

# Ren-Hua Jin

## List of Publications by Citations

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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.

60  
papers

943  
citations

16  
h-index

28  
g-index

64  
ext. papers

998  
ext. citations

5.1  
avg, IF

4.8  
L-index

#	Paper	IF	Citations
60	Synthesis of poly(ethyleneimine)s-silica hybrid particles with complex shapes and hierarchical structures. <i>Chemical Communications</i> , <b>2005</b> , 1399-401	5.8	77
59	Fibrous crystalline hydrogels formed from polymers possessing a linear poly(ethyleneimine) backbone. <i>Langmuir</i> , <b>2005</b> , 21, 3136-45	4	64
58	Simple Synthesis of Hierarchically Structured Silicas by Poly(ethyleneimine) Aggregates Pre-Organized by Media Modulation. <i>Macromolecular Chemistry and Physics</i> , <b>2005</b> , 206, 2160-2170	2.6	63
57	Fabrication of silver porous frameworks using poly(ethyleneimine) hydrogel as a soft sacrificial template. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 4513		61
56	Biomimetically Controlled Formation of Nanotextured Silica/Titania Films on Arbitrary Substrates and Their Tunable Surface Function. <i>Advanced Materials</i> , <b>2009</b> , 21, 3750-3753	24	56
55	Water soluble star block poly(oxazoline) with porphyrin label: a unique emulsion and its shape direction. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 320		49
54	High-temperature-resistant chiral silica generated on chiral crystalline templates at neutral pH and ambient conditions. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5862-5	16.4	40
53	Shaped Silicas Transcribed from Aggregates of Four-Armed Star Polyethyleneimine with a Benzene Core. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3390-3396	9.6	38
52	Biomimetic synthesis of shaped and chiral silica entities templated by organic objective materials. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7196-214	4.8	37
51	Self-Assembly of Porphyrin-Centered Amphiphilic Star Block Copolymer into Polymeric Vesicular Aggregates. <i>Macromolecular Chemistry and Physics</i> , <b>2003</b> , 204, 403-409	2.6	28
50	Circularly Polarized Luminescence from Inorganic Materials: Encapsulating Guest Lanthanide Oxides in Chiral Silica Hosts. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6519-6524	4.8	27
49	Polyethyleneimine aggregates regulated by metal cations acting as biomimetic organic reactors for silica architectures. <i>Small</i> , <b>2007</b> , 3, 394-8	11	23
48	Synthesis of free-standing sub-10 nm Y <sub>2</sub> O <sub>3</sub> :Eu particles on silica nanowire matrix and amplified luminescence performance. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 477-483	7.1	20
47	Colloidal crystalline polymer generated in situ from growing star poly(oxazolines). <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 672-675		18
46	Porphyrin-centered Water-soluble Star-shaped Polymers: Poly(N-acetylenimine) and Poly(ethylenimine) Arms. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>1999</b> , 03, 60-64	1.8	18
45	Temporally and spatially controlled silicification for self-generating polymer@silica hybrid nanotube on substrates with tunable film nanostructure. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5080		16
44	Chiral Plasmonic Nanoparticle Assisted Raman Enantioselective Recognition. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8015-8020	7.8	15

43	Bioinspired synthesis of continuous titania coat with tunable nanofiber-based network structure on linear polyethyleneimine-covered substrates. <i>Langmuir</i> , <b>2010</b> , 26, 4212-8	4	15
42	Polyamine@silica hybrid nanoglass: biomimetic fabrication, structure characterization and surface functionalization. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 10720		14
41	Transfer of Chiral Information from Silica Hosts to Achiral Luminescent Guests: a Simple Approach to Accessing Circularly Polarized Luminescent Systems. <i>ChemPlusChem</i> , <b>2020</b> , 85, 619-626	2.8	14
40	Self-directing chiral information in solid-solid transformation: unusual chiral-transfer without racemization from amorphous silica to crystalline silicon. <i>Nanoscale Horizons</i> , <b>2017</b> , 2, 147-155	10.8	13
39	Unexpected "Hammerlike Liquid" to Pulverize Silica Powders to Stable Sols and Its Application in the Preparation of Sub-10 nm SiO Hybrid Nanoparticles with Chirality. <i>ACS Omega</i> , <b>2017</b> , 2, 1431-1440	3.9	13
38	Synthesis of comb-like poly(ethyleneimine)s and their application in biomimetic silicification. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 2255-2263	4.9	12
37	Functional polymeric micelles formed from a novel cationic star block copolymer. <i>ChemPhysChem</i> , <b>2003</b> , 4, 1118-21	3.2	12
36	High-Temperature-Resistant Chiral Silica Generated on Chiral Crystalline Templates at Neutral pH and Ambient Conditions. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5964-5967	3.6	11
35	Hierarchically Structured Silica from Mediation of Linear Poly(ethyleneimine) Incorporated with Acidic/Basic Additives. <i>Polymer Journal</i> , <b>2007</b> , 39, 464-470	2.7	11
34	Polycondensation and carbonization of phenolic resin on structured nano/chiral silicas: reactions, morphologies and properties. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 626-634	7.3	10
33	Nanosheet-stacked chiral silica transcribed from metal ion- and pH-tuned supramolecular crystalline complexes of polyamine-D-glucarate. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1134-45	4.8	10
32	Controlled synthesis and tunable properties of ultrathin silica nanotubes through spontaneous polycondensation on polyamine fibrils. <i>Beilstein Journal of Nanotechnology</i> , <b>2013</b> , 4, 793-804	3	10
31	Turbine-like structured silica transcribed simply by pre-structured crystallites of linear poly(ethyleneimine) bounded with metal ions. <i>CrystEngComm</i> , <b>2009</b> , 11, 2695	3.3	10
30	Understanding Silica from the Viewpoint of Asymmetry. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 6270-6283	4.83	10
29	Linear-Polyethyleneimine-Templated Synthesis of N-Doped Carbon Nanonet Flakes for High-performance Supercapacitor Electrodes. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	9
28	Silane catecholates: versatile tools for self-assembled dynamic covalent bond chemistry. <i>Chemical Communications</i> , <b>2019</b> , 55, 6066-6069	5.8	9
27	Chiral SiO <sub>2</sub> and Ag@SiO <sub>2</sub> Materials Templated by Complexes Consisting of Comblike Polyethyleneimine and Tartaric Acid. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15667-75	4.8	9
26	Sub-5 $\mu$ m balls possessing forest-like poly(methyloxazoline)/polyethyleneimine side chains and templated silica microballs with unusual internal structures. <i>RSC Advances</i> , <b>2017</b> , 7, 36302-36312	3.7	8

25	Double Chiral Hybrid Materials: Formation of Chiral Phenolic Resins on Polyamine-associated Chiral Silica. <i>Chemistry Letters</i> , <b>2017</b> , 46, 1518-1521	1.7	8
24	Silica-polyoxazoline hybrid with nanosized hollow enclosing porphyrin in hybrid walls. <i>Chemical Communications</i> , <b>2002</b> , 198-9	5.8	8
23	Shaped crystalline aggregates of comb-like polyethyleneimine for biomimetic synthesis of inorganic silica materials. <i>Polymer</i> , <b>2016</b> , 86, 120-128	3.9	7
22	Poly(N-cyanoethylethylenimine): a new nanoscale template for biomimetic silicification. <i>Chemical Communications</i> , <b>2014</b> , 50, 10793-6	5.8	7
21	Bent silica nanosheets directed from crystalline templates controlled by proton donors. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 683-691	2.3	7
20	Polyamine-Promoted Growth of One-Dimensional Nanostructure-Based Silica and Its Feature in Catalyst Design. <i>Materials</i> , <b>2012</b> , 5, 1787-1799	3.5	6
19	Unusual chirality transfer from silica to metallic nanoparticles with formation of distorted atomic array in crystal lattice structure. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 581-591	5.1	5
18	Synthesis and Thermo-responsiveness of Double Hydrophilic Block Copolymers with PNIPAM Coils and Poly(methyloxazoline)/Poly(ethyleneimine) Combs. <i>Chemistry Letters</i> , <b>2019</b> , 48, 647-650	1.7	5
17	A unique polymersome covered by loop-cluster polyamine corona.. <i>RSC Advances</i> , <b>2020</b> , 10, 13260-13266	3.7	5
16	Simple and Efficient Aqueous Process for Nanostructured Fibrous TiO <sub>2</sub> Regulated by Linear Polyethyleneimine Aggregates. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 476-482	2.3	5
15	Chiroptical phenolic resins grown on chiral silica-bonded amine residues. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3535-3546	4.9	4
14	Polydopamine/Silver Substrates Stemmed from Chiral Silica for SERS Differentiation of Amino Acid Enantiomers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29868-29875	9.5	4
13	Chirality Detection by Raman Spectroscopy: The Case of Enantioselective Interactions between Amino Acids and Polymer-Modified Chiral Silica. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14292-14296	7.8	4
12	Synthesis and self-assembly of amphiphilic comb-copolymers possessing polyethyleneimine and its derivatives: Site-selective formation of loop-cluster covered vesicles and flower micelles. <i>Polymer</i> , <b>2021</b> , 212, 123289	3.9	4
11	Chiral Nucleating Agents Affecting the Handedness of Lamellar Twist in the Banded Spherulites in Poly( $\epsilon$ -Caprolactone)/Poly(Vinyl Butyral) Blends. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 871-874	6.6	3
10	Theophylline-bearing microspheres with dual features as a coordinative adsorbent and catalytic support for palladium ions.. <i>RSC Advances</i> , <b>2018</b> , 8, 34505-34513	3.7	3
9	Convenient chirality transfer from organics to titania: construction and optical properties.. <i>RSC Advances</i> , <b>2018</b> , 8, 15951-15960	3.7	2
8	Free-standing disk mold crystalline polyethyleneimine gels: physical properties and chemical function in mineralization. <i>Colloid and Polymer Science</i> , <b>2017</b> , 295, 1585-1594	2.4	2

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| 7 | Microflowers formed by complexation-driven self-assembly between palladium(ii) and bis-theophyllines: immortal catalyst for C-C cross-coupling reactions.. <i>RSC Advances</i> , <b>2021</b> , 11, 35311-35320                                     | 3.7 | 1 |
| 6 | A Unique Nano-Capsule Possessing Inner Thermo-Responsive Surface Prepared from a Toothbrush-Like CombCoil Block Copolymer. <i>Macromolecular Chemistry and Physics</i> , <b>2021</b> , 222, 2100174  | 2.6 | 1 |
| 5 | Biomimetic silica deposition promoted by sub-5 nm complexes of dicarboxylic acids/polyethyleneimine microballs: a new approach to tuning silica structures using messenger-like dicarboxylic acids. <i>RSC Advances</i> , <b>2018</b> , 8, 435-443 | 3.7 | 0 |
| 4 | Photoluminescent polymer micelles with thermo-/pH-/metal responsibility and their features in selective optical sensing of Pd(ii) cations.. <i>RSC Advances</i> , <b>2022</b> , 12, 5720-5731  | 3.7 | 0 |
| 3 | Circularly Polarized Luminescence from Inorganic Materials: Encapsulating Guest Lanthanide Oxides in Chiral Silica Hosts. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6483-6483  | 4.8 |   |
| 2 | Novel Process to Conductive Silver Nanowires Film via Simple Evaporative Crystallization of Silver Acetate/Polymer Solution on Substrates. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2002001   | 4.6 |   |
| 1 | Chiroptical Cross-Linked Polymers Grown via Radical Polymerization around Chiral Nanosilica. <i>Macromolecular Chemistry and Physics</i> , <b>2021</b> , 222, 2000436  | 2.6 |   |