

# Masita Mohammad

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,835  
citations

430874

18  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in cellulose-based hydrophobic food packaging. <i>Emergent Materials</i> , 2022, 5, 703-718.	5.7	22
2	Sustainability of Heating, Ventilation and Air-Conditioning (HVAC) Systems in Buildings—An Overview. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1016.	2.6	30
3	Perspectives in biopolymer/graphene-based composite application: Advances, challenges, and recommendations. <i>Nanotechnology Reviews</i> , 2022, 11, 1525-1554.	5.8	8
4	Development of green photocatalytic geopolymers for dye removal. <i>Materials Chemistry and Physics</i> , 2022, 283, 126020.	4.0	7
5	Algae and their growth requirements for bioenergy: a review. <i>Biofuels</i> , 2021, 12, 307-325.	2.4	13
6	Novel approach for the utilization of ionic liquid-based cellulose derivative biosourced polymer electrolytes in safe sodium-ion batteries. <i>Polymer Bulletin</i> , 2021, 78, 5355-5377.	3.3	24
7	Wastes from the petroleum industries as sustainable resource materials in construction sectors: Opportunities, limitations, and directions. <i>Journal of Cleaner Production</i> , 2021, 284, 125459.	9.3	40
8	Sorbent-based air water-harvesting systems: progress, limitation, and consideration. <i>Reviews in Environmental Science and Biotechnology</i> , 2021, 20, 257-279.	8.1	17
9	The development of poly(ethylene oxide) reinforced with a nanocellulose-based nanocomposite polymer electrolyte in dye-sensitized solar cells. <i>Materials Advances</i> , 2021, 2, 5465-5470.	5.4	13
10	Nanocellulose from agricultural waste as an emerging material for nanotechnology applications – an overview. <i>Polimery</i> , 2021, 66, 157-168.	0.7	15
11	Structural, morphological and thermal properties of microcrystalline cellulose extracted from coconut husk fiber. <i>Polimery</i> , 2021, 66, 187-192.	0.7	7
12	Enhancing food waste biodegradation rate in a food waste biodigester with the synergistic action of hydrolase-producing <i>Bacillus paralicheniformis</i> GRA2 and <i>Bacillus velezensis</i> TAP5 co-culture inoculation. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3001-3012.	3.8	5
13	Recent advances on lightweight aerogel as a porous receiver layer for solar thermal technology application. <i>Solar Energy Materials and Solar Cells</i> , 2021, 228, 111131.	6.2	21
14	Investigation on size and conductivity of polyaniline nanofiber synthesised by surfactant-free polymerization. <i>Journal of Materials Research and Technology</i> , 2021, 14, 255-261.	5.8	17
15	Structural characterization of microcrystalline and nanocrystalline cellulose from <i>Ananas comosus</i> L. leaves: Cytocompatibility and molecular docking studies. <i>Nanotechnology Reviews</i> , 2021, 10, 793-806.	5.8	8
16	Adsorbent materials based on a geopolymer paste for dye removal from aqueous solutions. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3017-3025.	4.9	100
17	Biomass and Industrial Wastes as Resource Materials for Aerogel Preparation: Opportunities, Challenges, and Research Directions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 17621-17645.	3.7	56
18	Key factors of desiccant-based cooling systems: Materials. <i>Applied Thermal Engineering</i> , 2019, 159, 113946.	6.0	32

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19	Exergy and improvement potential of hybrid photovoltaic thermal/thermoelectric (PVT/TE) air collector. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 111, 132-144.	16.4	58
20	Review of drying technology of fig. <i>Trends in Food Science and Technology</i> , 2019, 88, 93-103.	15.1	41
21	Emerging sustainable solutions for depollution: Geopolymers. <i>Construction and Building Materials</i> , 2019, 199, 540-548.	7.2	88
22	Exergy and sustainability index of photovoltaic thermal (PVT) air collector: A theoretical and experimental study. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 100, 44-51.	16.4	107
23	Comparison of Activated Carbon and Physic Seed Hull for the Removal of Malachite Green Dye from Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	16
24	Kinetic study of Chromium VI adsorption onto palm kernel shell activated carbon. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012018.	0.3	1
25	Chemically Treated Rice Husk Blends as Green Desiccant Materials for Industrial Application. <i>Chemical Engineering and Technology</i> , 2017, 40, 1619-1629.	1.5	13
26	Green Material Prospects for Passive Evaporative Cooling Systems: Geopolymers. <i>Energies</i> , 2016, 9, 586.	3.1	12
27	Agricultural solid wastes for green desiccant applications: an overview of research achievements, opportunities and perspectives. <i>Journal of Cleaner Production</i> , 2015, 91, 26-35.	9.3	56
28	Renewable hydrogen economy in Asia – Opportunities and challenges: An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 30, 743-757.	16.4	226
29	Nanogold embedded Co <sub>3</sub> O <sub>4</sub> spinel supported over SBA 15 for the reduction of aquatic pollutant 4-nitrophenol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 111, 335-345.	1.7	10
30	Overview on the production of paraffin based-biofuels via catalytic hydrodeoxygenation. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 22, 121-132.	16.4	146
31	Overview of the production of biodiesel from Waste cooking oil. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 18, 184-193.	16.4	467
32	Jatropha deoiled cake filler reinforced medium density polyethylene biocomposites: Effect of filler loading and coupling agent on the mechanical, dynamic mechanical and morphological properties. <i>Polymer Composites</i> , 2013, 34, 746-756.	4.6	15
33	Carbon Derived from Jatropha Seed Hull as a Potential Green Adsorbent for Cadmium (II) Removal from Wastewater. <i>Materials</i> , 2013, 6, 4462-4478.	2.9	15
34	Mechanical properties, morphology, flammability, and thermokinetic investigation of high density polyethylene/Jatropha deoiled cake composites. <i>Journal of Applied Polymer Science</i> , 2012, 126, E78.	2.6	7
35	Removal of Zn <sup>2+</sup> from Aqueous Solution using Castor Seed Hull. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 609-620.	2.4	19
36	Metal ion removal from aqueous solution using physic seed hull. <i>Journal of Hazardous Materials</i> , 2010, 179, 363-372.	12.4	88

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37	Effects of Zinc Chloride Impregnation on the Characteristics of Activated Carbon Produced from Physic Nut Seed Hull. <i>Advanced Materials Research</i> , 0, 626, 751-755.	0.3	1
38	Characterization of Several Microcrystalline Cellulose (MCC)-Based Agricultural Wastes via X-Ray Diffraction Method. <i>Solid State Phenomena</i> , 0, 280, 340-345.	0.3	9
39	Acrylic acid-grafted polyaniline fibers for nickel ion removal from water: synthesis, characterization and adsorption kinetics. <i>Polymer Bulletin</i> , 0, , 1.	3.3	5