

# Johnson E Efome

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6748114/publications.pdf>

Version: 2024-02-01

12  
papers

1,480  
citations

840119

11  
h-index

1199166

12  
g-index

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all docs

12  
docs citations

12  
times ranked

1562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight Studies on Metal-Organic Framework Nanofibrous Membrane Adsorption and Activation for Heavy Metal Ions Removal from Aqueous Solution. ACS Applied Materials & Interfaces, 2018, 10, 18619-18629.	4.0	347
2	Metal-organic frameworks supported on nanofibers to remove heavy metals. Journal of Materials Chemistry A, 2018, 6, 4550-4555.	5.2	261
3	Effects of operating parameters and coexisting ions on the efficiency of heavy metal ions removal by nano-fibrous metal-organic framework membrane filtration process. Science of the Total Environment, 2019, 674, 355-362.	3.9	192
4	Effects of superhydrophobic SiO <sub>2</sub> nanoparticles on the performance of PVDF flat sheet membranes for vacuum membrane distillation. Desalination, 2015, 373, 47-57.	4.0	157
5	Experiment and modeling for flux and permeate concentration of heavy metal ion in adsorptive membrane filtration using a metal-organic framework incorporated nanofibrous membrane. Chemical Engineering Journal, 2018, 352, 737-744.	6.6	151
6	Metal-Organic Frameworks Supported on Nanofiber for Desalination by Direct Contact Membrane Distillation. ACS Applied Materials & Interfaces, 2018, 10, 11251-11260.	4.0	96
7	Enhanced performance of PVDF nanocomposite membrane by nanofiber coating: A membrane for sustainable desalination through MD. Water Research, 2016, 89, 39-49.	5.3	94
8	Removal of disinfection byproducts from water by carbonized electrospun nanofibrous membranes. Separation and Purification Technology, 2010, 74, 202-212.	3.9	66
9	Triple-Layered Nanofibrous Metal-Organic Framework-Based Membranes for Desalination by Direct Contact Membrane Distillation. ACS Sustainable Chemistry and Engineering, 2020, 8, 6601-6610.	3.2	40
10	Proton blockage membrane with tertiary amine groups for concentration of sulfonic acid in electro dialysis. Journal of Membrane Science, 2018, 555, 78-87.	4.1	35
11	Polymers of Intrinsic Microporosity Having Bulky Substitutes and Cross-Linking for Gas Separation Membranes. ACS Applied Polymer Materials, 2020, 2, 987-995.	2.0	29
12	PFOM fillers embedded PVDF/cellulose dual-layered membranes with hydrophobic-hydrophilic channels for desalination via direct contact membrane distillation process. RSC Advances, 2019, 9, 41462-41474.	1.7	12