

# Ren-Hua Jin

## List of Publications by Year in descending order

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61  
papers

1,079  
citations

471509

17  
h-index

454955

30  
g-index

64  
all docs

64  
docs citations

64  
times ranked

975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescent polymer micelles with thermo-/pH-/metal responsibility and their features in selective optical sensing of Pd(II) cations. RSC Advances, 2022, 12, 5720-5731.	3.6	1
2	Crystalline lamellar films with honeycomb structure from comb-like polymers of poly(2-long-alkyl-2-oxazoline)s. Journal of Colloid and Interface Science, 2022, 627, 28-39.	9.4	2
3	Synthesis and self-assembly of amphiphilic comb-copolymers possessing polyethyleneimine and its derivatives: Site-selective formation of loop-cluster covered vesicles and flower micelles. Polymer, 2021, 212, 123289.	3.8	5
4	Novel Process to Conductive Silver Nanowires Film via Simple Evaporative Crystallization of Silver Acetate/Polymer Solution on Substrates. Advanced Materials Interfaces, 2021, 8, 2002001.	3.7	0
5	Chiroptical Cross-Linked Polymers Grown via Radical Polymerization around Chiral Nanosilica. Macromolecular Chemistry and Physics, 2021, 222, 2000436.	2.2	1
6	A Unique Nano-Capsule Possessing Inner Thermo-Responsive Surface Prepared from a Toothbrush-Like Comb-Coil Block Copolymer. Macromolecular Chemistry and Physics, 2021, 222, 2100174.	2.2	1
7	Microflowers formed by complexation-driven self-assembly between palladium(II) and bis-theophyllines: immortal catalyst for C-C cross-coupling reactions. RSC Advances, 2021, 11, 35311-35320.	3.6	3
8	Transfer of Chiral Information from Silica Hosts to Achiral Luminescent Guests: a Simple Approach to Accessing Circularly Polarized Luminescent Systems. ChemPlusChem, 2020, 85, 619-626.	2.8	25
9	Chirality Detection by Raman Spectroscopy: The Case of Enantioselective Interactions between Amino Acids and Polymer-Modified Chiral Silica. Analytical Chemistry, 2020, 92, 14292-14296.	6.5	14
10	Chiral Plasmonic Nanoparticle Assisted Raman Enantioselective Recognition. Analytical Chemistry, 2020, 92, 8015-8020.	6.5	24
11	Polydopamine/Silver Substrates Stemmed from Chiral Silica for SERS Differentiation of Amino Acid Enantiomers. ACS Applied Materials & Interfaces, 2020, 12, 29868-29875.	8.0	7
12	A unique polymersome covered by loop-cluster polyamine corona. RSC Advances, 2020, 10, 13260-13266.	3.6	6
13	Chiral Nucleating Agents Affecting the Handedness of Lamellar Twist in the Banded Spherulites in Poly( $\mu$ -Caprolactone)/Poly(Vinyl Butyral) Blends. ACS Macro Letters, 2019, 8, 871-874.	4.8	6
14	Linear-Polyethyleneimine-Templated Synthesis of N-Doped Carbon Nanonet Flakes for High-performance Supercapacitor Electrodes. Nanomaterials, 2019, 9, 1225.	4.1	11
15	Unusual chirality transfer from silica to metallic nanoparticles with formation of distorted atomic array in crystal lattice structure. Nanoscale Advances, 2019, 1, 581-591.	4.6	7
16	Chiroptical phenolic resins grown on chiral silica-bonded amine residues. Polymer Chemistry, 2019, 10, 3535-3546.	3.9	5
17	Synthesis and Thermo-responsiveness of Double Hydrophilic Block Copolymers with PNIPAM Coils and Poly(methyloxazoline)/Poly(ethyleneimine) Combs. Chemistry Letters, 2019, 48, 647-650.	1.3	5
18	Frontispiece: Understanding Silica from the Viewpoint of Asymmetry. Chemistry - A European Journal, 2019, 25, .	3.3	0

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19	Silane catecholates: versatile tools for self-assembled dynamic covalent bond chemistry. <i>Chemical Communications</i> , 2019, 55, 6066-6069.	4.1	15
20	Understanding Silica from the Viewpoint of Asymmetry. <i>Chemistry - A European Journal</i> , 2019, 25, 6270-6283.	3.3	13
21	Circularly Polarized Luminescence from Inorganic Materials: Encapsulating Guest Lanthanide Oxides in Chiral Silica Hosts. <i>Chemistry - A European Journal</i> , 2018, 24, 6483-6483.	3.3	0
22	Circularly Polarized Luminescence from Inorganic Materials: Encapsulating Guest Lanthanide Oxides in Chiral Silica Hosts. <i>Chemistry - A European Journal</i> , 2018, 24, 6519-6524.	3.3	42
23	Biomimetic silica deposition promoted by sub-5 $\mu\text{m}$ complexes of dicarboxylic acids/polyethyleneimine microballs: a new approach to tuning silica structures using messenger-like dicarboxylic acids. <i>RSC Advances</i> , 2018, 8, 435-443.	3.6	1
24	Theophylline-bearing microspheres with dual features as a coordinative adsorbent and catalytic support for palladium ions. <i>RSC Advances</i> , 2018, 8, 34505-34513.	3.6	4
25	Convenient chirality transfer from organics to titania: construction and optical properties. <i>RSC Advances</i> , 2018, 8, 15951-15960.	3.6	3
26	Self-directing chiral information in solid-solid transformation: unusual chiral-transfer without racemization from amorphous silica to crystalline silicon. <i>Nanoscale Horizons</i> , 2017, 2, 147-155.	8.0	15
27	Unexpected "Hammerlike Liquid" to Pulverize Silica Powders to Stable Sols and Its Application in the Preparation of Sub-10 nm $\text{SiO}_2$ Hybrid Nanoparticles with Chirality. <i>ACS Omega</i> , 2017, 2, 1431-1440.	3.5	14
28	Sub-5 $\mu\text{m}$ balls possessing forest-like poly(methyloxazoline)/polyethyleneimine side chains and templated silica microballs with unusual internal structures. <i>RSC Advances</i> , 2017, 7, 36302-36312.	3.6	8
29	Double Chiral Hybrid Materials: Formation of Chiral Phenolic Resins on Polyamine-associated Chiral Silica. <i>Chemistry Letters</i> , 2017, 46, 1518-1521.	1.3	8
30	Free-standing disk mold crystalline polyethyleneimine gels: physical properties and chemical function in mineralization. <i>Colloid and Polymer Science</i> , 2017, 295, 1585-1594.	2.1	2
31	Shaped crystalline aggregates of comb-like polyethyleneimine for biomimetic synthesis of inorganic silica materials. <i>Polymer</i> , 2016, 86, 120-128.	3.8	8
32	Polycondensation and carbonization of phenolic resin on structured nano/chiral silicas: reactions, morphologies and properties. <i>Journal of Materials Chemistry B</i> , 2016, 4, 626-634.	5.8	12
33	Chiral $\text{SiO}_2$ and $\text{Ag@SiO}_2$ Materials Templated by Complexes Consisting of Comblike Polyethyleneimine and Tartaric Acid. <i>Chemistry - A European Journal</i> , 2015, 21, 15667-15675.	3.3	10
34	Synthesis of comb-like poly(ethyleneimine)s and their application in biomimetic silicification. <i>Polymer Chemistry</i> , 2015, 6, 2255-2263.	3.9	13
35	Poly(N-cyanoethylethyleneimine): a new nanoscale template for biomimetic silicification. <i>Chemical Communications</i> , 2014, 50, 10793-10796.	4.1	8
36	Biomimetic Synthesis of Shaped and Chiral Silica Entities Templated by Organic Objective Materials. <i>Chemistry - A European Journal</i> , 2014, 20, 7196-7214.	3.3	40

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37	Nanosheetâ€‘Stacked Chiral Silica Transcribed from Metal Ionâ€‘and pHâ€‘Tuned Supramolecular Crystalline Complexes of Polyamineâ€‘D</sc>â€‘Glucarate. Chemistry - A European Journal, 2014, 20, 1134-1145.	3.3	11
38	Synthesis of free-standing sub-10 nm Y2O3:Eu particles on silicananowirematrix and amplified luminescence performance. Journal of Materials Chemistry C, 2013, 1, 477-483.	5.5	21
39	Controlled synthesis and tunable properties of ultrathin silica nanotubes through spontaneous polycondensation on polyamine fibrils. Beilstein Journal of Nanotechnology, 2013, 4, 793-804.	2.8	10
40	Polyamine-Promoted Growth of One-Dimensional Nanostructure-Based Silica and Its Feature in Catalyst Design. Materials, 2012, 5, 1787-1799.	2.9	6
41	Temporally and spatially controlled silicification for self-generating polymer@silica hybrid nanotube on substrates with tunable film nanostructure. Journal of Materials Chemistry, 2012, 22, 5080.	6.7	17
42	Highâ€‘Temperatureâ€‘Resistant Chiral Silica Generated on Chiral Crystalline Templates at Neutral pH and Ambient Conditions. Angewandte Chemie - International Edition, 2012, 51, 5862-5865.	13.8	43
43	Polyamine@silica hybrid nanogress: biomimetic fabrication, structure characterization and surface functionalization. Journal of Materials Chemistry, 2011, 21, 10720.	6.7	15
44	Bent silica nanosheets directed from crystalline templates controlled by proton donors. Journal of Nanoparticle Research, 2011, 13, 683-691.	1.9	7
45	Simple and Efficient Aqueous Process for Nanostructured Fibrous TiO<sub>2</sub> Regulated by Linear Polyethyleneimine Aggregates. European Journal of Inorganic Chemistry, 2010, 2010, 476-482.	2.0	7
46	Bioinspired Synthesis of Continuous Titania Coat with Tunable Nanofiber-Based Network Structure on Linear Polyethylenimine-Covered Substrates. Langmuir, 2010, 26, 4212-4218.	3.5	18
47	Biomimetically Controlled Formation of Nanotextured Silica/Titania Films on Arbitrary Substrates and Their Tunable Surface Function. Advanced Materials, 2009, 21, 3750-3753.	21.0	59
48	Turbine-like structured silica transcribed simply by pre-structured crystallites of linear poly(ethyleneimine) bounded with metal ions. CrystEngComm, 2009, 11, 2695.	2.6	11
49	Polyethyleneimine Aggregates Regulated by Metal Cations Acting as Biomimetic Organic Reactors for Silica Architectures. Small, 2007, 3, 394-398.	10.0	24
50	Hierarchically Structured Silica from Mediation of Linear Poly(ethyleneimine) Incorporated with Acidic/Basic Additives. Polymer Journal, 2007, 39, 464-470.	2.7	12
51	Shaped Silicas Transcribed from Aggregates of Four-Armed Star Polyethyleneimine with a Benzene Core. Chemistry of Materials, 2006, 18, 3390-3396.	6.7	39
52	Simple Synthesis of Hierarchically Structured Silicas by Poly(ethyleneimine) Aggregates Pre-Organized by Media Modulation. Macromolecular Chemistry and Physics, 2005, 206, 2160-2170.	2.2	65
53	Synthesis of poly(ethyleneimine)sâ€‘silica hybrid particles with complex shapes and hierarchical structures. Chemical Communications, 2005, , 1399-1401.	4.1	79
54	Fabrication of silver porous frameworks using poly(ethyleneimine) hydrogel as a soft sacrificial template. Journal of Materials Chemistry, 2005, 15, 4513.	6.7	65

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55	Fibrous Crystalline Hydrogels Formed from Polymers Possessing A Linear Poly(ethyleneimine) Backbone. <i>Langmuir</i> , 2005, 21, 3136-3145.	3.5	72
56	Water soluble star block poly(oxazoline) with porphyrin label: a unique emulsion and its shape direction. <i>Journal of Materials Chemistry</i> , 2004, 14, 320.	6.7	51
57	Functional Polymeric Micelles Formed from a Novel Cationic Star Block Copolymer. <i>ChemPhysChem</i> , 2003, 4, 1118-1121.	2.1	13
58	Self-Assembly of Porphyrin-Centered Amphiphilic Star Block Copolymer into Polymeric Vesicular Aggregates. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 403-409.	2.2	30
59	Colloidal crystalline polymer generated in situ from growing star poly(oxazolines)Electronic supplementary information (ESI) available: further experimental evidence for the results presented in this communication. See <a href="http://www.rsc.org/suppdata/jm/b2/b211674j/">http://www.rsc.org/suppdata/jm/b2/b211674j/</a> . <i>Journal of Materials Chemistry</i> , 2003, 13, 672-675.	6.7	19
60	Silicaâ€“polyoxazoline hybrid with nanosized hollow enclosing porphyrin in hybrid wallsElectronic supplementary information (ESI) available: Figs. 1Sâ€“4S. See <a href="http://www.rsc.org/suppdata/cc/b1/b108763k/">http://www.rsc.org/suppdata/cc/b1/b108763k/</a> . <i>Chemical Communications</i> , 2002, , 198-199.	4.1	9
61	Porphyrin-centered Water-soluble Star-shaped Polymers: Poly(N-acetylenimine) and Poly(ethylenimine) Arms. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999, 03, 60-64.	0.8	22