

Wenjuan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6867472/publications.pdf>

Version: 2024-02-01

8
papers

297
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the interfacial capacitance and the diffusion boundary layer thickness of ion exchange membrane using electrochemical impedance spectroscopy. <i>Journal of Membrane Science</i> , 2016, 502, 37-47.	8.2	86
2	Probing membrane and interface properties in concentrated electrolyte solutions. <i>Journal of Membrane Science</i> , 2014, 459, 177-189.	8.2	78
3	Design of Monovalent Ion Selective Membranes for Reducing the Impacts of Multivalent Ions in Reverse Electrodialysis. <i>Membranes</i> , 2020, 10, 7.	3.0	48
4	Constructing zwitterionic polymer brush layer to enhance gravity-driven membrane performance by governing biofilm formation. <i>Water Research</i> , 2020, 168, 115181.	11.3	43
5	Investigations on electrochemical properties of membrane systems in ion-exchange membrane transport processes by electrochemical impedance spectroscopy and direct current measurements. <i>Electrochimica Acta</i> , 2016, 216, 110-119.	5.2	22
6	Development of a novel anoxic/oxic fed-batch membrane bioreactor (AFMBR) based on gravity-driven and partial aeration modes: A pilot scale study. <i>Bioresource Technology</i> , 2018, 270, 255-262.	9.6	10
7	Tracing the impact of stack configuration on interface resistances in reverse electrodialysis by in situ electrochemical impedance spectroscopy. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	8
8	Studies on Anion Exchange Membrane and Interface Properties by Electrochemical Impedance Spectroscopy: The Role of pH. <i>Membranes</i> , 2021, 11, 771.	3.0	2