

# Li Shu

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

912  
citations

623574

14  
h-index

610775

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in Environmental Science/Engineering and fate and innovative treatment/remediation of emerging pollutants. <i>Chemosphere</i> , 2022, 292, 133497.	4.2	1
2	Pollution prevention and sustainable future. <i>Environmental Science and Pollution Research</i> , 2022, 29, 12387-12389.	2.7	0
3	Safety evaluation and ibuprofen removal via an <i>Alternanthera philoxeroides</i> -based biochar. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40568-40586.	2.7	19
4	Producing fit-for-purpose water and recovering resources from various sources: An overview. <i>Environmental Quality Management</i> , 2021, 31, 9-28.	1.0	9
5	Sustainable future: Resource recovery and concentrate management—An introduction. <i>Environmental Quality Management</i> , 2021, 31, 5-7.	1.0	0
6	Lithium recovery from salt-lake brine: Impact of competing cations, pretreatment and preconcentration. <i>Chemosphere</i> , 2020, 260, 127623.	4.2	38
7	Evaluating the Feasibility of Forward Osmosis in Diluting RO Concentrate Using Pretreatment Backwash Water. <i>Membranes</i> , 2020, 10, 35.	1.4	3
8	Effect of the coagulation/persulfate pre-treatment to mitigate organic fouling in the forward osmosis of municipal wastewater treatment. <i>Journal of Environmental Management</i> , 2019, 249, 109394.	3.8	21
9	A review of the management and treatment of brine solutions. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 625-658.	1.2	113
10	A critical review of membrane crystallization for the purification of water and recovery of minerals. <i>Reviews in Environmental Science and Biotechnology</i> , 2016, 15, 411-439.	3.9	61
11	Why does pH increase with CaCl <sub>2</sub> as draw solution during forward osmosis filtration. <i>Chemical Engineering Research and Design</i> , 2016, 104, 465-471.	2.7	21
12	Adsorption kinetics and optimum conditions for Cr(VI) removal by activated carbon prepared from luffa sponge. <i>Desalination and Water Treatment</i> , 2016, 57, 7763-7772.	1.0	22
13	Treatment of textile wastewater with membrane bioreactor: A critical review. <i>Bioresource Technology</i> , 2016, 204, 202-212.	4.8	266
14	Isotherm, kinetic, and thermodynamic equations for cefalexin removal from liquids using activated carbon synthesized from loofah sponge. <i>Desalination and Water Treatment</i> , 2016, 57, 7933-7942.	1.0	34
15	A methodology for simulating hydrogen sulphide generation in sewer network using EPA SWMM. <i>Desalination and Water Treatment</i> , 2015, 54, 1308-1317.	1.0	7
16	Application of enhanced membrane bioreactor (eMBR) to treat dye wastewater. <i>Bioresource Technology</i> , 2015, 183, 78-85.	4.8	46
17	Storm water harvesting and reuse in Australia: enhanced sand filtration for the treatment of storm water. <i>Desalination and Water Treatment</i> , 2015, 54, 1327-1333.	1.0	3
18	Removal of natural organic matter through membrane filtration and subsequent effect on disinfectant decay. <i>Desalination and Water Treatment</i> , 2015, 54, 881-889.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Special issue on the Challenges in Environmental Science and Engineering“CESE-2012 9“13 September 2012, RACV City Club, Melbourne, Australia. Desalination and Water Treatment, 2014, 52, 555-555.	1.0	0
20	Removal of ametryn through nanofiltration and reverse osmosis. Desalination and Water Treatment, 2014, 52, 643-649.	1.0	6
21	Performance of reverse osmosis (RO) for water recovery from permeates of membrane bio-reactor (MBR). Desalination and Water Treatment, 2014, 52, 600-611.	1.0	4
22	Enhancement of aerobic granulation by zero-valent iron in sequencing batch airlift reactor. Journal of Hazardous Materials, 2014, 279, 511-517.	6.5	76
23	Performance of a laboratory-scale membrane bioreactor consisting mixed liquor with aquatic worms under toxic conditions. Bioresource Technology, 2014, 155, 41-49.	4.8	15
24	Special issue on the Challenges in Environmental Science and Engineering, CESE-2013: 29 Oct.“2 Nov., EXCO, Daegu, South Korea. Bioresource Technology, 2014, 165, 1-2.	4.8	2
25	Effects of high salt concentration and residue on copper and aluminum corrosion. Chemical Research in Chinese Universities, 2013, 29, 538-544.	1.3	6
26	Challenges in Environmental Science and Engineering, CESE-2011: 25“30 September, Ever Green Plaza Hotel, Tainan City, Taiwan. Desalination and Water Treatment, 2012, 47, 1-2.	1.0	0
27	Fouling in reverse osmosis (RO) membrane in water recovery from secondary effluent: a review. Reviews in Environmental Science and Biotechnology, 2012, 11, 125-145.	3.9	95
28	Special issue on the 4th International Conference on the “œChallenges in Environmental Science & Engineering“œ, CESE-2011: solutions to environmental challenges through the application of advanced technologies. Reviews in Environmental Science and Biotechnology, 2012, 11, 105-106.	3.9	0
29	Solvent extraction and purification of sugars from hemicellulose hydrolysates using boronic acid carriers. Journal of Chemical Technology and Biotechnology, 2004, 79, 505-511.	1.6	42