

# Dave Mangindaan

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1752418/dave-mangindaan-publications-by-citations.pdf>

**Version:** 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

381  
citations

12  
h-index

19  
g-index

33  
ext. papers

493  
ext. citations

2.8  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
33	Pervaporation dehydration of acetone using P84 co-polyimide flat sheet membranes modified by vapor phase crosslinking. <i>Journal of Membrane Science</i> , <b>2014</b> , 458, 76-85	9.6	48
32	Beverage dealcoholization processes: Past, present, and future. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 71, 36-45	15.3	45
31	P84 polyimide membranes modified by a tripodal amine for enhanced pervaporation dehydration of acetone. <i>Chemical Engineering Science</i> , <b>2015</b> , 122, 14-23	4.4	43
30	Plasma polymerization of amine-containing thin films and the studies on the deposition kinetics. <i>Surface and Coatings Technology</i> , <b>2011</b> , 206, 1299-1306	4.4	27
29	Experimental and Numerical Modeling of the Controllable Wettability Gradient on Poly(propylene) Created by SF6 Plasma. <i>Plasma Processes and Polymers</i> , <b>2010</b> , 7, 754-765	3.4	24
28	Nanofiltration membrane cross-linked by m-phenylenediamine for dye removal from textile wastewater. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 360-367	3.2	24
27	Modulation of biocompatibility on poly(vinylidene fluoride) and polysulfone by oxygen plasma treatment and dopamine coating. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2012</b> , 100, 3177-88	5.4	20
26	Integrating sol-gel with cold plasmas modified porous polycaprolactone membranes for the drug-release of silver-sulfadiazine and ketoprofen. <i>Applied Surface Science</i> , <b>2012</b> , 262, 114-119	6.7	18
25	Biosynthesis of silver nanoparticles as catalyst by spent coffee ground/recycled poly(ethylene terephthalate) composites. <i>Food and Bioproducts Processing</i> , <b>2020</b> , 121, 193-201	4.9	15
24	Application of the reaction engineering approach (REA) for modeling of the convective drying of onion. <i>Drying Technology</i> , <b>2017</b> , 35, 500-508	2.6	14
23	Creation of biofunctionalized plasma polymerized allylamine gradients. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2013</b> , 51, 1361-1367	2.6	13
22	Two-dimensional amine-functionality gradient by plasma polymerization. <i>Biochemical Engineering Journal</i> , <b>2013</b> , 78, 198-204	4.2	13
21	Removal of dyes from textile wastewater by using nanofiltration polyetherimide membrane. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 109, 012012	0.3	12
20	Polyetherimide nanofiltration membranes modified by interfacial polymerization for treatment of textile dyes wastewater. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 622, 012019	0.4	12
19	Polyetherimide thin film composite (PEI-TFC) membranes for nanofiltration treatment of dyes wastewater. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 195, 012057	0.3	10
18	Hybrid drying of food and bioproducts: a review. <i>Drying Technology</i> , <b>2021</b> , 39, 1554-1576	2.6	9
17	Polysulfone thin film composite nanofiltration membranes for removal of textile dyes wastewater. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 109, 012042	0.3	7

16	The Diffusion-reaction Model on the Wettability Gradient Created by SF6 Plasma. <i>Plasma Processes and Polymers</i> , <b>2012</b> , 9, 808-819	3.4	7
15	GlucomannanBeeswaxChitosan Antimicrobial Edible Coating to Maintain the Storage Quality of Salak Fruit ( <i>Salacca zalacca</i> ). <i>Macromolecular Symposia</i> , <b>2020</b> , 391, 1900164	0.8	4
14	Bionanocomposite of GelatinZnO Nanoparticles as Potential Edible Coating for Broiler Chicken Fillet. <i>Macromolecular Symposia</i> , <b>2020</b> , 391, 1900165	0.8	3
13	Green sustainable photothermal materials by spent coffee grounds. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2022</b> , 104259	5.3	3
12	Semi-industrial high-temperature ceramic membrane clarification during starch hydrolysis. <i>Journal of Food Engineering</i> , <b>2020</b> , 274, 109844	6	3
11	Diaminoethane-crosslinked polyetherimide nanofiltration membrane for textile wastewater dye removal. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 426, 012112	0.3	2
10	Non-linear analysis of seismic performance of low-rise concrete buildings in Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 794, 012024	0.3	2
9	Systematic Literature Review and Bibliometric Study of Waste Management in Indonesia in the COVID-19 Pandemic Era. <i>Sustainability</i> , <b>2022</b> , 14, 2556	3.6	2
8	The effect of tetrafluoromethane plasma post-treatment on the electrical property of tungsten oxide nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7693-9	1.3	1
7	Corona discharge development and its application to eliminate microorganism in raw milk. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 426, 012141	0.3	0
6	Bacterial inactivation by using non thermal argon plasma jet and its application study for non thermal raw milk processing. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 794, 012104	0.3	0
5	Preliminary design and sustainability study of rosella jam factory utilizing renewable solar energy. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 426, 012133	0.3	
4	Influence of admixing oxygen on Ar plasma discharge for organic pollutant degradation in wastewater treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 195, 012076	0.3	
3	Preparation of Indonesian taro starch particles via precipitation process. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 195, 012059	0.3	
2	Amine-based vapor-phase crosslinking processes of polyimide-based membranes for energy efficient separations. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 794, 012105	0.3	
1	Development of non-thermal atmospheric plasma torch utilizing high voltage power supply. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 794, 012103	0.3	