

Ahmad Fudholi

List of Publications by Year in descending order

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179
papers

4,513
citations

136950

32
h-index

114465

63
g-index

179
all docs

179
docs citations

179
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of photovoltaic thermal (PVT) water collectors. <i>Energy Conversion and Management</i> , 2014, 78, 641-651.	9.2	353
2	Review of solar dryers for agricultural and marine products. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 1-30.	16.4	288
3	A review on natural fibers for development of eco-friendly bio-composite: characteristics, and utilizations. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2442-2458.	5.8	262
4	Efficiencies and improvement potential of building integrated photovoltaic thermal (BIPVT) system. <i>Energy Conversion and Management</i> , 2014, 77, 527-534.	9.2	196
5	Factors affecting basin type solar still productivity: A detailed review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 430-447.	16.4	188
6	Performance analysis of solar drying system for red chili. <i>Solar Energy</i> , 2014, 99, 47-54.	6.1	175
7	Energy and exergy analyses of solar drying system of red seaweed. <i>Energy and Buildings</i> , 2014, 68, 121-129.	6.7	166
8	A review of solar air flat plate collector for drying application. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 333-345.	16.4	132
9	Effect of sonication time on the thermal stability, moisture absorption, and biodegradation of water hyacinth (<i>Eichhornia crassipes</i>) nanocellulose-filled bengkuang (<i>Pachyrhizus erosus</i>) starch biocomposites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 6223-6231.	5.8	128
10	Energy analysis and improvement potential of finned double-pass solar collector. <i>Energy Conversion and Management</i> , 2013, 75, 234-240.	9.2	121
11	Performance and cost benefits analysis of double-pass solar collector with and without fins. <i>Energy Conversion and Management</i> , 2013, 76, 8-19.	9.2	118
12	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
13	Review of solar drying systems with air based solar collectors in Malaysia. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 1191-1204.	16.4	101
14	Energy and exergy analyses of photovoltaic thermal collector with $\hat{\alpha}$ -groove. <i>Solar Energy</i> , 2018, 159, 742-750.	6.1	92
15	Drying of Malaysian <i>Capsicum annum</i> L. (Red Chili) Dried by Open and Solar Drying. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-9.	2.5	88
16	A review of unitized regenerative fuel cell stack: Material, design and research achievements. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 17765-17778.	7.1	85
17	Performances and improvement potential of solar drying system for palm oil fronds. <i>Renewable Energy</i> , 2015, 78, 561-565.	8.9	84
18	Energy and exergy analyses of solar-assisted fluidized bed drying integrated with biomass furnace. <i>Renewable Energy</i> , 2017, 105, 22-29.	8.9	84

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19	Comparison of solar dryer and solar-assisted heat pump dryer for cassava. <i>Solar Energy</i> , 2016, 136, 606-613.	6.1	79
20	Performance and economic analyses on solar-assisted heat pump fluidised bed dryer integrated with biomass furnace for rice drying. <i>Solar Energy</i> , 2018, 174, 1058-1067.	6.1	66
21	Energy economic analysis of photovoltaic thermal-thermoelectric (PVT-TE) air collectors. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 92, 187-197.	16.4	60
22	Techno-economic of solar drying systems with water based solar collectors in Malaysia: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 809-820.	16.4	58
23	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
24	Biomass and Industrial Wastes as Resource Materials for Aerogel Preparation: Opportunities, Challenges, and Research Directions. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17621-17645.	3.7	56
25	TiO ₂ /water-based photovoltaic thermal (PVT) collector: Novel theoretical approach. <i>Energy</i> , 2019, 183, 305-314.	8.8	52
26	Recent developments in lignin modification and its application in lignin-based green composites: A review. <i>Polymer Composites</i> , 2022, 43, 4848-4865.	4.6	50
27	Characterization and properties of cellulose microfibrils from water hyacinth filled sago starch biocomposites. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 119-125.	7.5	44
28	Reduced output of photovoltaic modules due to different types of dust particles. <i>Journal of Cleaner Production</i> , 2021, 280, 124317.	9.3	42
29	Thermal performance of jet-impingement solar air heater with transverse ribs absorber plate. <i>Solar Energy</i> , 2021, 214, 355-366.	6.1	42
30	A Comprehensive Review on Natural Fibers: Technological and Socio-Economical Aspects. <i>Polymers</i> , 2021, 13, 4280.	4.5	42
31	Review of drying technology of fig. <i>Trends in Food Science and Technology</i> , 2019, 88, 93-103.	15.1	41
32	Photovoltaic thermal solar water collector designed with a jet collision system. <i>Energy</i> , 2018, 161, 412-424.	8.8	38
33	A Mixture of Piper Leaves Extracts and Rhizobacteria for Sustainable Plant Growth Promotion and Bio-Control of Blast Pathogen of Organic Bali Rice. <i>Sustainability</i> , 2020, 12, 8490.	3.2	33
34	A Comparative Study of Virgin Coconut Oil, Coconut Oil and Palm Oil in Terms of Their Active Ingredients. <i>Processes</i> , 2020, 8, 402.	2.8	32
35	Current status of solar-assisted greenhouse drying systems for drying industry (food materials and Tj ETQq1 1 0.784314 rgBT /Overlo	15.1	32
36	Estimating the CO ₂ abatement cost: Substitute Price of Avoiding CO ₂ Emission (SPAEC) by Renewable Energy's Feed in Tariff in selected countries. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 35, 205-210.	16.4	30

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37	Characterisation of swellability and compressive and impact strength properties of corn husk fibre composites. <i>Composites Communications</i> , 2020, 18, 49-54.	6.3	29
38	Energetic and exergetic analysis of a new double pass solar air collector with fins and phase change material. <i>Solar Energy</i> , 2021, 226, 260-271.	6.1	29
39	Thermal Efficiency of Double Pass Solar Collector with Longitudinal Fins Absorbers. <i>American Journal of Applied Sciences</i> , 2011, 8, 254-260.	0.2	28
40	Mathematical modelling of a dual-fluid concentrating photovoltaic-thermal (PV-T) solar collector. <i>Renewable Energy</i> , 2017, 114, 1258-1271.	8.9	27
41	The effect of heat moisture treatment on crystallinity and physicochemical-digestibility properties of purple yam flour. <i>Food Hydrocolloids</i> , 2021, 120, 106889.	10.7	26
42	Revisiting social vulnerability analysis in Indonesia: An optimized spatial fuzzy clustering approach. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101801.	3.9	25
43	Energy and exergy analysis of hybrid solar drying system. <i>Contemporary Engineering Sciences</i> , 2016, 9, 215-223.	0.2	23
44	Review of CO2 price in Europe using feed-in tariff rates. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 69, 685-691.	16.4	23
45	Design and Performance of Solar-assisted Fluidized Bed Drying of Paddy. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2016, 12, 420-426.	0.1	22
46	Optimization of maleic acid pretreatment of oil palm empty fruit bunches (OPEFB) using response surface methodology to produce reducing sugars. <i>Industrial Crops and Products</i> , 2021, 171, 113971.	5.2	22
47	Review of the energy supply status for sustainable development in the Organization of Islamic Conference. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 28, 18-28.	16.4	21
48	Lignin isolation from black liquor from oil palm empty fruit bunch using acid. <i>Journal of Materials Research and Technology</i> , 2020, 9, 11382-11391.	5.8	21
49	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
50	Morphology and mechanical properties of coconut shell powder-filled untreated cornhusk fibre-unsaturated polyester composites. <i>Polymer</i> , 2021, 222, 123657.	3.8	20
51	Drying of salted silver jewfish in a hybrid solar drying system and under open sun: Modeling and performance analyses. <i>International Journal of Green Energy</i> , 2016, 13, 1135-1144.	3.8	18
52	Review of water-nanofluid based photovoltaic/thermal (PV/T) systems. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 134.	0.7	18
53	DRYING CHARACTERISTICS OF THE BORNEO & CANARIUM ODONTOPHYLLUM (DABAI) FRUIT. <i>American Journal of Agricultural and Biological Science</i> , 2012, 7, 347-356.	0.4	15
54	Performances analysis of greenhouse solar dryer with heat exchanger. <i>Contemporary Engineering Sciences</i> , 0, 9, 135-144.	0.2	15

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55	Thermo-electro-hydraulic analysis of jet impingement bifacial photovoltaic thermal (JIBPVT) solar air collector. <i>Energy</i> , 2022, 254, 124366.	8.8	14
56	Analytical and Experimental Studies on the Thermal Efficiency of the Double-Pass Solar Air Collector with Finned Absorber. <i>American Journal of Applied Sciences</i> , 2011, 8, 716-723.	0.2	13
57	Antimicrobial <i>Imperata cylindrica</i> paper coated with anionic nanocellulose crosslinked with cationic ions. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 892-901.	7.5	13
58	Bi-fluid cooling effect on electrical characteristics of flexible photovoltaic panel. <i>Journal of Mechatronics, Electrical Power, and Vehicular Technology</i> , 2021, 12, 51-56.	0.3	13
59	A novel application of simple submersible yeast-based microbial fuel cells as dissolved oxygen sensors in environmental waters. <i>Enzyme and Microbial Technology</i> , 2021, 149, 109831.	3.2	12
60	Photovoltaic Thermal (PVT) System with and Without Fins Collector: Theoretical Approach. <i>International Journal of Power Electronics and Drive Systems</i> , 2017, 8, 1756.	0.6	12
61	R&D of Photovoltaic Thermal (PVT) Systems: an Overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 803.	0.6	12
62	Evaluation of impact, thermo-physical properties, and morphology of cornhusk fiber-reinforced polyester composites. <i>Polymer Composites</i> , 2022, 43, 2771-2778.	4.6	12
63	Investigation of TiO ₂ and MWCNT Nanofluids-based Photovoltaic-Thermal (PV/T) System. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 268, 012076.	0.3	11
64	Physicochemical properties and In Vitro evaluation studies of polyvinylpyrrolidone/cellulose acetate composite nanofibres loaded with <i>Chromolaena odorata</i> (L) King extract. <i>Journal of Materials Research and Technology</i> , 2021, 12, 333-342.	5.8	11
65	Review of solar photovoltaic/thermal (PV/T) air collector. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 126.	0.7	11
66	Mathematical modeling of photovoltaic thermal PV/T system with v-groove collector. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	10
67	Production of methane as bio-fuel from palm oil mill effluent using anaerobic consortium bacteria. <i>Journal of Cleaner Production</i> , 2021, 282, 124424.	9.3	10
68	Heat transfer and entropy generation analysis of internal flow of nanorefrigerant with slip condition at wall. <i>Thermal Science and Engineering Progress</i> , 2021, 22, 100829.	2.7	10
69	Solar Drying Technology in Indonesia: an Overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1804.	0.6	10
70	A review of atomic layer deposition for high lithium-ion battery performance. <i>Journal of Materials Research and Technology</i> , 2021, 15, 5466-5481.	5.8	10
71	Mechanical and microstructural characteristics of Cu-Sn-Zn/ Gr metal matrix composites processed by powder metallurgy for bearing materials. <i>Results in Engineering</i> , 2022, 14, 100377.	5.1	9
72	Enhancement of bioethanol production from palm sap (<i>Arenga pinnata</i> (Wurmb) Merr) through optimization of <i>Saccharomyces cerevisiae</i> as an inoculum. <i>Journal of Materials Research and Technology</i> , 2021, 14, 548-554.	5.8	8

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73	Electrical and thermal efficiency of air-based photovoltaic thermal (PVT) systems: an overview. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 1134.	0.8	8
74	Mathematical Modeling of Photovoltaic Thermal-Thermoelectric (PVT-TE) Air Collector. International Journal of Power Electronics and Drive Systems, 2018, 9, 795.	0.6	8
75	Exergy Assessment of Photovoltaic Thermal with V-groove Collector Using Theoretical study. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 550.	0.8	8
76	Sauna Technique, Drying Kinetic Modeling and Effectiveness on Solar Drying Compared with Direct Drying in Drying Process of <i>Kappaphycus striatum</i> in Selakan Island Malaysia. Energy and Power Engineering, 2014, 06, 303-315.	0.8	8
77	Effect of salinity stress on the growth and yield of mungbean (<i>Vigna radiata</i> (L.) R. Wilczek) treated with mangosteen pericarp extract. Biocatalysis and Agricultural Biotechnology, 2021, 36, 102132.	3.1	7
78	Review on Solar Collector for Agricultural Produce. International Journal of Power Electronics and Drive Systems, 2018, 9, 414.	0.6	7
79	Overview of Photovoltaic Thermal (PVT) Water Collector. International Journal of Power Electronics and Drive Systems, 2018, 9, 1891.	0.6	7
80	Review on Energy and Exergy Analysis of Air and Water Based Photovoltaic Thermal (PVT) Collector. International Journal of Power Electronics and Drive Systems, 2018, 9, 1367.	0.6	7
81	Numerical analysis of the performance of a hybrid solar chimney system with an integrated external thermal source. Thermal Science and Engineering Progress, 2021, 26, 101127.	2.7	7
82	Study of new Zn(II)Prolinedithiocarbamate as a potential agent for breast cancer: Characterization and molecular docking. Journal of Molecular Structure, 2022, 1252, 132101.	3.6	7
83	Characterization of Indonesian Banana Species as an Alternative Cellulose Fibers. Journal of Natural Fibers, 2022, 19, 14396-14413.	3.1	7
84	Potential Evaluation of Wind Energy in Kuala Terengganu, Malaysia through Weibull Distribution Method. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012074.	0.3	6
85	Energy and Exergy Analyses of Photovoltaic-Thermal (PV/T) System with TiO ₂ /Water Nanofluid Flow. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012075.	0.3	6
86	A novel, portable Escherichia coli bacteria sensor using graphene as sensing material. Materials Chemistry and Physics, 2020, 254, 123459.	4.0	6
87	Design and performance of amphiphilic lignin derivatives in enzymatic hydrolysis of sweet sorghum bagasse for bioethanol production. BioResources, 2021, 16, 5875-5889.	1.0	6
88	Energy and exergy analysis of air based photovoltaic thermal (PVT) collector: a review. International Journal of Electrical and Computer Engineering, 2019, 9, 109.	0.7	6
89	Review on Exergy and Energy Analysis of Solar Air Heater. International Journal of Power Electronics and Drive Systems, 2018, 9, 420.	0.6	6
90	Energy-economic-environmental analysis of solar drying system: a review. International Journal of Power Electronics and Drive Systems, 2020, 11, 1011.	0.6	6

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91	Electrical Characteristics of Photovoltaic Thermal Collector with Water-Titania Nanofluid Flow. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 73, 20-28.	0.6	6
92	Pressure drop analysis for organic Rankine cycle power generation system using low-grade heat sources. Case Studies in Thermal Engineering, 2022, 32, 101864.	5.7	6
93	Kinetics of Lignin Removal from Rice Husk Using Hydrogen Peroxide and Combined Hydrogen Peroxide-Aqueous Ammonia Pretreatments. Fermentation, 2022, 8, 157.	3.0	6
94	Entropy Generation Analysis of Power-Law Non-Newtonian Fluid Flow Caused by Micropatterned Moving Surface. Mathematical Problems in Engineering, 2014, 2014, 1-16.	1.1	5
95	Design Maximum Power Point Tracking (MPPT) on Photovoltaic Panels using Fuzzy Logic Method. American Journal of Engineering and Applied Sciences, 2016, 9, 789-797.	0.6	5
96	Post-Harvest Handling of Eucheumatoid Seaweeds. , 2017, , 131-145.		5
97	Implications of drying temperature and humidity on the drying kinetics of seaweed. AIP Conference Proceedings, 2017, , .	0.4	5
98	Differentiated sap (4-6) gene expression of Candida albicans isolates from HIV-positive patients with oral candidiasis and commensals in healthy individuals. Microbial Pathogenesis, 2021, 158, 105075.	2.9	5
99	Experiment study of water based photovoltaic-thermal (PV/T) collector. International Journal of Electrical and Computer Engineering, 2019, 9, 118.	0.7	5
100	Drying Regimes on Regenerated Cellulose Films Characteristics and Properties. Membranes, 2022, 12, 445.	3.0	5
101	Comparison of Selected Metals Content in Cambodian Striped Snakehead Fish (<i>Channa striata</i>) Using Solar Drying System and Open Sun Drying. Journal of Environmental and Public Health, 2015, 2015, 1-6.	0.9	4
102	Solar photovoltaic/thermal-thermoelectric generator performance review. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012120.	0.3	4
103	The Development Model of Semar Counselling to Improve the Self-Esteem of Vocational Students with Psychological Distress. International Journal of Emerging Technologies in Learning, 2019, 14, 132.	1.3	4
104	Performance of Solar Air Collector-Thermoelectric Hybrid System. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012071.	0.3	4
105	Solidification of meloxicam self-nano emulsifying drug delivery system formulation incorporated into soluble and insoluble carriers using freeze drying method. IOP Conference Series: Materials Science and Engineering, 2019, 578, 012051.	0.6	4
106	Modeling of Bifacial Photovoltaic-Thermal (PVT) Air Heater with Jet Plate. International Journal of Heat and Technology, 2021, 39, 1117-1122.	0.6	4
107	Overview of Bifluid-based Photovoltaic Thermal (PVT) Systems. International Journal of Power Electronics and Drive Systems, 2018, 9, 1912.	0.6	4
108	Outdoor Performance Evaluation of Building Integrated Photovoltaic Thermal (BIPVT) Solar Collector with Spiral Flow Absorber Configurations. International Journal of Power Electronics and Drive Systems, 2018, 9, 1918.	0.6	4

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109	Inhibitory effects of <i>Moringa oleifera</i> leaves extract on xanthine oxidase activity from bovine milk. <i>Pharmacia</i> , 2022, 69, 363-375.	1.2	4
110	Development of a Solar Assisted Drying System Using Double-Pass Solar Collector with Finned Absorber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012, 36, 012010.	0.6	3
111	Experimental study on performance of square tube absorber with phase change material. <i>International Journal of Energy Research</i> , 2020, 44, 1000-1011.	4.5	3
112	PROSPECT OF AEROGELS AS DESICCANT MATERIALS: POSSIBILITIES AND CHALLENGES. <i>Journal of Porous Media</i> , 2021, 24, 49-56.	1.9	3
113	Energy and exergy efficiency of water-based photovoltaic thermal (PVT) systems: an overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 10, 987.	0.6	3
114	Primary Study of Tracking Photovoltaic System for Mobile Station in Malaysia. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 427.	0.6	3
115	Electrical characteristic of photovoltaic thermal collector with water-multiwalled carbon nanotube nanofluid flow. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019, 13, 324.	0.8	3
116	Photovoltaic thermal (PVT) air collector with monofacial and bifacial solar cells: a review. <i>International Journal of Power Electronics and Drive Systems</i> , 2019, 10, 2021.	0.6	3
117	Mathematical Model of the Thermal Performance of Double-Pass Solar Collector for Solar Energy Application in Sierra Leone. <i>International Journal of Renewable Energy Development</i> , 2022, 11, 347-355.	2.4	3
118	Continuity Function on Partial Metric Space. <i>Journal of Mathematics and Statistics</i> , 2016, 12, 271-276.	0.2	2
119	Biological aspects of <i>Myopopone castanea</i> on its prey <i>Oryctes rhinoceros</i> larvae. <i>Journal of Insect Physiology</i> , 2020, 125, 104089.	2.0	2
120	The utilization of corncob for the manufacture of charcoal briquette as an alternative fuel. <i>Journal of Physics: Conference Series</i> , 2020, 1563, 012022.	0.4	2
121	Geochemical methods for mapping available-Si distribution in soils in West Sumatra, Indonesia. <i>Geoderma</i> , 2021, 384, 114833.	5.1	2
122	Accurate and Hybrid Regularization - Robust Regression Model in Handling Multicollinearity and Outlier Using 8SC for Big Data. <i>Mathematical Modelling of Engineering Problems</i> , 2021, 8, 547-556.	0.5	2
123	NATURAL CONVECTION IN A PARTIALLY OPEN-ENDED POROUS SQUARE CAVITY. <i>Journal of Porous Media</i> , 2014, 17, 563-572.	1.9	2
124	Activation Energy of Thin-layer Drying Kinetics of Belimbing Dayak Fruit (<i>Baccaurea</i>)	0.1	2
125	Application of Nanofluids for Photovoltaic Thermal (PVT) Collectors: A Review. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 74, 35-44.	0.6	2
126	Experimental Study of Photovoltaic Thermal-Thermoelectric (PVT-TE) Air Collector. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1390.	0.6	2

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127	Review of Energy and Exergy Analysis of Photovoltaic-Thermal (PVT) Collector. Jurnal Kejuruteraan, 2018, S11, 23-30.	0.3	2
128	Performance of grid-connected solar photovoltaic power plants in the Middle East and North Africa. International Journal of Electrical and Computer Engineering, 2019, 9, 3375.	0.7	2
129	Heat transfer and efficiency of dual channel PVT air collector: a review. International Journal of Power Electronics and Drive Systems, 2019, 10, 2037.	0.6	2
130	The development of a novel FM nanoadsorbent for heavy metal remediation in polluted water. South African Journal of Chemical Engineering, 2022, 39, 32-41.	2.4	2
131	Temperature Performance of a Portable Solar Greenhouse Dryer with Various Collector Design. Sains Malaysiana, 2020, 49, 2539-2545.	0.5	2
132	Predict the Shelf Life of Instant Chocolate in Vacuum Packing by Using Accelerated Shelf Life Test (ASLT). Mathematical Modelling of Engineering Problems, 2022, 9, 443-450.	0.5	2
133	Research and Development Work on Solar Assisted Drying Systems. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 701-714.	0.1	1
134	Rainfall Storm Modeling of Neyman-Scott Rectangular Pulse (NSRP) using Rainfall Cell Intensity Distributions. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 969-974.	0.1	1
135	Utilization of Holt's Forecasting Model for Zakat Collection in Indonesia. American Journal of Applied Sciences, 2016, 13, 1342-1346.	0.2	1
136	Performances of Fluidized Bed Drying Integrated with Biomass Furnace for Drying of Paddy. Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 473-480.	0.1	1
137	A multi due date batch scheduling model on dynamic flow shop to minimize total production cost. Contemporary Engineering Sciences, 0, 9, 315-324.	0.2	1
138	Performance Evaluation of Absorber Rod Type Solar Air Collector. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012073.	0.3	1
139	Power Bayesian Markov Chain Monte Carlo (MCMC) for Modelling Extreme Temperatures in Sumatra Island Using Generalised Extreme Value (GEV) and Generalised Logistic (GLO) Distributions. Mathematical Modelling of Engineering Problems, 2021, 8, 365-376.	0.5	1
140	Energy Analysis of Greenhouse Dryer for Ficus Carica L. Leaves. International Journal of Heat and Technology, 2021, 39, 810-816.	0.6	1
141	Catechin Extracted from Uncaria gambier Roxb for Nanocatechin Production: Physical and Chemical Properties. International Journal of Design and Nature and Ecodynamics, 2021, 16, 393-399.	0.5	1
142	Thermal Performance of Nanofluid Flow Inside Evacuated Tube Solar Collector. International Journal of Heat and Technology, 2021, 39, 1262-1270.	0.6	1
143	Effect of Different Papain Concentrations on the Properties of Chicken Skin Protein Hydrolysates. International Journal of Design and Nature and Ecodynamics, 2021, 16, 445-450.	0.5	1
144	Kecekapan Pengumpul PV/T menggunakan Pengumpul Terma Reka Bentuk Pilin. Sains Malaysiana, 2018, 47, 853-859.	0.5	1

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145	Fitting of Weibull Distribution Method to Analysis Wind Energy Potential at Kuala Terengganu, Malaysia. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 69, 13-22.	0.6	1
146	Review on Optimised Configuration of Hybrid Solar-PV Diesel System for Off-Grid Rural Electrification.. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1374.	0.6	1
147	Feasibility Study on Hybrid Solar Photovoltaic with Diesel Generator and Battery Storage Design and Sizing Using HOMER Pro®. <i>Jurnal Kejuruteraan</i> , 2018, S11, 69-76.	0.3	1
148	Improvement of Photovoltaic Module Efficiency using Spiral Absorber and Water. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 73, 131-139.	0.6	1
149	Indoor and outdoor investigation comparison of photovoltaic thermal air collector. <i>Bulletin of Electrical Engineering and Informatics</i> , 2020, 9, 1311-1317.	0.8	1
150	Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020, 19, 652.	0.8	1
151	Natural larvicide mixed lime leaf extract and galangal rhizome to mortality <i>Aedes aegypti</i> larvae. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 39, 102274.	3.1	1
152	Hybrid model in machine learningâ€“robust regression applied for sustainability agriculture and food security. <i>International Journal of Electrical and Computer Engineering</i> , 2022, 12, 4457.	0.7	1
153	Neyman Scott Rectangular Pulse Modeling for Storm Rainfall Analysis in Peninsular Malaysia. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2015, 11, 841-846.	0.1	0
154	Drying Kinetics and Drying Models of Terong Dayak (<i>Solanum lasiocarpum</i>). <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2016, 13, 197-201.	0.1	0
155	Mathematical Modeling of Belimbing Dayak Fruit (<i>Baccaurea angulata</i>) Influence of Different Drying Air Temperature. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2016, 13, 153-157.	0.1	0
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