

# Dave Mangindaan

## List of Publications by Year in Descending Order

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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	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
32	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
31	Hybrid drying of food and bioproducts: a review. <i>Drying Technology</i> , <b>2021</b> , 39, 1554-1576	2.6	9
30	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
29	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
28	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	
27	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	
26	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
25	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
24	Glucmannan Beeswax Chitosan Antimicrobial Edible Coating to Maintain the Storage Quality of Salak Fruit (Salacca zalacca). <i>Macromolecular Symposia</i> , <b>2020</b> , 391, 1900164	0.8	4
23	Bionanocomposite of Gelatin ZnO Nanoparticles as Potential Edible Coating for Broiler Chicken Fillet. <i>Macromolecular Symposia</i> , <b>2020</b> , 391, 1900165	0.8	3
22	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
21	Semi-industrial high-temperature ceramic membrane clarification during starch hydrolysis. <i>Journal of Food Engineering</i> , <b>2020</b> , 274, 109844	6	3
20	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	
19	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
18	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
17	Beverage dealcoholization processes: Past, present, and future. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 71, 36-45	15.3	45

16	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	
15	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
14	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	
13	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
12	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
11	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
10	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
9	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
8	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
7	Two-dimensional amine-functionality gradient by plasma polymerization. <i>Biochemical Engineering Journal</i> , <b>2013</b> , 78, 198-204	4.2	13
6	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
5	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
4	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
3	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
2	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
1	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