Songjun Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91 papers	1,329 citations	21 h-index	31 g-index
95 ext. papers	1,534 ext. citations	4.7 avg, IF	4.9 L-index

#	Paper	IF	Citations
91	Ethylene glycol assisted self-template conversion approach to synthesize hollow NiS microspheres for a high performance all-solid-state supercapacitor. *Materials Chemistry Frontiers*, **2022**, 6, 203-212	7.8	3
90	Self-adaptive Polymer Reactor Made of Flytrap-Inspired Catalytic Bi-layers, Capable of Single-Tandem-Single Triple-Shift Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*, **2022**, 32, 1295	3.2	
89	Stomata-inspired smart bilayer catalyst with the dual-responsive ability, capable of single/tandem catalysis. *Polymer*, **2021**, 234, 124238	3.9	0
88	Self-switchable polymer reactor with PNIPAM-PAm smart switch capable of tandem/simple catalysis. *Polymer*, **2021**, 235, 124265	3.9	4
87	Electrodeposition Polyaniline Nanofiber on the PEDOT:PSS-Coated SiNWs for High Performance Supercapacitors. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 4260	3.2	1
86	Self-healing Polyurethane Elastomer Based on Molecular Design: Combination of Reversible Hydrogen Bonds and High Segment Mobility. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 683-694	3.2	15
85	Approaching high performance PVDF-HFP based solid composite electrolytes with LLTO nanorods for solid-state lithium-ion batteries. *International Journal of Energy Research*, **2021**, 45, 7663-7674	4.5	6
84	Nature-inspired polymer catalyst for formulating on/off-selective catalytic ability, by virtue of recognition/misrecognition-alterable scaffolds. *Journal of Inorganic and Organometallic Polymers and Materials*, **2021**, 31, 2521-2531	3.2	1
83	A novel 3D porous electrode of polyaniline and PEDOT:PSS coated SiNWs for low-cost and high-performance supercapacitors. *Materials Chemistry Frontiers*, **2021**, 5, 6114-6124	7.8	1
82	Glycerol-assisted tuning of the phase and morphology of iron oxide nanostructures for supercapacitor electrode materials. *Materials Chemistry Frontiers*, **2021**, 5, 2758-2770	7.8	6
81	Hierarchical Polymer Composites as Smart Reactor for Formulating Simple/Tandem-Commutative Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 4394-4407	3.2	2
80	A Novel PHEMA-Based Bismuth Oxide Composite with High Photocatalytic Activity. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 4739-4752	3.2	2
79	Towards next generation "smart" tandem catalysts with sandwiched mussel-inspired layer switch. *Materials Today Chemistry*, **2020**, 17, 100286	6.2	4
78	High Capacitive PEDOT-Coated SiNWs Electrode for Micro-supercapacitors with Facile Preparation. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 3722-3734	3.2	3
77	Recent progress in the syntheses and applications of multishelled hollow nanostructures. *Materials Chemistry Frontiers*, **2020**, 4, 1105-1149	7.8	33
76	Boosting the performance of poly(ethylene oxide)-based solid polymer electrolytes by blending with poly(vinylidene fluoride-co-hexafluoropropylene) for solid-state lithium-ion batteries. *International Journal of Energy Research*, **2020**, 44, 7831-7840	4.5	13
75	Stimuli-Responsive Biopolymers: An Inspiration for Synthetic Smart Materials and Their Applications in Self-Controlled Catalysis. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 69-87	3.2	6

74	Artificial Reactor with Alterable Tandem Channeling for the Formation of Self-Screened Catalytic Ability. *Chemical Engineering and Technology*, **2020**, 43, 317-328	2	1
73	Toward high performance solid-state lithium-ion battery with a promising PEO/PPC blend solid polymer electrolyte. *International Journal of Energy Research*, **2020**, 44, 10168-10178	4.5	15
72	Polymer Reactor with Alterable Substrate Channeling for the Formation of Cascade/Non-cascade-Switchable Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 2039-2049	3.2	2
71	Cobalt Oxide Nanoparticles Embedded in N-Doped Porous Carbon as an Efficient Electrode for Supercapacitor. *Energy Technology*, **2019**, 7, 1800963	3.5	19
70	Ceria/reduced Graphene Oxide Nanocomposite: Synthesis, Characterization, and Its Lubrication Application. *ChemistrySelect*, **2019**, 4, 4615-4623	1.8	7
69	Nanoreactor with Core–Shell Architectures Used as Spatiotemporal Compartments for Undisturbed Tandem Catalysis. *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 1235-1242	3.2	5
68	Synthesis of La2(C2O4)3 nanoprisms decorated with Fe3O4@m(ZrO2-CeO2) nanospheres and their application for effective fluoride removal. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 3650-3660	3.5	2
67	Multifunctional electrochemical application of a novel 3D AgInS2/rGO nanohybrid for electrochemical detection and HER. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 3713-3724	3.5	8
66	Biomimetic polymer reactors and their applications in self-ruled catalysis **2019**, 1-31		
65	A pH-Responsive Molecularly Imprinted Hydrogel for Dexamethasone Release. *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 659-666	3.2	12
64	Bamboo shoot skin: turning waste to a valuable adsorbent for the removal of cationic dye from aqueous solution. *Clean Technologies and Environmental Policy*, **2019**, 21, 81-92	4.3	13
63	Surface molecularly imprinted polymers based ZnO quantum dots as fluorescence sensors for detection of diethylhexyl phthalate with high sensitivity and selectivity. *Polymer International*, **2018**, 67, 1003-1010	3.3	9
62	An enzyme-like imprinted-polymer reactor with segregated quantum confinements for a tandem catalyst.. *RSC Advances*, **2018**, 8, 1610-1620	3.7	17
61	Hierarchically-structured SiO-Ag@TiO hollow spheres with excellent photocatalytic activity and recyclability. *Journal of Hazardous Materials*, **2018**, 354, 17-26	12.8	54
60	Highly sensitive and selective ion-imprinted polymers based on one-step electrodeposition of chitosan-graphene nanocomposites for the determination of Cr(VI). *Carbohydrate Polymers*, **2018**, 195, 199-206	10.3	43
59	Polymer Composite Reactor with Autonomous Access for Aquatically Self-Governed Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*, **2018**, 28, 1511-1519	3.2	
58	Progress on electrochemical sensors for the determination of heavy metal ions from contaminated water. *Journal of the Chinese Advanced Materials Society*, **2018**, 6, 91-111		22
57	Antimicrobial and antioxidant capacity of glucosamine-zinc(II) complex via non-enzymatic browning reaction. *Food Science and Biotechnology*, **2018**, 27, 1-7	3	19

56	Novel Thermosensitive Core?Shell Surface Molecularly Imprinted Polymers Based on SiO for the Selective Adsorption of Sulfamethazine. *Materials*, **2018**, 11,	3.5	3
55	Smart Tandem Catalyst Developed with Sundew's Predation Strategy, Capable of Catching, Decomposing and Assimilating Preys. *ChemCatChem*, **2018**, 10, 5231-5241	5.2	12
54	A Novel Electrochemical Sensor Based on Silver Nanodendrites and Molecularly Imprinted Polymers for the Determination of Tetrabromobisphenol A in Water. *Electroanalysis*, **2018**, 30, 2950-2958	3	7
53	The orientational orders of poly(phenethyl l-aspartate) in two opposite helical form: a molecular dynamic simulation. *Monatshefte Für Chemie*, **2017**, 148, 1251-1258	1.4	5
52	Facile Fabrication of Mn2+ Doped Magnetite Microspheres as Efficient Electrode Material for Supercapacitors. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 542-551	3.2	21
51	Segmental dynamics in interfacial region of composite materials. *Monatshefte Für Chemie*, **2017**, 148, 1285-1293	1.4	12
50	Relaxation and Crystallization of Oriented Polymer Melts with Anisotropic Filler Networks. *Journal of Physical Chemistry B*, **2017**, 121, 1426-1437	3.4	27
49	Artificial Active Nanoreactor with Nature-Inspired Sequential Catalytic Ability. *ChemistrySelect*, **2017**, 2, 6149-6153	1.8	10
48	A magnetic fluorescence molecularly imprinted polymer sensor with selectivity for dibutyl phthalate via Mn doped ZnS quantum dots. *RSC Advances*, **2017**, 7, 51632-51639	3.7	14
47	An investigation on the graphitic carbon nitride reinforced polyimide composite and evaluation of its tribological properties. *Journal of Applied Polymer Science*, **2017**, 134, 45403	2.9	22
46	Remarkable improvement of thermal stability of main-chain benzoxazine oligomer by incorporating o-norbornene as terminal functionality. *Journal of Applied Polymer Science*, **2017**, 134, 45408	2.9	25
45	High photocatalytic activity of hierarchical SiO@C-doped TiO hollow spheres in UV and visible light towards degradation of rhodamine B. *Journal of Hazardous Materials*, **2017**, 340, 309-318	12.8	64
44	Preparation of a novel magnetic and thermo-responsive composite and its application in drug release. *Monatshefte Für Chemie*, **2017**, 148, 1205-1213	1.4	4
43	Online/Offline Shiftable Imprinted Polymer Nanoreactor with Selective/Nonselective-Switchable Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*, **2017**, 27, 21-30	3.2	1
42	A smart nanoreactor with photo-responsive molecular switches for controlling catalytic reactions. *Journal of Materials Chemistry C*, **2016**, 4, 4748-4755	7.1	10
41	Improved Work Function of Poly(3,4-ethylenedioxythiophene): Poly(styrenesulfonic acid) and its Effect on Hybrid Silicon/Organic Heterojunction Solar Cells. *Nanoscale Research Letters*, **2016**, 11, 532	5	15
40	Switchable polymer reactor composed of mussel-inspired polymer that contains Au nanoparticles. *RSC Advances*, **2016**, 6, 42869-42875	3.7	12
39	Polymer Nanoreactor with Mobility-Recalling Domains for On/Off Switchable Catalysis. *ChemCatChem*, **2015**, 7, 814-818	5.2	8

38	Catalytic polymer reactor with self-sorting domains for hierarchical catalysis. *RSC Advances*, **2015**, 5, 34985-34991	3.7	7
37	Facile solvothermal synthesis of porous ZnFe2O4 microspheres for capacitive pseudocapacitors. *RSC Advances*, **2015**, 5, 39270-39277	3.7	65
36	A Cascade-Reaction Nanoreactor Composed of a Bifunctional Molecularly Imprinted Polymer that Contains Pt Nanoparticles. *Chemistry - A European Journal*, **2015**, 21, 7532-9	4.8	27
35	Polymer catalyst with self-assembled hierarchical access for sortable catalysis. *Journal of Catalysis*, **2015**, 331, 49-56	7.3	17
34	An autonomic and off on off switchable polymer microreactor. *RSC Advances*, **2015**, 5, 5598-5603	3.7	12
33	One-step hydrothermal synthesis of carbon@Fe3O4 nanoparticles with high adsorption capacity. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 1381-1387	2.1	9
32	A Catalytic and Shape-Memory Polymer Reactor. *Advanced Functional Materials*, **2014**, 24, 4996-5001	15.6	34
31	An active and self-switchable nanoreactor. *Polymer Chemistry*, **2014**, 5, 562-566	4.9	15
30	A soft shape memory reactor with controllable catalysis characteristics. *RSC Advances*, **2014**, 4, 32063-32067	3.7	2
29	Titanium catalyst with the molecular imprinting of substrate for selective photocatalysis. *Journal of the Chinese Advanced Materials Society*, **2014**, 2, 71-81		6
28	Key-vs.-Lock Like Polymer Reactor Made of Molecularly Imprinted Polymer Containing Metal Nanoparticles. *Journal of Inorganic and Organometallic Polymers and Materials*, **2014**, 24, 890-897	3.2	11
27	Self-switchable catalysis by a nature-inspired polymer nanoreactor containing Pt nanoparticles. *Journal of Materials Chemistry A*, **2014**, 2, 6834-6839	13	27
26	A successive-reaction nanoreactor made of active molecularly imprinted polymer containing Ag nanoparticles. *Journal of Materials Chemistry A*, **2013**, 1, 15102	13	25
25	On/off switchable catalysis by a smart enzyme-like imprinted polymer. *Journal of Catalysis*, **2011**, 278, 173-180	7.3	51
24	A Catalytic and Positively Thermosensitive Molecularly Imprinted Polymer. *Advanced Functional Materials*, **2011**, 21, 1194-1200	15.6	61
23	A Zipper-Like On/Off-Switchable Molecularly Imprinted Polymer. *Advanced Functional Materials*, **2011**, 21, 3344-3349	15.6	52
22	Vacuum-Deposited Thin Film of Aniline Formaldehyde Condensate/WO3 nH2O Nanocomposite for NO2 Gas Sensor. *Journal of Inorganic and Organometallic Polymers and Materials*, **2010**, 20, 380-386	3.2	14
21	A temperature-responsive nanoreactor. *Small*, **2010**, 6, 2453-9	11	38

20	A Highly Substrate-Selective Metal Nanoreactor Using a Template-Imprinted Memory. *Journal of Inorganic and Organometallic Polymers and Materials*, **2009**, 19, 335-341	3.2	5
19	Modulated molecular recognition by a temperature-sensitive molecularly-imprinted polymer. *Journal of Polymer Science Part A*, **2009**, 47, 2352-2360	2.5	35
18	Vacuum-Deposited Poly(o-phenylenediamine)/WO3·hH2O Nanocomposite Thin Film for NO2 Gas Sensor. *Polymer Journal*, **2009**, 41, 726-732	2.7	13
17	A positively temperature-responsive, substrate-selective Ag nanoreactor. *Journal of Physical Chemistry B*, **2009**, 113, 16501-7	3.4	19
16	Molecularly Imprinted Polymers: Thermodynamic and Kinetic Considerations on the Specific Sorption and Molecular Recognition. *Sensors*, **2008**, 8, 2854-2864	3.8	23
15	Rationally Designing Active Molecularly Imprinted Polymer Toward a Highly Specific Catalyst by Using Metal as an Assembled Pivot. *Journal of Inorganic and Organometallic Polymers and Materials*, **2008**, 18, 264-271	3.2	15
14	Rationally Designing Molecularly Imprinted Polymers Toward a Highly Specific Recognition by Using a Stoichiometric Molecular Self-assembly. *Journal of Inorganic and Organometallic Polymers and Materials*, **2008**, 18, 277-283	3.2	9
13	Molecular Recognition and Catalysis by Molecularly Imprinted Polymer Catalysts: Thermodynamic and Kinetic Surveys on the Specific Behaviors. *Journal of Inorganic and Organometallic Polymers and Materials*, **2008**, 18, 426-433	3.2	25
12	Molecularly imprinted polymers: modulating molecular recognition by a thermal phase transition in the binding framework. *Analytical and Bioanalytical Chemistry*, **2008**, 392, 177-85	4.4	9
11	Rationally designing molecularly imprinted polymer towards predetermined high selectivity by using metal as assembled pivot. *Macromolecular Bioscience*, **2007**, 7, 1112-20	5.5	21
10	Thermodynamic and Kinetic Considerations on the Specific Adsorption and Molecular Recognition by Molecularly Imprinted Polymer. *Journal of Inorganic and Organometallic Polymers and Materials*, **2007**, 17, 623-629	3.2	12
9	High-throughput Screening: Establishing Mathematical and Physical Models for Bio-target Immobilization. *Journal of Mathematical Chemistry*, **2007**, 41, 271-282	2.1	4
8	Biomimic recognition and catalysis by an imprinted catalysts: a rational design of molecular self-assembly toward predetermined high specificity. *Catalysis Letters*, **2007**, 115, 169-175	2.8	17
7	Selective Adsorption and Recognition by Molecularly Imprinted Polymer: A Study on Molecular Self-Assembly and its Effect on Selectivity. *Polymer-Plastics Technology and Engineering*, **2007**, 46, 613-619		7
6	Establishing mathematical and physical models for the adsorption of biomacromolecules. *Applied Biochemistry and Biotechnology*, **2006**, 134, 165-78	3.2	6
5	A common profile for polymer-based controlled releases and its logical interpretation to general release process. *Journal of Pharmacy and Pharmaceutical Sciences*, **2006**, 9, 238-44	3.4	16
4	Dual-Responsive Bilayer Reactor Capable of Non-Tandem/Tandem Adjustable Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*,1	3.2	
3	"living"Imprinted-Polymer Reactor Containing Sea Cucumber-Inspired Dynamic Domains for Evoking Selectivity-Online/Offline Catalytic Ability. *Journal of Inorganic and Organometallic Polymers and Materials*,1	3.2	

2	Polymer Catalyst with Photo-Mediated Catalytic Ability, by Virtue of Cis/Trans-Alterable Conformation. *Journal of Inorganic and Organometallic Polymers and Materials*,1	3.2	
1	A Novel Bi2O3 Modified C-doped Hollow TiO2 Sphere Based on Glucose-derived Carbon Sphere with Enhanced Visible Light Photocatalytic Activity. *Journal of Inorganic and Organometallic Polymers and Materials*,1	3.2	0