

# Ying Tao Chung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3297306/publications.pdf>

Version: 2024-02-01

18  
papers

2,027  
citations

933264

10  
h-index

996849

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofiltration membranes review: Recent advances and future prospects. <i>Desalination</i> , 2015, 356, 226-254.	4.0	1,432
2	Development of polysulfone-nanohybrid membranes using ZnO-GO composite for enhanced antifouling and antibacterial control. <i>Desalination</i> , 2017, 402, 123-132.	4.0	183
3	Enhancing Morphology and Separation Performance of Polyamide 6,6 Membranes By Minimal Incorporation of Silver Decorated Graphene Oxide Nanoparticles. <i>Scientific Reports</i> , 2019, 9, 1216.	1.6	100
4	Synthesis of minimal-size ZnO nanoparticles through sol-gel method: Taguchi design optimisation. <i>Materials and Design</i> , 2015, 87, 780-787.	3.3	79
5	Functionalization of zinc oxide (ZnO) nanoparticles and its effects on polysulfone-ZnO membranes. <i>Desalination and Water Treatment</i> , 2016, 57, 7801-7811.	1.0	47
6	Sulfonated-polysulfone membrane surface modification by employing methacrylic acid through UV-grafting: Optimization through response surface methodology approach. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1549-1557.	2.9	40
7	Miscible-blend polysulfone/polyimide membrane for hydrogen purification from palm oil mill effluent fermentation. <i>Separation and Purification Technology</i> , 2019, 209, 598-607.	3.9	38
8	Environmental impact of nanomaterials in composite membranes: Life cycle assessment of algal membrane photoreactor using polyvinylidene fluoride-graphene composite membrane. <i>Journal of Cleaner Production</i> , 2018, 202, 591-600.	4.6	34
9	Improving performance in algal organic matter filtration using polyvinylidene fluoride-graphene oxide nanohybrid membranes. <i>Algal Research</i> , 2017, 27, 32-42.	2.4	29
10	Polyvinylidene fluoride membranes with enhanced antibacterial and low fouling properties by incorporating ZnO/rGO composites. , 0, 96, 12-21.		14
11	Nanohybrid membrane in algal-membrane photoreactor: Microalgae cultivation and wastewater polishing. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 2799-2806.	1.7	12
12	Hydrophobic Nanosilica as Fluid Loss Control Additive for High Performance Water- Based Drilling Fluids. <i>Jurnal Kejuruteraan</i> , 2018, S11, 75-85.	0.2	7
13	Magnetite activated carbon/chitosan composite from biomass for removal of diclofenac in aqueous solution. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012183.	0.2	5
14	Modified sugarcane bagasse as effective biosorbent for copper ions removal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012086.	0.2	5
15	EFFECTS OF MEMBRANE FABRICATION CONDITIONS TOWARDS THE PERFORMANCE OF NANOPARTICLES-INCORPORATED MEMBRANES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.3	1
16	POLYMERIC MIXED MATRIX MEMBRANES INCORPORATED WITH GRAPHENE OXIDE FOR H <sub>2</sub> /CO <sub>2</sub> SEPARATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2019, 81, .	0.3	1
17	Fabrication of graphene-based membrane for separation of hazardous contaminants from wastewater. , 2019, , 267-291.		0
18	Influence Of Metal Oxide Nanoparticles In Membranes For Water Treatment And Desalination. , 2014, , .		0