

Nasruddin Nasruddin

List of Publications by Year in descending order

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145
papers

1,379
citations

430442

18
h-index

414034

32
g-index

147
all docs

147
docs citations

147
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of geothermal energy for electricity generation in Indonesia: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 53, 733-740.	8.2	160
2	Optimization of HVAC system energy consumption in a building using artificial neural network and multi-objective genetic algorithm. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 35, 48-57.	1.7	125
3	Energy and exergy analysis of kalina cycle system (KCS) 34 with mass fraction ammonia-water mixture variation. <i>Journal of Mechanical Science and Technology</i> , 2009, 23, 1871-1876.	0.7	62
4	Optimization of a cascade refrigeration system using refrigerant C3H8 in high temperature circuits (HTC) and a mixture of C2H6/CO2 in low temperature circuits (LTC). <i>Applied Thermal Engineering</i> , 2016, 104, 96-103.	3.0	59
5	Solar-assisted single-double-effect absorption chiller for use in Asian tropical climates. <i>Renewable Energy</i> , 2016, 99, 825-835.	4.3	55
6	Evaporation heat transfer coefficient in single circular small tubes for flow natural refrigerants of C3H8, NH3, and CO2. <i>International Journal of Multiphase Flow</i> , 2011, 37, 794-801.	1.6	49
7	Biological Metal-Organic Frameworks (Bio-MOFs) for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 37-51.	1.8	46
8	Operation performance enhancement of single-double-effect absorption chiller. <i>Applied Energy</i> , 2018, 219, 299-311.	5.1	38
9	Synthesis and characterization of a novel microporous lanthanide based metal-organic framework (MOF) using naphthalenedicarboxylate acid. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7409-7417.	2.6	36
10	Natural deep eutectic solvents (NADES) as green solvents for carbon dioxide capture. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	34
11	Adsorption Isotherms of CH ₄ on Activated Carbon from Indonesian Low Grade Coal. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 361-367.	1.0	26
12	Preparation and thermal characteristics of eutectic fatty acids/ Shorea javanica composite for thermal energy storage. <i>Applied Thermal Engineering</i> , 2016, 100, 62-67.	3.0	25
13	The optimization of exergoenvironmental factors in the combined gas turbine cycle and carbon dioxide cascade to generate power in LNG tanker ship. <i>Energy Conversion and Management</i> , 2020, 205, 112468.	4.4	24
14	Sensitivity analysis of steam power plant-binary cycle. <i>Energy</i> , 2010, 35, 3578-3586.	4.5	21
15	Techno-economic and environmental assessment of bioethanol production from high starch and root yield Sri Kanji 1 cassava in Malaysia. <i>Energy Reports</i> , 2016, 2, 246-253.	2.5	19
16	Exergy, exergoeconomic, and exergoenvironmental optimization of the geothermal binary cycle power plant at Ampallas, West Sulawesi, Indonesia. <i>Thermal Science and Engineering Progress</i> , 2020, 19, 100625.	1.3	19
17	Methodology for implementing power plant efficiency standards for power generation: potential emission reduction. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 309-327.	2.1	18
18	Hydrophilic and hydrophobic characteristics of dry peat. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 105, 012083.	0.2	18

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19	Hot water temperature prediction using a dynamic neural network for absorption chiller application in Indonesia. <i>Sustainable Energy Technologies and Assessments</i> , 2018, 30, 114-120.	1.7	18
20	Solar absorption chiller performance prediction based on the selection of principal component analysis. <i>Case Studies in Thermal Engineering</i> , 2019, 13, 100391.	2.8	18
21	Current and future strategies for spent nuclear fuel management in Indonesia. <i>Energy Strategy Reviews</i> , 2020, 32, 100575.	3.3	17
22	Operation strategy of a solar-gas fired single/double effect absorption chiller for space cooling in Indonesia. <i>Applied Thermal Engineering</i> , 2020, 178, 115524.	3.0	17
23	Optimization of post combustion CO ₂ absorption system monoethanolamine (MEA) based for 320MW coal-fired power plant application – Exergy and exergoenvironmental analysis. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101093.	2.8	17
24	Preparation of activated carbon from waste plastics polyethylene terephthalate as adsorbent in natural gas storage. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 176, 012055.	0.3	16
25	Simulation study using building-design energy analysis to estimate energy consumption of refrigerated container. <i>Energy Procedia</i> , 2019, 156, 207-211.	1.8	16
26	Preparation of Activated Carbon from Palm Shells using KOH and ZnCl ₂ as the Activating Agent. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 180, 012282.	0.3	15
27	Production of Activated Carbon from Coffee Grounds Using Chemical and Physical Activation Method. <i>Advanced Science Letters</i> , 2017, 23, 5751-5755.	0.2	15
28	Multi-objective genetic algorithm optimization with an artificial neural network for CO ₂ /CH ₄ adsorption prediction in metal-organic framework. <i>Thermal Science and Engineering Progress</i> , 2021, 25, 100967.	1.3	14
29	Passive cooling strategies in roof design to improve the residential building thermal performance in tropical region. <i>Asian Journal of Civil Engineering</i> , 2019, 20, 571-580.	0.8	13
30	Upgrading Waste Heat from 90 to 110°C: The Potential of Adsorption Heat Transformation. <i>Energy Technology</i> , 2021, 9, 2000643.	1.8	13
31	High-Pressure Adsorption Isotherms of Carbon Dioxide and Methane on Activated Carbon From Low-Grade Coal of Indonesia. <i>Heat Transfer Engineering</i> , 2017, 38, 396-402.	1.2	11
32	Stability, Viscosity, and Tribology Properties of Polyol Ester Oil-Based Biolubricant Filled with TEMPO-Oxidized Bacterial Cellulose Nanofiber. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-9.	1.2	11
33	Indonesia's Municipal Solid Waste 3R and Waste to Energy Programs. <i>Makara Journal of Technology</i> , 2018, 21, 153.	0.4	11
34	Adsorption Isotherms of Hydrogen on Granular Activated Carbon Derived From Coal and Derived From Coconut Shell. <i>Heat Transfer Engineering</i> , 2017, 38, 403-408.	1.2	10
35	Study on the CFD simulation of refrigerated container. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 257, 012042.	0.3	10
36	MXene Based Palm Oil Methyl Ester as an Effective Heat Transfer Fluid. <i>Journal of Nano Research</i> , 0, 68, 17-34.	0.8	10

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37	Preparation of Activated Carbon from Palm Shells Using KOH and ZnCl ₂ as the Activating Agent. IOP Conference Series: Earth and Environmental Science, 2017, 75, 012009.	0.2	9
38	Study of the use of nanomaterials as drilling mud additives. E3S Web of Conferences, 2018, 67, 02007.	0.2	9
39	Improvement of Carbon Dioxide Capture using Graphite Waste/ FE3O4 Composites. International Journal of Technology, 2017, 8, 1436.	0.4	9
40	Thermoeconomic Optimization of Cascade Refrigeration System Using Mixed Carbon Dioxide and Hydrocarbons at Low Temperature Circuit. Makara Journal of Technology, 2016, 20, 132.	0.4	8
41	Comparative study of the monthly global solar radiation estimation data in Jakarta. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012111.	0.2	8
42	Hourly solar radiation in Depok, West Java, Indonesia (106.7942 Longitude, -6.4025 Latitude). IOP Conference Series: Earth and Environmental Science, 2018, 105, 012088.	0.2	8
43	Numerical Simulation of a Two-bed Solar-driven Adsorption Chiller in a Tropical Climate. International Journal of Technology, 2015, 6, 594.	0.4	8
44	Optimization of Hydrogen Storage Capacity by Physical Adsorption on Open-ended Single-walled Carbon Nanotube as Diameter Function. International Journal of Technology, 2016, 7, 264.	0.4	8
45	Optimization of Dry Storage for Spent Fuel from G.A. Siwabessy Nuclear Research Reactor. International Journal of Technology, 2018, 9, 55.	0.4	8
46	Effect of Graphene Nanoplatelets on Tribological Properties of Bacterial Cellulose/Polyolester Oil Bio-Lubricant. Frontiers in Mechanical Engineering, 2022, 8, .	0.8	8
47	Bio-metal-organic framework-based cobalt glutamate for CO ₂ /N ₂ separation: Experimental and multi-objective optimization with a neural network. Chemical Engineering Research and Design, 2022, 162, 998-1014.	2.7	8
48	Study on the estimation of solar radiation: Case study: Jakarta, Indonesia. , 2017, , .		7
49	Turbidity factor coefficient on the estimation of hourly solar radiation in Depok City, Indonesia. Energy Reports, 2020, 6, 761-766.	2.5	7
50	Cultivation of Synechococcus HS-9 in a novel rectangular bubble column photobioreactor with horizontal baffle. Case Studies in Thermal Engineering, 2021, 27, 101264.	2.8	7
51	Synthesis and characterization of ionic liquid polymer composite with zeolite and its application for carbon dioxide capture. IOP Conference Series: Materials Science and Engineering, 0, 458, 012009.	0.3	6
52	CFD Simulation of Silica Gel as an Adsorbent on Finned Tube Adsorbent Bed. E3S Web of Conferences, 2018, 67, 01014.	0.2	6
53	Fatty acid of microalgae as a potential feedstock for biodiesel production in Indonesia. AIP Conference Proceedings, 2019, , .	0.3	6
54	Synthesis, Characterizations, and Adsorption Isotherms of CO ₂ on Chromium Terephthalate (MIL-101) Metal-organic Frameworks (Mofs). International Journal of Technology, 2019, 10, 1427.	0.4	6

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55	Sorption-based Energy Storage Systems: A Review. Makara Journal of Technology, 2019, 23, 16.	0.4	6
56	Characteristics of evacuated tubular solar thermal collector as input energy for cooling system at Universitas Indonesia. AIP Conference Proceedings, 2017, , .	0.3	5
57	Preparation and characterization of soybean straw activated carbon for natural gas storage. E3S Web of Conferences, 2018, 67, 03019.	0.2	5
58	Utilization of crown pineapple waste as raw material preparation of activated carbon as adsorbent in natural gas storage. E3S Web of Conferences, 2018, 67, 02018.	0.2	5
59	CFD Modelling of Adsorption Behaviour in AGN Tank with Polyethylene Terephthalate Plastic Waste Based Activated Carbon. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012015.	0.3	5
60	Quantification of the impact of temperature difference between two connected indoor spaces on 222Rn concentration. Building and Environment, 2019, 149, 322-329.	3.0	5
61	Generation of Microbubbles through Single Loop and Double Loop Fluid Oscillator for Photobioreactor Aeration. International Journal of Technology, 2019, 10, 1446.	0.4	5
62	Effect of Methane Gas Flow Rate on Adsorption Capacity and Temperature Distribution of Activated. International Journal of Technology, 2015, 6, 584.	0.4	5
63	An Experimental Investigation into the Effect of Thermostat Settings on the Energy Consumption of Household Refrigerators. International Journal of Technology, 2018, 9, 364.	0.4	5
64	Tubular Photobioreactor: A Preliminary Experiment Using Synechococcus sp. (Cyanobacteria) Cultivated in NPK Media for Biomass Production as Biofuel Feedstock. Evergreen, 2019, 6, 157-161.	0.3	5
65	Fatty acid characterization of indigenous cyanobacterial strains isolated from five hot springs in Indonesia. E3S Web of Conferences, 2018, 67, 02021.	0.2	4
66	Experimental performance of adsorption chiller with fin and tube heat exchanger. AIP Conference Proceedings, 2018, , .	0.3	4
67	Exergetic-Economic analysis and optimization of solar assisted heat pump using Multi-objective Genetic Algorithm. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012064.	0.2	4
68	Energy Analysis for the Solar Thermal Cooling System in Universitas Indonesia. International Journal of Air-Conditioning and Refrigeration, 2019, 27, 1950023.	0.8	4
69	Computational study on multi-objective optimization of the diffuser augmented horizontal axis tidal turbine. Journal of Marine Science and Technology, 0, , 1.	1.3	4
70	Characteristics and COP Cascade Refrigeration System using Hydrocarbon Refrigerant (Propane,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	4
71	CO2 Capture using Graphite Waste Composites and Ceria. International Journal of Technology, 2018, 9, 287.	0.4	4
72	Exergy Analysis and Exergoeconomic Optimization of a Binary Cycle System using a Multi Objective Genetic Algorithm. International Journal of Technology, 2018, 9, 275.	0.4	4

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73	Hydrogen Adsorption Behavior of Mechanically Milled and Pelletized Coconut Shell Activated Carbon. <i>Materials Science Forum</i> , 0, 737, 98-104.	0.3	3
74	Improved of Natural Gas Storage with Adsorbed Natural Gas (ANG) Technology Using Activated Carbon from Plastic Waste Polyethylene Terephthalate. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 75, 012018.	0.2	3
75	Exergoeconomic analysis and optimization of a combined double flash " binary cycle for Ulubelu geothermal power plant in Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 105, 012087.	0.2	3
76	Effect of aeration in simple photobioreactor system for biomass production of <i>synechococcus</i> sp. (cyanobacteria) HS-7 and HS-9 as biofuel feedstock. <i>E3S Web of Conferences</i> , 2018, 67, 02006.	0.2	3
77	CO ₂ /N ₂ adsorption selectivity using metal-organic framework MIL-101(Cr) for marine engine exhaust model. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	3
78	Experimental and Simulation Study on the Performance of Counter Flow Closed Cooling Tower Systems. <i>International Journal of Technology</i> , 2015, 6, 365.	0.4	3
79	Hydrogen Adsorption Capacity Reduction of Activated Carbon Produced from Indonesia Low Rank Coal by Pelletizing. <i>Sains Malaysiana</i> , 2015, 44, 747-752.	0.3	3
80	Simulation of Solar Organic Rankine Cycle System Using Turbocharger with Cycle Tempo and Environmentally Friendly Fluid. <i>Applied Mechanics and Materials</i> , 2013, 388, 13-17.	0.2	2
81	Effect of Hot Air Reservoir and Insulator Tray in the Development of Vacuum Freeze Drying. <i>Applied Mechanics and Materials</i> , 0, 388, 139-145.	0.2	2
82	Energy and Exergy Analysis of Kalina Cycle for the Utilization of Waste Heat in Brine Water for Indonesian Geothermal Field. <i>Makara Journal of Technology</i> , 2015, 19, 38.	0.4	2
83	Adsorption isotherms of natural gas on activated carbons from banana peel waste and water hyacinth. , 2017, , .		2
84	Energetic, economic and environmental (3E) optimization of solar assisted heat pump using low GWP refrigerant R1234ze(E) for high temperature application. , 2017, , .		2
85	Preliminary study of natural zeolite from Bayah for solar powered cooling application. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 105, 012001.	0.2	2
86	A low-cost media for leptolyngbya (cyanobacteria) strain growth isolated from indonesia as a potential biofuel feedstock. <i>E3S Web of Conferences</i> , 2018, 67, 02013.	0.2	2
87	Growth of mastigocladus (Cyanobacteria) HS-46 isolated from maribaya hot spring, indonesia in medium NPK as a potential biofuel feedstock. <i>E3S Web of Conferences</i> , 2018, 67, 02020.	0.2	2
88	Performance prediction of vaccine carrier using adsorption process and 13x/cacl ₂ composite zeolite as adsorbent. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 105, 012003.	0.2	2
89	Effects of aeration intensity as agitation in simple photobioreactors on leptolyngbya (cyanobacteria) growth as biofuel feedstock. <i>E3S Web of Conferences</i> , 2018, 67, 02011.	0.2	2
90	Characteristics Air Flow in Room Chamber Test Refrigerator Household Energy Consumption with Inlet Flow Variation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 316, 012002.	0.3	2

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91	The effect of modification photobioreactor bubble columns by using horizontal baffle on bubble velocity for microalgae. AIP Conference Proceedings, 2020, , .	0.3	2
92	Experimental analysis of Indonesian natural zeolites-water pair for closed system adsorption thermal energy storage. AIP Conference Proceedings, 2020, , .	0.3	2
93	Water adsorption behavior of Indonesian natural zeolite based on NaOH treatment: A preliminary study. AIP Conference Proceedings, 2020, , .	0.3	2
94	Preparation of metal-organic frameworks (MOFs) based Chromium 2,6-Naphtalenedicarboxylic Acid (MIL-101 NDC) for CO ₂ adsorption application. IOP Conference Series: Materials Science and Engineering, 2021, 1078, 012021.	0.3	2
95	Multiobjective optimization of synechocytis culture in flat-plate photobioreactor toward optimal growth and exergy. Journal of Physics: Conference Series, 2021, 1858, 012038.	0.3	2
96	Solar Air-conditioning System in University of Indonesia. International Journal of Technology, 2016, 7, 212.	0.4	2
97	Development of a compact freeze vacuum drying for jelly fish (Schypomedusae). , 2012, , .		1
98	Simulation and Optimization of Solar Thermal Cooling System in Manufacturing Research Center Building to Reduce Operational Cost Using Software EnergyPlus and GenOpt. Applied Mechanics and Materials, 0, 780, 81-86.	0.2	1
99	Performance evaluation of radiant cooling system application on a university building in Indonesia. AIP Conference Proceedings, 2017, , .	0.3	1
100	Design of a combination package of heat exchanger and heater for organic rankine cycle power plant. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012046.	0.2	1
101	Thermodynamic analysis and multi objective optimization of kalina and absorption cycle for power and cooling driven by lahendong geothermal source. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012099.	0.2	1
102	Multi objective optimization of microalgae flat plate photobioreactor design. E3S Web of Conferences, 2018, 67, 02053.	0.2	1
103	Preparation and Characterization of Graphite Waste/CeO ₂ Composites. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012030.	0.3	1
104	Optimization Study of Hydrogen Gas Adsorption on Zig-zag Single-walled Carbon Nanotubes: The Artificial Neural Network Analysis. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012031.	0.3	1
105	Critical analysis using FMEA fuzzy logic on geothermal steam turbine system. AIP Conference Proceedings, 2018, , .	0.3	1
106	Thermal behavior and structure stability analysis of Indonesian natural zeolite. AIP Conference Proceedings, 2020, , .	0.3	1
107	Preliminary design of microalgal biomass harvesting module using ultrasound wave trapping principle. AIP Conference Proceedings, 2020, , .	0.3	1
108	Modified Activated Carbon Using NiO for Natural Gas Storage. Materials Science Forum, 0, 1000, 311-317.	0.3	1

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109	Improved natural gas storage with adsorbed natural gas technology (ANG) using activated carbon from pineapple crown. Journal of Physics: Conference Series, 2020, 1430, 012002.	0.3	1
110	INVESTIGATION ON VOID FRACTION FOR TWO-PHASE FLOW PRESSURE DROP OF EVAPORATIVE R-290 IN HORIZONTAL TUBE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
111	Thermal Behavior and Characteristic of Pangandaran Natural Zeolite. Evergreen, 2019, 6, 225-229.	0.3	1
112	Multi-objective Optimization of a Two-bed Solar Adsorption Chiller based on Exergy and Economics. International Journal of Technology, 2018, 9, 1276.	0.4	1
113	Exergy and Exergoenvironmental Assessment and Optimization of Low GWP Refrigerant for Vapor Compression Heat Pump System. International Journal of Technology, 2018, 9, 1256.	0.4	1
114	Correlation of refrigerant mass flow rate through adiabatic capillary tubes using mixture refrigerant carbondioxide and ethane for low temperature applications. , 2012, , .		0
115	MODELING OF A NEW STRUCTURE OF PRECISION AIR CONDITIONING SYSTEM USING SECONDARY CONDENSER FOR RH REGULATION. MAKARA of Technology Series, 2012, 16, .	0.0	0
116	Experimental of Cascade Refrigeration System Using Natural Refrigerant Mixture Ethane and Carbon Dioxide at Low Temperature Circuit and Natural Refrigerant Propane at High Temperature Circuit. Applied Mechanics and Materials, 0, 388, 96-100.	0.2	0
117	Optimization of Electricity Generation Schemes in the Java-Bali Grid System with Co2 Reduction Consideration. Makara Journal of Technology, 2016, 20, 49.	0.4	0
118	Effect of superficial velocity on vaporization pressure drop with propane in horizontal circular tube. AIP Conference Proceedings, 2016, , .	0.3	0
119	Simulation of adsorber tube diameter's effect on new design silica gel-water adsorption chiller. AIP Conference Proceedings, 2017, , .	0.3	0
120	Design and performance prediction of solar adsorption cooling for mobile vaccine refrigerator. AIP Conference Proceedings, 2017, , .	0.3	0
121	Studies of the water adsorption on Lampung's natural zeolite of Indonesia for cooling application. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012001.	0.3	0
122	Utilization of waste heat from separation process of Ulubelu's geothermal power plant by implementing an Absorption Refrigeration System (ARS) to improve plant performance. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012110.	0.2	0
123	Design, development and performance prediction of solar heater for regeneration of adsorbent chamber. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012004.	0.2	0
124	Multi-objective optimization and integration of double effect absorption refrigeration system (DEARS) into Kamojang power plant (PP) to improve plant performance. AIP Conference Proceedings, 2018, , .	0.3	0
125	Simulation on Effects of Various Heat Load Layouts in Air Temperature Distribution of Container Data Center. , 2019, , .		0
126	Perfomance cycle analysis of optimum two-bed adsorption chiller. AIP Conference Proceedings, 2019, , .	0.3	0

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127	3D modeling of CFD simulation on the effect of M-package arrangement on household energy consumption. AIP Conference Proceedings, 2019, , .	0.3	0
128	Preface: The 10th International Meeting of Advances in Thermofluids (IMAT 2018). AIP Conference Proceedings, 2019, , .	0.3	0
129	An experimental investigation on mass effect of hydrocarbon refrigerant (R600a) on household refrigerator energy consumption. AIP Conference Proceedings, 2019, , .	0.3	0
130	Cultivation of <i>Synechococcus</i> HS-9 (cyanobacteria) isolated from Rawa Danau Banten hot spring using audible sound (music) as a strategy for improving photobioreactor. AIP Conference Proceedings, 2020, , .	0.3	0
131	Utilization of Indonesian local NPK fertilizer for biomass production of <i>Mastigocladus</i> HS-46 (cyanobacteria) isolated from Indonesia as potential biofuel feedstock. AIP Conference Proceedings, 2020, , .	0.3	0
132	Utilization of local fertilizer and spring water combination for growth medium of <i>Stanieria</i> HS-48 (cyanobacteria) as a biofuel feedstock. AIP Conference Proceedings, 2020, , .	0.3	0
133	Biomass production of indigenous strain <i>Nostoc</i> HS-20 in local NPK fertilizer solved in spring water of Lab. Alam FMIPA UI as alternative media for biofuel feedstock. AIP Conference Proceedings, 2020, , .	0.3	0
134	Characterization and potential use of Indonesian natural zeolite from Pangandaran-West Java for thermal energy storage application. AIP Conference Proceedings, 2020, , .	0.3	0
135	Thermal conductivity of trimethylolpropane trioleate (TMPTO) based bio-lubricant using molecular dynamic simulation. AIP Conference Proceedings, 2020, , .	0.3	0
136	Cultivation of <i>Chlorella</i> DPK-01 using audible sound (music) as a potential strategy for improving photobioreactor system. AIP Conference Proceedings, 2020, , .	0.3	0
137	Comparison of two microalgae rectangular airlift photobioreactors using computational fluid dynamics (CFD). AIP Conference Proceedings, 2020, , .	0.3	0
138	Modeling and experimental validation of solar collector plant for cooling system using quadratic programming based parameter estimation. AIP Conference Proceedings, 2021, , .	0.3	0
139	Biomass of <i>Mastigocladus</i> HS-46 in NPK medium with addition of bean sprout extract in flat photobioreactor system: As a potential biofuel feedstock. AIP Conference Proceedings, 2021, , .	0.3	0
140	The potency of microalgal biomass from agathis small lake, Universitas Indonesia as biofuel source: Study of dry season wild mix-culture. AIP Conference Proceedings, 2021, , .	0.3	0
141	Design and Experimental Study of Air Conditioning System using Brushless Direct Current (BLDC) Compressor in National Electric Car. International Journal of Technology, 2015, 6, 954.	0.4	0
142	Application of single-double-effect absorption chiller to utilize solar energy in the tropical regions. The Proceedings of the Symposium on Environmental Engineering, 2016, 2016.26, 419.	0.0	0
143	The Effect of Zeolite Adsorbent Granular Size on Solar Adsorption Chiller for Universitas Indonesia Area. International Journal of Technology, 2016, 7, 254.	0.4	0
144	Improving Hydrogen Physisorption Energy using SWCNTS through Structure Optimization and Metal Doping Substitution. International Journal of Technology, 2016, 7, 1454.	0.4	0

#	ARTICLE	IF	CITATIONS
145	A comprehensive data and information on low to medium temperature geothermal resources in Indonesia: a review. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	1.3	0