

# Shao-Lu Li

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,420  
citations

566801

15  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced supramolecular polymers constructed by orthogonal self-assembly. <i>Chemical Society Reviews</i> , 2012, 41, 5950.	18.7	355
2	Real-Time Polymerase Chain Reaction MicroRNA Detection Based on Enzymatic Stem-Loop Probes Ligation. <i>Analytical Chemistry</i> , 2009, 81, 5446-5451.	3.2	194
3	Formation of polypseudorotaxane networks by cross-linking the quadruple hydrogen bonded linear supramolecular polymers via bisparaquat molecules. <i>Chemical Communications</i> , 2011, 47, 10755.	2.2	97
4	Fabrication of antifouling thin-film composite nanofiltration membrane via surface grafting of polyethyleneimine followed by zwitterionic modification. <i>Journal of Membrane Science</i> , 2021, 619, 118564.	4.1	88
5	New linear supramolecular polymers that are driven by the combination of quadruple hydrogen bonding and crown ether-paraquat recognition. <i>Chemical Communications</i> , 2011, 47, 6903.	2.2	85
6	New Light on the Ring-Chain Equilibrium of a Hydrogen-Bonded Supramolecular Polymer Based on a Photochromic Dithienylethene Unit and its Energy Transfer Properties as a Storage Material. <i>Chemistry - A European Journal</i> , 2011, 17, 10716-10723.	1.7	72
7	Novel self-assembled dynamic [2]catenanes interlocked by the quadruple hydrogen bonding ureidopyrimidinone motif. <i>Chemical Science</i> , 2012, 3, 1417.	3.7	66
8	Fabrication of a Novel Nanofiltration Membrane with Enhanced Performance via Interfacial Polymerization through the Incorporation of a New Zwitterionic Diamine Monomer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42846-42855.	4.0	62
9	Quantitative analysis of zeptomole microRNAs based on isothermal ramification amplification. <i>Rna</i> , 2009, 15, 1787-1794.	1.6	56
10	Fabrication of high performance polyamide reverse osmosis membrane from monomer 4-morpholino-m-phenylenediamine and tailoring with zwitterions. <i>Desalination</i> , 2020, 473, 114169.	4.0	56
11	Highly Controllable Ring-Chain Equilibrium in Quadruply Hydrogen Bonded Supramolecular Polymers. <i>Macromolecules</i> , 2012, 45, 9585-9594.	2.2	48
12	Preparation of high performance TFC RO membranes by surface grafting of small-molecule zwitterions. <i>Journal of Membrane Science</i> , 2020, 608, 118209.	4.1	46
13	A high-flux organic solvent nanofiltration membrane with binaphthol-based rigid-flexible microporous structures. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7180-7189.	5.2	40
14	Novel RO membranes fabricated by grafting sulfonamide group: Improving water permeability, fouling resistance and chlorine resistant performance. <i>Journal of Membrane Science</i> , 2022, 641, 119919.	4.1	39
15	High-performance zwitterionic TFC polyamide nanofiltration membrane based on a novel triamine precursor. <i>Separation and Purification Technology</i> , 2020, 251, 117380.	3.9	24
16	Synthesis and gas separation properties of OH-functionalized Tröger's base-based PIMs derived from 1,1'-binaphthalene-2,2'-diol. <i>Polymer</i> , 2020, 193, 122369.	1.8	15
17	Ultra-thin microporous membranes based on macrocyclic pillar[n]arene for efficient organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2022, 655, 120583.	4.1	14
18	Targeted delivery of a guanidine-pendant Pt(IV)-backboned poly-prodrug by an anisamide-functionalized polypeptide. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9546-9557.	2.9	12

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19	Preparation of antifouling TFC RO membranes by facile grafting zwitterionic polymer PEI-CA. Desalination, 2022, 539, 115972.	4.0	12
20	Phosphatase-triggered cell-selective release of a Pt(IV)-backboned prodrug-like polymer for an improved therapeutic index. Biomaterials Science, 2017, 5, 1558-1566.	2.6	11
21	Construction of pseudo-zwitterionic polyamide RO membranes surface by grafting positively charged small molecules. Desalination, 2022, 537, 115892.	4.0	10
22	Synthesis, chemo-selective properties of substituted 9-aryl-9H-fluorenes from triarylcarbinols and enantiomeric kinetics of chiral 9-methoxy-11-(naphthalen-1-yl)-11H-benzo[a]fluorene. RSC Advances, 2013, 3, 9016.	1.7	7
23	Novel Macrocycles Bearing Dithienylethene Units and Urea Functional Groups: Synthesis, Structure and Photochromic Property. Chinese Journal of Chemistry, 2013, 31, 627-634.	2.6	5
24	PEGylated gene carriers in serum under shear flow. Soft Matter, 2020, 16, 2301-2310.	1.2	4
25	Hierarchical porous cellulose membrane tethered with SiO <sub>2</sub> nanoparticles as a sorbent platform for micropollutants removal. Applied Surface Science, 2021, 570, 151111.	3.1	1