Ying Wan

List of Publications by Citations

25 papers	843 citations	16 h-index	25 g-index
25 ext. papers	1,223 ext. citations	9.7 avg, IF	4.53 L-index

#	Paper	IF	Citations
25	Application of a novel advanced oxidation process using sulfite and zero-valent iron in treatment of organic pollutants. *Chemical Engineering Journal*, **2017**, 314, 240-248	14.7	86
24	Thermally triggered injectable chitosan/silk fibroin/bioactive glass nanoparticle hydrogels for in-situ bone formation in rat calvarial bone defects. *Acta Biomaterialia*, **2019**, 91, 60-71	10.8	81
23	Application of Cobalt/Peracetic Acid to Degrade Sulfamethoxazole at Neutral Condition: Efficiency and Mechanisms. *Environmental Science & Technology*, **2020**, 54, 464-475	10.3	78
22	Enhanced degradation of organic contaminants by zero-valent iron/sulfite process under simulated sunlight irradiation. *Water Research*, **2019**, 149, 169-178	12.5	72
21	Redox-Sensitive Hydroxyethyl Starch-Doxorubicin Conjugate for Tumor Targeted Drug Delivery. *ACS Applied Materials & Interfaces*, **2016**, 8, 30833-30844	9.5	71
20	Degradation of organic pollutants by Vacuum-Ultraviolet (VUV): Kinetic model and efficiency. *Water Research*, **2018**, 133, 69-78	12.5	61
19	Comparative study on the pretreatment of algae-laden water by UV/persulfate, UV/chlorine, and UV/HO: Variation of characteristics and alleviation of ultrafiltration membrane fouling. *Water Research*, **2019**, 158, 213-226	12.5	57
18	Thermal Activation of Peracetic Acid in Aquatic Solution: The Mechanism and Application to Degrade Sulfamethoxazole. *Environmental Science & Technology*, **2020**, 54, 14635-14645	10.3	52
17	Amylase- and Redox-Responsive Nanoparticles for Tumor-Targeted Drug Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 19215-19230	9.5	50
16	Ultraviolet/persulfate (UV/PS) pretreatment of typical natural organic matter (NOM): Variation of characteristics and control of membrane fouling. *Chemosphere*, **2019**, 214, 136-147	8.4	34
15	Enhancing Doxorubicin Delivery toward Tumor by Hydroxyethyl Starch-g-Polylactide Partner Nanocarriers. *ACS Applied Materials & Interfaces*, **2017**, 9, 10481-10493	9.5	31
14	Co-delivery nanoparticle to overcome metastasis promoted by insufficient chemotherapy. *Journal of Controlled Release*, **2018**, 275, 67-77	11.7	30
13	Chemical cleaning of algae-fouled ultrafiltration (UF) membrane by sodium hypochlorite (NaClO): Characterization of membrane and formation of halogenated by-products. *Journal of Membrane Science*, **2020**, 598, 117662	9.6	27
12	A highly sensitive label-free electrochemical immunosensor based on poly(indole-5-carboxylicacid) with ultra-high redox stability. *Biosensors and Bioelectronics*, **2019**, 141, 111406	11.8	23
11	Formation of halogenated by-products during chemical cleaning of humic acid-fouled UF membrane by sodium hypochlorite solution. *Chemical Engineering Journal*, **2018**, 332, 76-84	14.7	22
10	Highly Conductive PPy-PEDOT:PSS Hybrid Hydrogel with Superior Biocompatibility for Bioelectronics Application. *ACS Applied Materials & Interfaces*, **2021**, 13, 25374-25382	9.5	18
9	Transformation of acetaminophen in solution containing both peroxymonosulfate and chlorine: Performance, mechanism, and disinfection by-product formation. *Water Research*, **2021**, 189, 116605	12.5	13

List of Publications

8	Multifunctional hierarchical mesoporous silica and black phosphorus nanohybrids as chemo-photothermal synergistic agents for enhanced cancer therapy. *Nanoscale*, **2020**, 12, 12578-12588	7.7	11
7	Application of UV/chlorine pretreatment for controlling ultrafiltration (UF) membrane fouling caused by different natural organic fractions. *Chemosphere*, **2021**, 263, 127993	8.4	11
6	Hydroxyethyl Starch-Based Nanoparticles Featured with Redox-Sensitivity and Chemo-Photothermal Therapy for Synergized Tumor Eradication. *Cancers*, **2019**, 11,	6.6	10
5	Enhanced degradation of tetrabromobisphenol A by Fe/sulfite process under simulated sunlight irradiation. *Chemosphere*, **2021**, 285, 131442	8.4	3
4	Doxorubicin-Bound Hydroxyethyl Starch Conjugate Nanoparticles with pH/Redox Responsive Linkage for Enhancing Antitumor Therapy. *International Journal of Nanomedicine*, **2021**, 16, 4527-4544	7.3	2
3	Simultaneous Removal of and 2,4,6-Trichlorophenol by UV/Persulfate Process. *Frontiers in Chemistry*, **2020**, 8, 591641	5	0
2	Dextran-polylactide micelles loaded with doxorubicin and DiR for image-guided chemo-photothermal tumor therapy. *International Journal of Biological Macromolecules*, **2021**, 187, 296-308	7.9	0
1	Bioactive Glass Flakes as Innovative Fillers in Chitosan Membranes for Guided Bone Regeneration. *Advanced Engineering Materials*,2101042	3.5	0