5
4	Switchable Supramolecular Configurations of Al³⁺/LysTPY Coordination Polymers in a Hydrogel Network Controlled by Ultrasound and Heat. ACS Applied Materials & Interfaces, 2021, 13, 40079-40087.	4.0	23
5	Self-healable, Eu3+-based polymeric gels containing terpyridyl groups with tunable luminescence based on ion recognition. Journal of Rare Earths, 2020, 38, 705-710.	2.5	7
6	Self-healing organogels and hydrogels constructed by self-assembled bis-terpyridine complex with selective metal ions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124439.	2.3	7
7	Free radical oxidation reaction for selectively solvatochromic sensors with dynamic sensing ability. Chinese Chemical Letters, 2020, 31, 1919-1922.	4.8	6
8	Healable, Phase-Selective, and White-Light-Emitting Titania Based Hybrid Lanthanide-Doped Metallogels. Inorganic Chemistry, 2020, 59, 3974-3982.	1.9	16
9	Isomeric effect of solvents on a sugar-based supergelator with self-healing ability. Applied Surface Science, 2020, 513, 145814.	3.1	10
10	A Zr-cluster based thermostable, self-healing and adaptive metallogel with chromogenic properties responds to multiple stimuli with reversible radical interaction. Chemical Communications, 2020, 56, 2439-2442.	2.2	17
11	Emission Enhancement of Peryleneâ€Bisimideâ€Based Organogel Triggered by Ultrasound. ChemistrySelect, 2020, 5, 4389-4392.	0.7	2
12	Ultrasound-induced emission color and transmittance changes of organogel based on â€œtrans-to-cisâ€• isomerization. Ultrasonics Sonochemistry, 2019, 58, 104659.	3.8	7
13	Instant hydrogel formation of terpyridine-based complexes triggered by DNA via non-covalent interaction. Nanoscale, 2019, 11, 4044-4052.	2.8	36
14	Phenanthroline derivative based europium(III) covalently bonded silica hybrid material for high-selectivity sensing of anion and small organic molecule. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111917.	2.0	3
15	Full-color emission of a Eu³⁺-based mesoporous hybrid material modulated by Zn²⁺ ions: emission color changes for Zn²⁺ sensing via an ion exchange approach. Dalton Transactions, 2019, 48, 10547-10556.	1.6	19
16	An â€œoffâ€“onâ€•fluorescent naphthalimide-based sensor for anions: its application in visual F^{â^'} and AcO^{â^'} discrimination in a self-assembled gel state. New Journal of Chemistry, 2019, 43, 10554-10559.	1.4	19
17	Hydrogelation Landscape Engineering and a Novel Strategy To Design Radically Induced Healable and Stimuli-Responsive Hydrogels. ACS Applied Materials & Interfaces, 2019, 11, 19605-19612.	4.0	31
18	Self-assembly induced hydrogelation approach as novel means of selective and visual sensing toward picric acid. Applied Surface Science, 2019, 487, 473-479.	3.1	7

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19	Highly selective luminescent sensing of Cu2+ in aqueous solution based on a Eu(III)-centered periodic mesoporous organosilicas hybrid. Materials and Design, 2019, 172, 107712.	3.3	34
20	Self-healing gels triggered by ultrasound with color-tunable emission based on ion recognition. Journal of Colloid and Interface Science, 2019, 540, 134-141.	5.0	30
21	Facile construction of terpridine-based metallo-polymers in hydrogels, crystals and solutions directed by metal ions. Journal of Colloid and Interface Science, 2018, 521, 190-196.	5.0	6
22	Novel luminescent lanthanide(<scp>iii</scp>) hybrid materials: fluorescence sensing of fluoride ions and N,N-dimethylformamide. Dalton Transactions, 2018, 47, 11530-11538.	1.6	17
23	Fluorescence sensing of fluoride ions and N, N- dimethylformamide by novel luminescent lanthanide(III) xerogels. Journal of Luminescence, 2018, 204, 169-175.	1.5	6
24	Cyclodextrin-Assisted Two-Component Sonogel for Visual Humidity Sensing. Langmuir, 2017, 33, 1090-1096.	1.6	27
25	Naphthalimide-based fluorescent gelator for construction of both organogels and stimuli-responsive metallogels. RSC Advances, 2017, 7, 25673-25677.	1.7	15
26	Eu³⁺based mesoporous hybrid material with tunable multicolor emission modulated by fluoride ion: application for selective sensing toward fluoride ion. Journal of Materials Chemistry C, 2017, 5, 5411-5419.	2.7	25
27	Effect of water on the supramolecular assembly and functionality of a naphthalimide derivative: tunable honeycomb structure with mechanochromic properties. Journal of Materials Chemistry C, 2017, 5, 5910-5916.	2.7	22
28	Fluorescent and Electrochemical Supramolecular Coordination Polymer Hydrogels Formed from Ion-Tuned Self-Assembly of Small Bis-Terpyridine Monomer. Inorganic Chemistry, 2017, 56, 7512-7518.	1.9	75
29	Photochromic property of naphthalimide derivative: Selective and visual Fâ^' recognition by NSS isomers both in solution and in a self-assembly gel. Sensors and Actuators B: Chemical, 2017, 251, 828-835.	4.0	25
30	Robust, Self-Healing, and Multistimuli-Responsive Supergelator for the Visual Recognition and Separation of Short-Chain Cycloalkanes and Alkanes. ACS Applied Materials & Interfaces, 2017, 9, 13666-13675.	4.0	52
31	Tunable multicolor emissions in a monocomponent gel system by varying the solvent, temperature and fluoride anion. Organic and Biomolecular Chemistry, 2016, 14, 11176-11182.	1.5	18
32	Ultrasound-accelerated organogel: application for visual discrimination of Hg²⁺ from Ag⁺. Organic and Biomolecular Chemistry, 2016, 14, 2218-2222.	1.5	15
33	Highly selective fluorescent sensing for fluoride based on a covalently bonded europium mesoporous hybrid material. Sensors and Actuators B: Chemical, 2016, 227, 660-667.	4.0	24
34	Morphology transformation between nanofibres and vesicles controlled by ultrasound and heat in tryptamine-based assembly. Supramolecular Chemistry, 2016, 28, 865-869.	1.5	2
35	Switchable sol-gel transition controlled by ultrasound and body temperature. Supramolecular Chemistry, 2016, 28, 335-338.	1.5	7
36	Visual Recognition of Aliphatic and Aromatic Amines Using a Fluorescent Gel: Application of a Sonication-Triggered Organogel. ACS Applied Materials & Interfaces, 2015, 7, 13569-13577.	4.0	105

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37	Vesicleâ€“tubeâ€“ribbon evolution via spontaneous fusion in a self-correcting supramolecular tissue. CrystEngComm, 2015, 17, 8039-8046.	1.3	18
38	Ultrasound accelerated sugar based gel for in situ construction of a Eu³⁺-based metallogel via energy transfer in a supramolecular scaffold. RSC Advances, 2015, 5, 107694-107699.	1.7	11
39	Preparation and fluorescent recognition properties for fluoride of a nanostructured covalently bonded europium hybrid material. Journal of Rare Earths, 2015, 33, 905-910.	2.5	0
40	Sugar based nanotube assembly for the construction of sonication triggered hydrogel: an application of the entrapment of tetracycline hydrochloride. Journal of Materials Chemistry B, 2015, 3, 7366-7371.	2.9	33
41	In situ fabrication of highly organised TiO₂ nanoparticles with photo-catalytic activity in cholesterol-based organogel network. Supramolecular Chemistry, 2015, 27, 533-538.	1.5	0
42	Synthesis and characterization of novel luminescent europium(<scp>iii</scp>) hybrid materials with a host based on titaniaâ€“mesoporous silica or aluminaâ€“mesoporous silica. RSC Advances, 2015, 5, 84790-84796.	1.7	7
43	Tunable and Switchable Control of Luminescence through Multiple Physical Stimulations in Aggregation-Based Monocomponent Systems. ACS Applied Materials & Interfaces, 2015, 7, 24312-24321.	4.0	40
44	Selective and visual Ca²⁺ ion recognition in solution and in a self-assembly organogel of the terpyridine-based derivative triggered by ultrasound. Soft Matter, 2015, 11, 8100-8104.	1.2	24
45	Lanthanide (Eu3+, Tb3+) functionalized SBA-15 through modified hexafluoroacetylacetone linkage: Covalently bonding construction, physical characterization, and luminescent properties. Journal of Materials Research, 2014, 29, 675-683.	1.2	3
46	Intramolecular proton transfer through the adjoining Ï€-conjugated system in Shiff base: Application for colorimetric sensing of fluoride anion. Materials Science and Engineering C, 2014, 40, 467-471.	3.8	8
47	Hydrophobic surface to hold a water droplet by cholesterol-based organogel with solvent-tuned morphologies. New Journal of Chemistry, 2013, 37, 1201.	1.4	10
48	A simple and colorimetric fluoride receptor and its fluoride-responsive organogel. Materials Science and Engineering C, 2012, 32, 1695-1698.	3.8	26
49	Photoactive lanthanide hybrids covalently bonded to functionalized periodic mesoporous organosilica (PMO) by calix[4]arene derivative. Journal of Materials Chemistry, 2011, 21, 1130-1138.	6.7	55
50	Calix[4]arene derivative functionalized lanthanide (Eu, Tb) SBA-15 mesoporous hybrids with covalent bonds: assembly, characterization and photoluminescence. Dalton Transactions, 2011, 40, 6722.	1.6	30
51	Metallic inorganic/organic hybrid system through functionalized Schiff-base linkage: Molecular assembly, characterization and luminescence. Journal of Alloys and Compounds, 2011, 509, 9240-9245.	2.8	9
52	Preparation, characterization and luminescence properties of ternary europium complexes covalently bonded to titania and mesoporous SBA-15. Journal of Materials Chemistry, 2011, 21, 8129.	6.7	29
53	Photoactive lanthanide (Eu3+, Tb3+) centered hybrid systems with titania (alumina)-mesoporous silica based hosts. Journal of Materials Chemistry, 2011, 21, 18454.	6.7	21
54	Lanthanide (Eu³⁺, Tb³⁺) Centered Mesoporous Hybrids with 1,3â€Diphenylâ€1,3â€Propanepione Covalently Linking SBAâ€15 (SBAâ€16) and Poly(methylacrylic acid). Chemistry - an Asian Journal, 2010, 5, 1642-1651.	3.7	30

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55	Luminescent lanthanide (Eu3+, Tb3+) ternary mesoporous hybrids with functionalized Î²-diketones (TTA,) Tj ETQq1 1 0.784314 rgBT /Ov 131, 82-88.	2.2	25
56	Photophysical Properties of a Novel Organicâ€“Inorganic Hybrid Material: Eu(III)â€Î²â€Diketone Complex Covalently Bonded to SiO₂/ZnO Composite Matrix. Photochemistry and Photobiology, 2010, 86, 1008-1015.	1.3	15
57	Photoactive europium(iii) centered mesoporous hybrids with 2-thenoyltrifluoroacetone functionalized SBA-16 and organic polymers. Dalton Transactions, 2010, 39, 2554.	1.6	32
58	Lanthanide (Eu³⁺, Tb³⁺)/Î²-Diketone Modified Mesoporous SBA-15/Organic Polymer Hybrids: Chemically Bonded Construction, Physical Characterization, and Photophysical Properties. Inorganic Chemistry, 2009, 48, 8276-8285.	1.9	92