

# Huanxiang Yuan

## List of Publications by Year in descending order

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30  
papers

2,398  
citations

471509

17  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Backbone-Regulated Cationic Conjugated Polymers for Combating and Monitoring Pathogenic Bacteria. <i>ACS Applied Polymer Materials</i> , 2022, 4, 29-35.	4.4	8
2	Fluorescent sensor array based on aggregation-induced emission luminogens for pathogen discrimination. <i>Analyst</i> , 2022, 147, 2930-2935.	3.5	8
3	Bipolar Hemicyanine-Based Photodynamic Modulation of Type I Pathway for Efficient Sterilization and Real-Time Monitoring. <i>ACS Applied Bio Materials</i> , 2022, 5, 2549-2555.	4.6	2
4	Acceptor Regulation of Acceptor-Donor-Acceptor Type Conjugated Oligomer for Photothermal Combating of Resistant Bacteria. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5275-5280.	4.4	2
5	Design of functional polymer nanomaterials for antimicrobial therapy and combatting resistance. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1236-1252.	5.9	49
6	Design and Application of Conjugated Polymer Nanomaterials for Detection and Inactivation of Pathogenic Microbes. <i>ACS Applied Bio Materials</i> , 2021, 4, 370-386.	4.6	38
7	Aggregation-induced emission nanoparticles with NIR and photosensitizing characteristics for resistant bacteria elimination and real-time tracking. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6611-6617.	5.9	11
8	Poly(p-phenylenevinylene) nanoparticles modified with antiEGFRvIII for specific glioblastoma therapy. <i>Scientific Reports</i> , 2021, 11, 4449.	3.3	6
9	Sulfur-Doped BiOCl with Enhanced Light Absorption and Photocatalytic Water Oxidation Activity. <i>Nanomaterials</i> , 2021, 11, 2221.	4.1	10
10	One-pot synthesis of water-soluble and biocompatible superparamagnetic gadolinium-doped iron oxide nanoclusters. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1432-1444.	5.8	15
11	Dual-Mode Antibacterial Conjugated Polymer Nanoparticles for Photothermal and Photodynamic Therapy. <i>Macromolecular Bioscience</i> , 2020, 20, e1900301.	4.1	76
12	Conjugated Polymer and Triphenylamine Derivative Codoped Nanoparticles for Photothermal and Photodynamic Antimicrobial Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 3494-3499.	4.6	20
13	Hydroxyl-PEG-Phosphonic Acid-Stabilized Superparamagnetic Manganese Oxide-Doped Iron Oxide Nanoparticles with Synergistic Effects for Dual-Mode MR Imaging. <i>Langmuir</i> , 2019, 35, 9474-9482.	3.5	35
14	Electrochemiluminescence for Electric-Driven Antibacterial Therapeutics. <i>Journal of the American Chemical Society</i> , 2018, 140, 2284-2291.	13.7	180
15	Synthesis of a cationic poly(p-phenylenevinylene) derivative for lysosome-specific and long-term imaging. <i>Chinese Chemical Letters</i> , 2018, 29, 339-341.	9.0	12
16	Synthesis, antioxidant and antimelanogenic activities of PEGylated $\alpha$ -tocopheryl lipoate conjugates. <i>Journal of Dermatological Science</i> , 2017, 86, 73-75.	1.9	1
17	Synthesis of Multifunctional Cationic Poly(p-phenylenevinylene) for Selectively Killing Bacteria and Lysosome-Specific Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 9260-9264.	8.0	30
18	Cationic Poly(p-phenylene vinylene) Materials as a Multifunctional Platform for Light-Enhanced siRNA Delivery. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2686-2689.	3.3	21

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19	Facile synthesis of superparamagnetic magnetite nanoflowers and their applications in cellular imaging. <i>RSC Advances</i> , 2016, 6, 42649-42655.	3.6	15
20	The preparation of organoboron-based stilbene nanoparticles for cell imaging. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5515-5518.	5.8	7
21	A Supramolecular Antibiotic Switch for Antibacterial Regulation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13208-13213.	13.8	256
22	A glucose-powered antimicrobial system using organic-inorganic assembled network materials. <i>Chemical Communications</i> , 2015, 51, 722-724.	4.1	33
23	Functionalization of DNA-Dendron Supramolecular Fibers and Application in Regulation of <i>Escherichia coli</i> Association. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7351-7356.	8.0	12
24	Synthesis of a Novel Quinoline Skeleton Introduced Cationic Polyfluorene Derivative for Multimodal Antimicrobial Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25390-25395.	8.0	22
25	Cationic Conjugated Polymers for Discrimination of Microbial Pathogens. <i>Advanced Materials</i> , 2014, 26, 4333-4338.	21.0	248
26	Conjugated Polymer-Based Energy Transfer Systems for Antimicrobial and Anticancer Applications. <i>Advanced Materials</i> , 2014, 26, 6978-6982.	21.0	142
27	Bioluminescence as a light source for photosynthesis. <i>Chemical Communications</i> , 2013, 49, 10685.	4.1	9
28	Conjugated polymer nanoparticles: preparation, properties, functionalization and biological applications. <i>Chemical Society Reviews</i> , 2013, 42, 6620.	38.1	781
29	Chemical Molecule-Induced Light-Activated System for Anticancer and Antifungal Activities. <i>Journal of the American Chemical Society</i> , 2012, 134, 13184-13187.	13.7	243
30	Design and structural regulation of AIE photosensitizers for imaging-guided photodynamic anti-tumor application. <i>Biomaterials Science</i> , 0, , .	5.4	7