Songjun Li

List of Publications by Year
in descending order

94	1,719	236612 25	344852 36
papers	citations	h-index	g-index

95	95	95	1949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile solvothermal synthesis of porous ZnFe₂O₄ microspheres for capacitive pseudocapacitors. RSC Advances, 2015, 5, 39270-39277.	1.7	88
2	High photocatalytic activity of hierarchical SiO2@C-doped TiO2 hollow spheres in UV and visible light towards degradation of rhodamine B. Journal of Hazardous Materials, 2017, 340, 309-318.	6.5	79
3	Hierarchically-structured SiO2-Ag@TiO2 hollow spheres with excellent photocatalytic activity and recyclability. Journal of Hazardous Materials, 2018, 354, 17-26.	6.5	69
4	A Catalytic and Positively Thermosensitive Molecularly Imprinted Polymer. Advanced Functional Materials, 2011, 21, 1194-1200.	7.8	65
5	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.	5.1	61
6	â€˜On/offâ€™-switchable catalysis by a smart enzyme-like imprinted polymer. Journal of Catalysis, 2011, 278, 173-180.	3.1	57
7	Recent progress in the syntheses and applications of multishelled hollow nanostructures. Materials Chemistry Frontiers, 2020, 4, 1105-1149.	3.2	55
8	A Zipperâ€Like On/Offâ€Switchable Molecularly Imprinted Polymer. Advanced Functional Materials, 2011, 21, 3344-3349.	7.8	54
9	Toward high performance solidâ€state lithiumâ€ion battery with a promising <scp>PEO</scp> / <scp>PPC</scp> blend solid polymer electrolyte. International Journal of Energy Research, 2020, 44, 10168-10178.	2.2	47
10	A Temperatureâ€Responsive Nanoreactor. Small, 2010, 6, 2453-2459.	5.2	40
11	Modulated molecular recognition by a temperatureâ€sensitive molecularlyâ€imprinted polymer. Journal of Polymer Science Part A, 2009, 47, 2352-2360.	2.5	39
12	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.	0.7	37
13	A Catalytic and Shapeâ€Memory Polymer Reactor. Advanced Functional Materials, 2014, 24, 4996-5001.	7.8	36
14	An investigation on the graphitic carbon nitride reinforced polyimide composite and evaluation of its tribological properties. Journal of Applied Polymer Science, 2017, 134, 45403.	1.3	33
15	Relaxation and Crystallization of Oriented Polymer Melts with Anisotropic Filler Networks. Journal of Physical Chemistry B, 2017, 121, 1426-1437.	1.2	30
16	Cobalt Oxide Nanoparticles Embedded in Nâ€Doped Porous Carbon as an Efficient Electrode for Supercapacitor. Energy Technology, 2019, 7, 1800963.	1.8	30
17	Boosting the performance of poly(ethylene oxide)â€based solid polymer electrolytes by blending with poly(vinylidene fluorideâ€coâ€hexafluoropropylene) for solidâ€state lithiumâ€ion batteries. International Journal of Energy Research, 2020, 44, 7831-7840.	2.2	29
18	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.	1.9	28

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19	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.	1.9	27
20	Molecularly Imprinted Polymers: Thermodynamic and Kinetic Considerations on the Specific Sorption and Molecular Recognition. Sensors, 2008, 8, 2854-2864.	2.1	27
21	Self-switchable catalysis by a nature-inspired polymer nanoreactor containing Pt nanoparticles. Journal of Materials Chemistry A, 2014, 2, 6834-6839.	5.2	27
22	A Cascadeâ€Reaction Nanoreactor Composed of a Bifunctional Molecularly Imprinted Polymer that Contains Pt Nanoparticles. Chemistry - A European Journal, 2015, 21, 7532-7539.	1.7	27
23	Remarkable improvement of thermal stability of mainâ€chain benzoxazine oligomer by incorporating oâ€norbornene as terminal functionality. Journal of Applied Polymer Science, 2017, 134, 45408.	1.3	27
24	A successive-reaction nanoreactor made of active molecularly imprinted polymer containing Ag nanoparticles. Journal of Materials Chemistry A, 2013, 1, 15102.	5.2	26
25	Antimicrobial and antioxidant capacity of glucosamine-zinc(II) complex via non-enzymatic browning reaction. Food Science and Biotechnology, 2018, 27, 1-7.	1.2	25
26	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.	1.9	24
27	A pH-Responsive Molecularly Imprinted Hydrogel for Dexamethasone Release. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 659-666.	1.9	23
28	Rationally Designing Molecularly Imprinted Polymer towards Predetermined High Selectivity by Using Metal as Assembled Pivot. Macromolecular Bioscience, 2007, 7, 1112-1120.	2.1	22
29	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.	3.1	22
30	A magnetic fluorescence molecularly imprinted polymer sensor with selectivity for dibutyl phthalate via Mn doped ZnS quantum dots. RSC Advances, 2017, 7, 51632-51639.	1.7	22
31	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.	2.1	21
32	An enzyme-like imprinted-polymer reactor with segregated quantum confinements for a tandem catalyst. RSC Advances, 2018, 8, 1610-1620.	1.7	20
33	A Positively Temperature-Responsive, Substrate-Selective Ag Nanoreactor. Journal of Physical Chemistry B, 2009, 113, 16501-16507.	1.2	19
34	Vacuum-Deposited Thin Film of Anilineâ€“Formaldehyde Condensate/WO3Â·nH2O Nanocomposite for NO2 Gas Sensor. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 380-386.	1.9	19
35	Polymer catalyst with self-assembled hierarchical access for sortable catalysis. Journal of Catalysis, 2015, 331, 49-56.	3.1	18
36	Ceria/reduced Graphene Oxide Nanocomposite: Synthesis, Characterization, and Its Lubrication Application. ChemistrySelect, 2019, 4, 4615-4623.	0.7	18

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37	Approaching high performance<scp>PVDFâ€HFP</scp>based solid composite electrolytes with<scp>LLTO</scp>nanorods for solidâ€state lithiumâ€ion batteries. International Journal of Energy Research, 2021, 45, 7663-7674.	2.2	18
38	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.	0.9	18
39	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.	1.4	17
40	Glycerol-assisted tuning of the phase and morphology of iron oxide nanostructures for supercapacitor electrode materials. Materials Chemistry Frontiers, 2021, 5, 2758-2770.	3.2	17
41	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.	1.9	16
42	An â€œactiveâ€•and self-switchable nanoreactor. Polymer Chemistry, 2014, 5, 562-566.	1.9	15
43	Vacuum-Deposited Poly(o-phenylenediamine)/WO3Â·nH2O Nanocomposite Thin Film for NO2 Gas Sensor. Polymer Journal, 2009, 41, 726-732.	1.3	14
44	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.	1.6	13
45	Smart Tandem Catalyst Developed with Sundew's Predation Strategy, Capable of Catching, Decomposing and Assimilating Preys. ChemCatChem, 2018, 10, 5231-5241.	1.8	13
46	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.	1.9	12
47	An autonomic and â€œoffâ€“onâ€“offâ€•switchable polymer microreactor. RSC Advances, 2015, 5, 5598-5603.	1.7	12
48	Switchable polymer reactor composed of mussel-inspired polymer that contains Au nanoparticles. RSC Advances, 2016, 6, 42869-42875.	1.7	12
49	Segmental dynamics in interfacial region of composite materials. Monatshefte FÃ¼r Chemie, 2017, 148, 1285-1293.	0.9	12
50	â€œKey-vs.-Lockâ€•Like Polymer Reactor Made of Molecularly Imprinted Polymer Containing Metal Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 890-897.	1.9	11
51	Towards next generation â€œsmartâ€•tandem catalysts with sandwiched mussel-inspired layer switch. Materials Today Chemistry, 2020, 17, 100286.	1.7	11
52	Molecularly imprinted polymers: modulating molecular recognition by a thermal phase transition in the binding framework. Analytical and Bioanalytical Chemistry, 2008, 392, 177-185.	1.9	10
53	A smart nanoreactor with photo-responsive molecular switches for controlling catalytic reactions. Journal of Materials Chemistry C, 2016, 4, 4748-4755.	2.7	10
54	Artificial Active Nanoreactor with Natureâ€Inspired Sequential Catalytic Ability. ChemistrySelect, 2017, 2, 6149-6153.	0.7	10

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55	Novel Thermosensitive Coreâ€“Shell Surface Molecularly Imprinted Polymers Based on SiO2 for the Selective Adsorption of Sulfamethazine. Materials, 2018, 11, 2067.	1.3	10
56	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.	1.9	9
57	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.	1.9	9
58	One-step hydrothermal synthesis of carbon@Fe3O4 nanoparticles with high adsorption capacity. Journal of Materials Science: Materials in Electronics, 2014, 25, 1381-1387.	1.1	9
59	Multifunctional electrochemical application of a novel 3D AgInS 2 /rGO nanohybrid for electrochemical detection and HER. Journal of Chemical Technology and Biotechnology, 2019, 94, 3713-3724.	1.6	9
60	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.	3.2	9
61	Polymer Nanoreactor with â€œMobility-Recallingâ€•Domains for On/Off Switchable Catalysis. ChemCatChem, 2015, 7, 814-818.	1.8	8
62	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.	1.9	8
63	Self-switchable polymer reactor with PNIPAM-PAm smart switch capable of tandem/simple catalysis. Polymer, 2021, 235, 124265.	1.8	8
64	Titanium catalyst with the molecular imprinting of substrate for selective photocatalysis. Journal of the Chinese Advanced Materials Society, 2014, 2, 71-81.	0.7	7
65	Catalytic polymer reactor with â€œself-sortingâ€•domains for hierarchical catalysis. RSC Advances, 2015, 5, 34985-34991.	1.7	7
66	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.	1.5	7
67	High Capacitive PEDOT-Coated SiNWs Electrode for Micro-supercapacitors with Facile Preparation. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3722-3734.	1.9	7
68	Electrodeposition Polyaniline Nanofiber on the PEDOT:PSS-Coated SiNWs for High Performance Supercapacitors. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 4260-4271.	1.9	7
69	In situ formation of MnO@N-doped carbon for asymmetric supercapacitor with enhanced cycling performance. Materials Chemistry Frontiers, 2022, 6, 491-502.	3.2	7
70	Establishing Mathematical and Physical Models for the Adsorption of Biomacromolecules. Applied Biochemistry and Biotechnology, 2006, 134, 165-178.	1.4	6
71	Nanoreactor with Coreâ€“Shell Architectures Used as Spatiotemporal Compartments for â€œUndisturbedâ€•Tandem Catalysis. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1235-1242.	1.9	6
72	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.	3.2	6

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73	A Highly Substrate-Selective Metal Nanoreactor Using a Template-Imprinted Memory. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 335-341.	1.9	5
74	The orientational orders of poly(Î²-phenethyl l-aspartate) in two opposite Î±-helical form: a molecular dynamic simulation. Monatshefte FÃ¼r Chemie, 2017, 148, 1251-1258.	0.9	5
75	Synthesis of La₂(C₂O₄)₃ nanoprisms decorated with Fe₃O₄@m(ZrO₂â€CeO₂) nanospheres and their application for effective fluoride removal. Journal of Chemical Technology and Biotechnology, 2019, 94, 3650-3660.	1.6	5
76	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, 2022, 32, 2298-2308.	1.9	5
77	High-throughput Screening: Establishing Mathematical and Physical Models for Bio-target Immobilization. Journal of Mathematical Chemistry, 2007, 41, 271-282.	0.7	4
78	Preparation of a novel magnetic and thermo-responsive composite and its application in drug release. Monatshefte FÃ¼r Chemie, 2017, 148, 1205-1213.	0.9	4
79	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.	1.9	4
80	A soft shape memory reactor with controllable catalysis characteristics. RSC Advances, 2014, 4, 32063-32067.	1.7	3
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.	1.9	3
82	Stomata-inspired smart bilayer catalyst with the dual-responsive ability, capable of single/tandem catalysis. Polymer, 2021, 234, 124238.	1.8	3
83	A Novel PHEMA-Based Bismuth Oxide Composite with High Photocatalytic Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4739-4752.	1.9	2
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.	1.9	2
85	â€œOnline/Offlineâ€•Shiftable Imprinted Polymer Nanoreactor with Selective/Nonselective-Switchable Catalytic Ability. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 21-30.	1.9	1
86	A Self-Switchable Polymer Reactor for Controlled Catalytic Chemistry Processes with a Hyperbranched Structure. Materials, 2018, 11, 245.	1.3	1
87	Artificial Reactor with Alterable Tandem Channeling for the Formation of Selfâ€Screened Catalytic Ability. Chemical Engineering and Technology, 2020, 43, 317-328.	0.9	1
88	Polymer Composite Reactor with â€œAutonomousâ€•Access for Aquatically Self-Governed Catalytic Ability. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1511-1519.	1.9	0
89	Biomimetic polymer reactors and their applications in self-ruled catalysis. , 2019, , 1-31.		0
90	â€œLivingâ€•Imprinted-Polymer Reactor Containing Sea Cucumber-Inspired Dynamic Domains for Evoking Selectivity-Online/Offline Catalytic Ability. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 229-239.	1.9	0

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91	Dual-Responsive Bilayer Reactor Capable of Non-Tandem/Tandem Adjustable Catalytic Ability. Journal of Inorganic and Organometallic Polymers and Materials, 0, , 1.	1.9	0
92	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, 1295-1305.	1.9	0
93	Polymer Catalyst with Photo-Mediated Catalytic Ability, by Virtue of Cis/Trans-Alterable Conformation. Journal of Inorganic and Organometallic Polymers and Materials, 0, , 1.	1.9	0
94	Polymer Catalyst with Double "Zipper" Conformations for Formatting Catalytic Substrate-Sieving Ability. Journal of Inorganic and Organometallic Polymers and Materials, 0, , .	1.9	0