

# Ying Wan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,646  
citations

430843

18  
h-index

580810

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Cobalt/Peracetic Acid to Degrade Sulfamethoxazole at Neutral Condition: Efficiency and Mechanisms. <i>Environmental Science &amp; Technology</i> , 2020, 54, 464-475.	10.0	261
2	Thermal Activation of Peracetic Acid in Aquatic Solution: The Mechanism and Application to Degrade Sulfamethoxazole. <i>Environmental Science &amp; Technology</i> , 2020, 54, 14635-14645.	10.0	171
3	Thermally triggered injectable chitosan/silk fibroin/bioactive glass nanoparticle hydrogels for in-situ bone formation in rat calvarial bone defects. <i>Acta Biomaterialia</i> , 2019, 91, 60-71.	8.3	147
4	Application of a novel advanced oxidation process using sulfite and zero-valent iron in treatment of organic pollutants. <i>Chemical Engineering Journal</i> , 2017, 314, 240-248.	12.7	125
5	Comparative study on the pretreatment of algae-laden water by UV/persulfate, UV/chlorine, and UV/H <sub>2</sub> O <sub>2</sub> : Variation of characteristics and alleviation of ultrafiltration membrane fouling. <i>Water Research</i> , 2019, 158, 213-226.	11.3	110
6	Enhanced degradation of organic contaminants by zero-valent iron/sulfite process under simulated sunlight irradiation. <i>Water Research</i> , 2019, 149, 169-178.	11.3	100
7	Redox-Sensitive Hydroxyethyl Starch- <i>α</i> -Doxorubicin Conjugate for Tumor Targeted Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30833-30844.	8.0	99
8	Degradation of organic pollutants by Vacuum-Ultraviolet (VUV): Kinetic model and efficiency. <i>Water Research</i> , 2018, 133, 69-78.	11.3	79
9	<i>α</i> -Amylase- and Redox-Responsive Nanoparticles for Tumor-Targeted Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19215-19230.	8.0	71
10	Ultraviolet/persulfate (UV/PS) pretreatment of typical natural organic matter (NOM): Variation of characteristics and control of membrane fouling. <i>Chemosphere</i> , 2019, 214, 136-147.	8.2	65
11	Highly Conductive PPy- <i>α</i> -PEDOT:PSS Hybrid Hydrogel with Superior Biocompatibility for Bioelectronics Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 25374-25382.	8.0	56
12	Co-delivery nanoparticle to overcome metastasis promoted by insufficient chemotherapy. <i>Journal of Controlled Release</i> , 2018, 275, 67-77.	9.9	50
13	Transformation of acetaminophen in solution containing both peroxymonosulfate and chlorine: Performance, mechanism, and disinfection by-product formation. <i>Water Research</i> , 2021, 189, 116605.	11.3	50
14	Chemical cleaning of algae-fouled ultrafiltration (UF) membrane by sodium hypochlorite (NaClO): Characterization of membrane and formation of halogenated by-products. <i>Journal of Membrane Science</i> , 2020, 598, 117662.	8.2	49
15	Enhancing Doxorubicin Delivery toward Tumor by Hydroxyethyl Starch- <i>α</i> -Poly(lactide) Partner Nanocarriers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10481-10493.	8.0	40
16	Application of UV/chlorine pretreatment for controlling ultrafiltration (UF) membrane fouling caused by different natural organic fractions. <i>Chemosphere</i> , 2021, 263, 127993.	8.2	35
17	Formation of halogenated by-products during chemical cleaning of humic acid-fouled UF membrane by sodium hypochlorite solution. <i>Chemical Engineering Journal</i> , 2018, 332, 76-84.	12.7	34
18	A highly sensitive label-free electrochemical immunosensor based on poly(indole-5-carboxylic acid) with ultra-high redox stability. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111406.	10.1	31

#	ARTICLE	IF	CITATIONS
19	Multifunctional hierarchical mesoporous silica and black phosphorus nanohybrids as chemo-photothermal synergistic agents for enhanced cancer therapy. <i>Nanoscale</i> , 2020, 12, 12578-12588.	5.6	19
20	Hydroxyethyl Starch-Based Nanoparticles Featured with Redox-Sensitivity and Chemo-Photothermal Therapy for Synergized Tumor Eradication. <i>Cancers</i> , 2019, 11, 207.	3.7	17
21	Enhanced degradation of tetrabromobisphenol A by Fe <sup>3+</sup> /sulfite process under simulated sunlight irradiation. <i>Chemosphere</i> , 2021, 285, 131442.	8.2	11
22	Dextran-poly lactide micelles loaded with doxorubicin and DiR for image-guided chemo-photothermal tumor therapy. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 296-308.	7.5	9
23	Doxorubicin-Bound Hydroxyethyl Starch Conjugate Nanoparticles with pH/Redox Responsive Linkage for Enhancing Antitumor Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4527-4544.	6.7	7
24	Simultaneous Removal of <i>Microcystis aeruginosa</i> and 2,4,6-Trichlorophenol by UV/Persulfate Process. <i>Frontiers in Chemistry</i> , 2020, 8, 591641.	3.6	5
25	Bioactive Glass Flakes as Innovative Fillers in Chitosan Membranes for Guided Bone Regeneration. <i>Advanced Engineering Materials</i> , 2022, 24, 2101042.	3.5	5