

Ayman T El-Gendi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

384
citations

758635

12
h-index

794141

19
g-index

25
all docs

25
docs citations

25
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of cellulose acetate membrane with carbon nanotubes additives. Journal of Industrial and Engineering Chemistry, 2015, 26, 259-264.	2.9	62
2	Preparation of PVC/PVP composite polymer membranes via phase inversion process for water treatment purposes. Chinese Journal of Chemical Engineering, 2018, 26, 715-722.	1.7	42
3	Investigation of polyvinylchloride and cellulose acetate blend membranes for desalination. Journal of Molecular Structure, 2017, 1146, 14-22.	1.8	32
4	Pervaporation of methanol from methylacetate mixture using polyamide-6 membrane. Desalination and Water Treatment, 2013, 51, 7807-7814.	1.0	27
5	2D nanosheets seeding layer modulated covalent organic framework membranes for efficient desalination. Desalination, 2022, 532, 115753.	4.0	26
6	Anionic covalent organic framework engineered high-performance polyamide membrane for divalent anions removal. Journal of Membrane Science, 2022, 650, 120451.	4.1	22
7	Synergistic role of Ag nanoparticles and Cu nanorods dispersed on graphene on membrane desalination and biofouling. Journal of Industrial and Engineering Chemistry, 2018, 65, 127-136.	2.9	19
8	Synthesis of Cellulose Acetate Membrane from the Egyptian Rice Straws. Journal of Applied Sciences, 2014, 14, 3424-3435.	0.1	19
9	Hydrophobic polyethersulfone porous membranes for membrane distillation. Frontiers of Chemical Science and Engineering, 2015, 9, 84-93.	2.3	16
10	Microfiltration/ultrafiltration polyamide-6 membranes for copper removal from aqueous solutions. Membrane Water Treatment, 2016, 7, 55-70.	0.5	15
11	Asymmetric polyetherimide membranes (PEI) for nanofiltration treatment. European Polymer Journal, 2018, 105, 204-216.	2.6	14
12	Preparation and evaluation of flat membranes for phenols separation. Desalination, 2007, 206, 226-237.	4.0	13
13	Novel amphiphilic conetworks based on compatibilized NBR/SBR/montmorillonite nanovolcanizates as membranes for dehydrative pervaporation of water/butanol mixtures. Polymer Engineering and Science, 2014, 54, 1560-1570.	1.5	12
14	Hyperbranched polyester and its sodium titanate nanocomposites as proton exchange membranes for fuel cells. RSC Advances, 2016, 6, 32245-32257.	1.7	11
15	Selectivity performance for polyamide-6 membranes using pervaporation of water/methanol mixtures. Desalination and Water Treatment, 2013, 51, 3263-3272.	1.0	10
16	Effectiveness of a coagulation step and polyester support on blend polyvinylchloride membrane formation and performance. Journal of Polymer Engineering, 2019, 39, 351-359.	0.6	7
17	Antifouling and antimicrobial polyethersulfone/hyperbranched polyester-amide/Ag composite. RSC Advances, 2020, 10, 24169-24175.	1.7	7
18	Development of membrane blend using casting technique for water desalination. Membrane Water Treatment, 2012, 3, 201-209.	0.5	7

#	ARTICLE	IF	CITATIONS
19	Economic study for blend membrane production. Bulletin of the National Research Centre, 2021, 45, .	0.7	6
20	Investigations of rubbery copolyimides for the preparation of asymmetric pervaporation membranes. Desalination and Water Treatment, 2010, 14, 67-77.	1.0	5
21	Impact of graphene/graphene oxide on the mechanical properties of cellulose acetate membrane and promising natural seawater desalination. Journal of Polymer Engineering, 2019, 39, 794-804.	0.6	5
22	Preparation and characterization of different geometrical shapes of multi-bore hollow fiber membranes and application in vacuum membrane distillation. Journal of Analytical Science and Technology, 2020, 11, .	1.0	4
23	Thermodynamic modeling of polyamide-6 (PA-6)/cellulose acetate (CA) blend membrane prepared via casting technique. Journal of Polymer Engineering, 2013, 33, 701-712.	0.6	2
24	The Development of Polymeric Membrane Via Casting Technology for Water Desalting. Procedia Engineering, 2012, 44, 1772.	1.2	1
25	Preparation of Polyvinylchloride (PVC) Membranes, Characterization, Modification, Applications, and Mathematical Model. Springer Series on Polymer and Composite Materials, 2022, , 175-210.	0.5	0