

Zhi Yi Leong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/966972/publications.pdf>

Version: 2024-02-01

19
papers

1,170
citations

516215

16
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field modulated ion-sieving effects of graphene oxide membranes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 244-253.	5.2	4
2	Tungsten disulfide-reduced GO/CNT aerogel: a tuned interlayer spacing anode for efficient water desalination. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10758-10768.	5.2	22
3	A membrane-less desalination battery with ultrahigh energy efficiency. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7216-7226.	5.2	10
4	Electrochemically activated layered manganese oxide for selective removal of calcium and magnesium ions in hybrid capacitive deionization. <i>Desalination</i> , 2021, 520, 115374.	4.0	16
5	Recent progress in aqueous zinc-ion batteries: a deep insight into zinc metal anodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6013-6028.	5.2	105
6	Ocean Mining: A Fluidic Electrochemical Route for Lithium Extraction from Seawater. , 2020, 2, 1662-1668.		18
7	Capacitive Deionization of Divalent Cations for Water Softening Using Functionalized Carbon Electrodes. <i>ACS Omega</i> , 2020, 5, 2097-2106.	1.6	37
8	A Study of MnO ₂ with Different Crystalline Forms for Pseudocapacitive Desalination. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13176-13184.	4.0	129
9	Three-dimensional graphene oxide and polyvinyl alcohol composites as structured activated carbons for capacitive desalination. <i>Desalination</i> , 2019, 451, 172-181.	4.0	56
10	A high performance electrochemical deionization method to desalinate brackish water with an FePO ₄ /RGO nanocomposite. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8901-8908.	5.2	64
11	Ar plasma modification of 2D MXene Ti ₃ C ₂ T _x nanosheets for efficient capacitive desalination. <i>FlatChem</i> , 2018, 8, 17-24.	2.8	106
12	Rod-like nitrogen-doped carbon hollow shells for enhanced capacitive deionization. <i>FlatChem</i> , 2018, 7, 10-17.	2.8	19
13	Bimetallic metal-organic framework derived porous carbon nanostructures for high performance membrane capacitive desalination. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6113-6121.	5.2	98
14	An aqueous rechargeable chloride ion battery. <i>Energy Storage Materials</i> , 2017, 7, 189-194.	9.5	90
15	A Prussian blue anode for high performance electrochemical deionization promoted by the faradaic mechanism. <i>Nanoscale</i> , 2017, 9, 13305-13312.	2.8	165
16	Nitrogen-doped graphene oxide for effectively removing boron ions from seawater. <i>Nanoscale</i> , 2017, 9, 326-333.	2.8	39
17	Porous carbon hollow spheres synthesized via a modified Stober method for capacitive deionization. <i>RSC Advances</i> , 2016, 6, 53542-53549.	1.7	35
18	Ultrahigh Performance of Novel Capacitive Deionization Electrodes based on A Three-Dimensional Graphene Architecture with Nanopores. <i>Scientific Reports</i> , 2016, 6, 18966.	1.6	105

#	ARTICLE	IF	CITATIONS
19	Hydrothermally synthesized graphene and Fe ₃ O ₄ nanocomposites for high performance capacitive deionization. RSC Advances, 2016, 6, 11967-11972.	1.7	52