Hua-Yong Luo

List of Publications by Year in Descending Order

12 papers	346 citations	8 h-index	13 g-index
13 ext. papers	487 ext. citations	5.8 avg, IF	3.74 L-index

#	Paper	IF	Citations
12	Strong adsorption properties and mechanism of action with regard to tetracycline adsorption of double-network polyvinyl alcohol-copper alginate gel beads. *Journal of Hazardous Materials*, **2022**, 422, 126863	12.8	13
11	Efficient Adsorption of Tetracycline from Aqueous Solutions by Modified Alginate Beads after the Removal of Cu(II) Ions. *ACS Omega*, **2021**, 6, 6240-6251	3.9	5
10	Interaction between tetracycline and microorganisms during wastewater treatment: A review. *Science of the Total Environment*, **2021**, 757, 143981	10.2	37
9	Development of polyaminated chitosan-zirconium(IV) complex bead adsorbent for highly efficient removal and recovery of phosphorus in aqueous solutions. *International Journal of Biological Macromolecules*, **2020**, 164, 1183-1193	7.9	8
8	Forward osmosis with electro-responsive P(AMPS-co-AM) hydrogels as draw agents for desalination. *Journal of Membrane Science*, **2020**, 593, 117406	9.6	20
7	Amino-functionalized magnetic zirconium alginate beads for phosphate removal and recovery from aqueous solutions. *Journal of Applied Polymer Science*, **2019**, 136, 46897	2.9	14
6	Phosphorus removal and recovery from water with macroporous bead adsorbent constituted of alginate-Zr and PNIPAM-interpenetrated networks. *International Journal of Biological Macromolecules*, **2019**, 126, 1133-1144	7.9	38
5	Magnetic thermoresponsive ionic nanogels as novel draw agents in forward osmosis. *RSC Advances*, **2015**, 5, 15359-15365	3.7	56
4	A review on the recovery methods of draw solutes in forward osmosis. *Journal of Water Process Engineering*, **2014**, 4, 212-223	6.7	130
3	Performance of Strong Ionic Hydrogels Based on 2-Acrylamido-2-Methylpropane Sulfonate as Draw Agents for Forward Osmosis. *Journal of Environmental Engineering, ASCE*, **2014**, 140, 04014044	2	21
2	Temperature-induced adsorption and desorption of phosphate on poly(acrylic acid-co-N-[3-(dimethylamino)propyl]acrylamide) hydrogels in aqueous solutions160, 260-267		3
1	Electro-responsive semi-IPN hydrogel with enhanced responsive property for forward osmosis desalination. *Journal of Applied Polymer Science*,51650	2.9	1