

ProfDr Hadiyanto

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7216661/profdr-hadiyanto-publications-by-citations.pdf>

Version: 2024-04-26

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.

186
papers

1,411
citations

19
h-index

31
g-index

223
ext. papers

1,905
ext. citations

1.6
avg, IF

5.19
L-index

#	Paper	IF	Citations
186	Overcoming shear stress of microalgae cultures in sparged photobioreactors. <i>Biotechnology and Bioengineering</i> , 2004 , 85, 78-85	4.9	107
185	Hydrodynamic evaluations in high rate algae pond (HRAP) design. <i>Chemical Engineering Journal</i> , 2013 , 217, 231-239	14.7	100
184	Pro-environmental Behavior from a SocialCognitive Theory Perspective. <i>Procedia Environmental Sciences</i> , 2015 , 23, 27-33		80
183	Quality prediction of bakery products in the initial phase of process design. <i>Innovative Food Science and Emerging Technologies</i> , 2007 , 8, 285-298	6.8	49
182	Phytoremediations of Palm Oil Mill Effluent (POME) by Using Aquatic Plants and Microalge for Biomass Production. <i>Journal of Environmental Science and Technology</i> , 2013 , 6, 79-90	0.6	46
181	Evaluation of polypropylene plastic degradation and microplastic identification in sediments at Tambak Lorok coastal area, Semarang, Indonesia. <i>Marine Pollution Bulletin</i> , 2020 , 151, 110868	6.7	44
180	Comparative Study of Bioactive Substances Extracted from Fresh and Dried Spirulina sp.. <i>Procedia Environmental Sciences</i> , 2015 , 23, 282-289		40
179	Optimization of Ethanol Production from Whey Through Fed-batch Fermentation Using <i>Kluyveromyces Marxianus</i> . <i>Energy Procedia</i> , 2014 , 47, 108-112	2.3	35
178	Study on Production Process of Biodiesel from Rubber Seed (<i>Hevea Brasiliensis</i>) by in Situ (Trans)Esterification Method with Acid Catalyst. <i>Energy Procedia</i> , 2013 , 32, 64-73	2.3	30
177	Product quality driven design of bakery operations using dynamic optimization. <i>Journal of Food Engineering</i> , 2008 , 86, 399-413	6	29
176	Multi-Criteria Decision Making (MCDM) Approach for Selecting Solar Plants Site and Technology: A Review. <i>International Journal of Renewable Energy Development</i> , 2019 , 8, 15	1.5	28
175	The development of heterogeneous catalyst C/CaO/NaOH from waste of green mussel shell (<i>Perna varidis</i>) for biodiesel synthesis. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 4559-4563	6.8	28
174	Ag Doped ZnO Thin Films Synthesized by Spray Coating Technique for Methylene Blue Photodegradation under UV Irradiation. <i>International Journal of Chemical Engineering</i> , 2016 , 2016, 1-6	2.2	27
173	Response Surface Optimization of Ultrasound Assisted Extraction (UAE) of Phycocyanin from Microalgae <i>Spirulina platensis</i> . <i>Emirates Journal of Food and Agriculture</i> , 2016 , 28, 227	1	24
172	The development of fly ash-supported CaO derived from mollusk shell of <i>Anadara granosa</i> and <i>Paphia undulata</i> as heterogeneous CaO catalyst in biodiesel synthesis. <i>International Journal of Energy and Environmental Engineering</i> , 2016 , 7, 297-305	4	22
171	Kinetic study on the effects of sugar addition on the thermal degradation of phycocyanin from <i>Spirulina sp.</i> . <i>Food Bioscience</i> , 2018 , 22, 85-90	4.9	21
170	Preparation and Characterization of <i>Anadara Granosa</i> Shells and CaCO ₃ as Heterogeneous Catalyst for Biodiesel Production. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016 , 11, 21	1.7	21

169	MULTI-OBJECTIVE OPTIMIZATION TO IMPROVE THE PRODUCT RANGE OF BAKING SYSTEMS. <i>Journal of Food Process Engineering</i> , 2009 , 32, 709-729	2.4	19
168	Control vector parameterization with sensitivity based refinement applied to baking optimization. <i>Food and Bioproducts Processing</i> , 2008 , 86, 130-141	4.9	19
167	Effects of drying temperature and relative humidity on the quality of dried onion slice. <i>Heliyon</i> , 2020 , 6, e04338	3.6	18
166	Optimum Design of Manganese-coated Copper Catalytic Converter to Reduce Carbon Monoxide Emissions on Gasoline Motor. <i>Procedia Environmental Sciences</i> , 2015 , 23, 86-92		18
165	Assessing Carbon Stock and Sequestration of the Tropical Seagrass Meadows in Indonesia. <i>Ocean Science Journal</i> , 2020 , 55, 85-97	1.1	17
164	Cultivation of <i>Chlorella</i> sp. as Biofuel Sources in Palm Oil Mill Effluent (POME). <i>International Journal of Renewable Energy Development</i> , 2012 , 1, 45-49	1.5	17
163	Ethanol Production from Whey by <i>Kluyveromyces marxianus</i> in Batch Fermentation System: Kinetics Parameters Estimation. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013 , 7,	1.7	17
162	A Review on the Performance, Combustion, and Emission Characteristics of Spark-Ignition Engine Fueled With 2,5-Dimethylfuran Compared to Ethanol and Gasoline. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021 , 143,	2.6	17
161	Enhancement of <i>Chlorella vulgaris</i> Biomass Cultivated in POME Medium as Biofuel Feedstock under Mixotrophic Conditions. <i>Journal of Engineering and Technological Sciences</i> , 2015 , 47, 487-497	2.3	17
160	Integrated Biogas-microalgae from Waste Waters as the Potential Biorefinery Sources in Indonesia. <i>Energy Procedia</i> , 2014 , 47, 143-148	2.3	14
159	Electrogenic and biomass production capabilities of a Microalgae-Microbial fuel cell (MMFC) system using tapioca wastewater and <i>Spirulina platensis</i> for COD reduction. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019 , 1-12	1.6	13
158	Microbial fuel cells for bioelectricity production from waste as sustainable prospect of future energy sector. <i>Chemosphere</i> , 2022 , 287, 132285	8.4	13
157	Encapsulation of phycocyanin-alginate for high stability and antioxidant activity. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 55, 012030	0.3	12
156	Performance evaluation of yeast-assisted microalgal microbial fuel cells on bioremediation of cafeteria wastewater for electricity generation and microalgae biomass production. <i>Biomass and Bioenergy</i> , 2020 , 139, 105617	5.3	12
155	Biosorption of Heavy Metal Cu ²⁺ and Cr ²⁺ in Textile Wastewater by Using Immobilized Algae. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014 , 7, 3539-3543	0.2	12
154	Assessing the Environmental Performance of Palm Oil Biodiesel Production in Indonesia: A Life Cycle Assessment Approach. <i>Energies</i> , 2020 , 13, 3248	3.1	12
153	Comparative analysis between pyrolysis products of <i>Spirulina platensis</i> biomass and its residues. <i>International Journal of Renewable Energy Development</i> , 2019 , 8, 133	1.5	11
152	Batch and Fed-Batch Fermentation System on Ethanol Production from Whey using <i>Kluyveromyces marxianus</i> . <i>International Journal of Renewable Energy Development</i> , 2013 , 2, 127-131	1.5	10

151	Effects of Carrageenan and Chitosan as Coating Materials on the Thermal Degradation of Microencapsulated Phycocyanin from <i>Spirulina</i> sp.. <i>International Journal of Food Engineering</i> , 2019 , 15,	1.9	9
150	Multi-Feedstocks Biodiesel Production from Esterification of <i>Calophyllum inophyllum</i> Oil, Castor Oil, Palm Oil and Waste Cooking Oil. <i>International Journal of Renewable Energy Development</i> , 2020 , 9, 119-123	1.5	9
149	Biogas Production from Rice Husk Waste by using Solid State Anaerobic Digestion (SSAD) Method. <i>E3S Web of Conferences</i> , 2018 , 31, 02007	0.5	9
148	Diatom assemblage in the 24 cm upper sediment associated with human activities in Lake Warna Dieng Plateau Indonesia. <i>Environmental Technology and Innovation</i> , 2018 , 10, 314-323	7	9
147	Biodiesel Production from Reutealis Trisperma Oil Using KOH Impregnated Eggshell as a Heterogeneous Catalyst. <i>Energies</i> , 2019 , 12, 3714	3.1	9
146	The Effects of Audible Sound for Enhancing the Growth Rate of Microalgae <i>Haematococcus pluvialis</i> in Vegetative Stage. <i>HAYATI Journal of Biosciences</i> , 2017 , 24, 149-155	1.2	9
145	Modeling and PSO optimization of Humidifier-Dehumidifier desalination. <i>International Journal of Renewable Energy Development</i> , 2018 , 7, 59	1.5	9
144	Bioelectricity Production from Microalgae-Microbial Fuel Cell Technology (MMFC). <i>MATEC Web of Conferences</i> , 2018 , 156, 01017	0.3	8
143	Preparation of Heterogeneous CaO Catalysts for Biodiesel Production. <i>Journal of Physics: Conference Series</i> , 2017 , 877, 012018	0.3	8
142	Potency of Microalgae as Biodiesel Source in Indonesia. <i>International Journal of Renewable Energy Development</i> , 2012 , 1, 23-27	1.5	8
141	Optimization of Biogas Production from Rice Husk Waste by Solid State Anaerobic Digestion (SSAD) Using Response Surface Methodology. <i>Journal of Environmental Science and Technology</i> , 2018 , 11, 147-156	0.6	8
140	Biodiesel Production From Nyamplung (<i>Calophyllum inophyllum</i>) Oil using Ionic Liquid as A Catalyst and Microwave Heating System. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017 , 12, 293	1.7	8
139	Response surface optimization of lipid and protein extractions from using ultrasound assisted osmotic shock method. <i>Food Science and Biotechnology</i> , 2018 , 27, 1361-1368	3	8
138	Catalyst-Based Synthesis of 2,5-Dimethylfuran from Carbohydrates as a Sustainable Biofuel Production Route. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 3079-3115	8.3	8
137	Improvement of Stability and Antioxidant Activities by Using Phycocyanin - Chitosan Encapsulation Technique. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 55, 012052	0.3	7
136	Synthesized of Double Layer Thin Film ZnO/ZnO:Ag by Sol-Gel Method for Direct Blue 71 Photodegradation. <i>Reaktor</i> , 2015 , 15,	0.5	7
135	Interactions between polyethylene and polypropylene microplastics and sp. microalgae in aquatic systems. <i>Heliyon</i> , 2021 , 7, e07676	3.6	7
134	Energy storage onboard zero-emission two-wheelers: Challenges and technical solutions. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 47, 101435	4.7	7

133	Geothermal solid waste derived Ni/Zeolite catalyst for waste cooking oil processing. <i>Chemosphere</i> , 2022 , 286, 131618	8.4	7
132	The Physical and Photocatalytic Properties of N-Doped TiO ₂ Polycrystalline Synthesized by a Single Step Sonochemical Method at Room Temperature. <i>Materials Science Forum</i> , 2017 , 890, 121-126	0.4	6
131	Photocatalytic activity of cobalt-doped zinc oxide thin film prepared using the spray coating technique. <i>Materials Research Express</i> , 2017 , 4, 076409	1.7	6
130	The Influence of Nitrogen Doping Concentration on the Strain and Band Gap Energy of N-Doped Zinc Oxide Prepared Using Spray Coating Technique. <i>Solid State Phenomena</i> , 2017 , 266, 141-147	0.4	6
129	Utilization of Coconut Milk Skim Effluent (CMSE) as Medium Growth for <i>Spirulina platensis</i> . <i>Procedia Environmental Sciences</i> , 2015 , 23, 72-77		6
128	Energy exergy analysis and mathematical modeling of cassava starch drying using a hybrid solar dryer. <i>Cogent Engineering</i> , 2020 , 7, 1771819	1.5	6
127	Influence of Various Basin Types on Performance of Passive Solar Still: A Review. <i>International Journal of Renewable Energy Development</i> , 2021 , 10, 789-802	1.5	6
126	Response surface optimization of microalgae microbial fuel cell (MMFC) enhanced by yeast immobilization for bioelectricity production. <i>Chemosphere</i> , 2022 , 287, 132275	8.4	6
125	Geothermal industry waste-derived catalyst for enhanced biohydrogen production. <i>Chemosphere</i> , 2020 , 258, 127274	8.4	5
124	Preparation of KI/Hydroxyapatite Catalyst from Phosphate Rocks and Its Application for Improvement of Biodiesel Production. <i>Molecules</i> , 2020 , 25,	4.8	5
123	Biofixation of Carbon dioxide by <i>Chlamydomonas</i> sp. in a Tubular Photobioreactor. <i>International Journal of Renewable Energy Development</i> , 2012 , 1, 10-14	1.5	5
122	Rootlike Morphology of ZnO:Al Thin Film Deposited on Amorphous Glass Substrate by Sol-Gel Method. <i>Research Letters in Physics</i> , 2016 , 2016, 1-7		5
121	Application of Tin(II) Chloride Catalyst for High FFA Jatropha Oil Esterification in Continuous Reactive Distillation Column. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016 , 11, 66	1.7	5
120	Performance Analysis of Solar Tray Dryer for Cassava Starch. <i>MATEC Web of Conferences</i> , 2018 , 156, 05008		4
119	The effects of temperature and frequencies in ultrasound assisted extraction of phycocyanin from microalgae <i>Spirulina</i> sp 2015 ,		4
118	Synthesis and characterization of ZnO:TiO ₂ nano composites thin films deposited on glass substrate by sol-gel spray coating technique 2015 ,		4
117	ENVIRONMENTAL CARRYING CAPACITY BASED ON LAND BALANCE FOR EVALUATION PLANNING OF SPATIAL AND REGIONAL IN SOLOK REGENCY, WEST SUMATRA. <i>Journal of Ecological Engineering</i> , 2017 , 18, 22-30	2	4
116	Estimating Environmental Impact Potential of Small Scale Fish Processing using Life Cycle Assessment. <i>Journal of Ecological Engineering</i> , 2018 , 19, 65-74	2	4

115	The influence of polypropylene- and polyethylene microplastics on the quality of Spirulina sp. harvests. <i>Food Research</i> , 2020 , 4, 1739-1743	1.5	4
114	Optimization of Cellulase Production by <i>Aspergillus niger</i> ITBCC L74 with Bagasse as Substrate using Response Surface Methodology. <i>HAYATI Journal of Biosciences</i> , 2018 , 25, 115	1.2	4
113	Kinetic Study on Ultrasound Assisted Biodiesel Production from Waste Cooking Oil. <i>Journal of Engineering and Technological Sciences</i> , 2015 , 47, 374-388	2.3	4
112	Diatoms and Water Quality of Telaga Warna Dieng, Java Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 55, 012051	0.3	4
111	Development of heterogeneous catalyst from chicken bone and catalytic testing for biodiesel with simultaneous processing. <i>IOP Conference Series: Materials Science and Engineering</i> , 509, 012125	0.4	4
110	APPLICATION OF <i>Spirulina platensis</i> ON ICE CREAM AND SOFT CHEESE WITH RESPECT TO THEIR NUTRITIONAL AND SENSORY PERSPECTIVES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	4
109	Bioethanol Production from Iles-Iles (<i>Amorphophallus campanulatus</i>) Flour by Fermentation using <i>Zymomonas mobilis</i> . <i>International Journal of Renewable Energy Development</i> , 2016 , 5, 9-14	1.5	4
108	Production of antioxidant C-phycoyanin using extraction process of <i>Spirulina platensis</i> in large scale industry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 633, 012025	0.4	4
107	Thermal degradation kinetics of phycocyanin encapsulation as an antioxidant agent. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 102, 012055	0.3	4
106	Ozone Application for Tofu Waste Water Treatment and Its Utilisation for Growth Medium of Microalgae <i>Spirulina</i> sp. <i>E3S Web of Conferences</i> , 2018 , 31, 03002	0.5	4
105	Study on the effect of different concentration of <i>Spirulina platensis</i> paste added into dried noodle to its quality characteristics. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 55, 012068	0.3	3
104	Biodiesel Production by Using CaO Catalyst and Ultrasonic Assisted. <i>Journal of Physics: Conference Series</i> , 2017 , 877, 012037	0.3	3
103	Analyzing spatiotemporal types and patterns of urban growth in watersheds that flow into Jakarta Bay, Indonesia. <i>Remote Sensing Applications: Society and Environment</i> , 2019 , 14, 170-177	2.8	3
102	Biocomposite of bacterial cellulose based from yam bean (<i>Pachyrhizus erosus</i> L. Urban) reinforced by bamboo microfibrillated cellulose through in situ method 2020 ,		3
101	Climate Change In Indonesia (Case Study : Medan, Palembang, Semarang). <i>E3S Web of Conferences</i> , 2018 , 31, 09017	0.5	3
100	Pretreatment of Starch-Free Sugar Palm Trunk (<i>Arenga pinnata</i>) to Enhance Saccharification in Bioethanol Production. <i>MATEC Web of Conferences</i> , 2018 , 156, 01003	0.3	3
99	Synthesis of Zeolite X Molecular Sieve from Geothermal Solid Waste. <i>Materials Today: Proceedings</i> , 2019 , 13, 137-142	1.4	3
98	Preparation of sago starch-based biocomposite reinforced microfibrillated cellulose of bamboo assisted by mechanical treatment 2017 ,		3

97	The improvement of phycocyanin stability extracted from Spirulina sp using extrusion encapsulation technique 2015 ,		3
96	IMPROVED YIELD OF β CAROTENE FROM MICROALGAE SPIRULINA PLATENSIS USING ULTRASOUND ASSISTED EXTRACTION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015 , 77,	1.2	3
95	Improvement of Clove Oil Quality by Using Adsorption-distillation Process. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014 , 7, 3867-3871	0.2	3
94	The water quality parameters controlling diatoms assemblage in Rawapening Lake, Indonesia. <i>Biodiversitas</i> , 2016 , 17,	1.5	3
93	Enhancement of separation performance of asymmetric cellulose acetate membrane for produced water treatment using response surface methodology. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018 , 24, 139-147	0.7	3
92	Analysis of thermal performance of wood and exposed stone-walled buildings in mountainous areas with building envelop variations. <i>Journal of Applied Engineering Science</i> , 2019 , 17, 321-332	1.2	3
91	Effect of Dilute Acid and Alkaline Pretreatments on Enzymatic Saccharification of Palm Tree Trunk Waste for Bioethanol Production. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019 , 14, 705	1.7	3
90	Rubber wastewater treatment using UV, ozone, and UV/ozone and its effluent potency for microalgae Spirulina platensis cultivation medium. <i>Cogent Engineering</i> , 2020 , 7, 1797980	1.5	3
89	Energy Balance Calculation with Life Cycle Assessment for Production of Palm Biodiesel in Indonesia. <i>E3S Web of Conferences</i> , 2019 , 125, 10005	0.5	3
88	Significant differences in invertebrate assemblages between low- and high-uplifted intertidal shores in the Simeulue Island, Indonesia, after a megathrust earthquake of 2004 and 2005. <i>Community Ecology</i> , 2020 , 21, 79-89	1.2	3
87	Interaction between Styrofoam and Microalgae in Brackish Water System. <i>Toxics</i> , 2021 , 9,	4.7	3
86	Production of Biodiesel from Mixed Waste Cooking and Castor Oil. <i>MATEC Web of Conferences</i> , 2018 , 156, 03056	0.3	3
85	Technical and Economic Analysis of Municipal Solid Waste Potential for Waste to Energy Plant (Case Study: Jatibarang Landfill Semarang, Central Java, Indonesia). <i>E3S Web of Conferences</i> , 2020 , 190, 00027	0.5	2
84	Hybrid solar dryer for sugar-palm vermicelli drying. <i>Journal of Food Process Engineering</i> , 2020 , 43, e13471	1.4	2
83	Production of biodiesel from waste cooking oil using heterogeneous catalysts KI/ Al_2O_3 . <i>Journal of Environmental Engineering and Science</i> , 2020 , 15, 107-112	0.8	2
82	Energy Analysis of a Hybrid Solar Dryer for Drying Coffee Beans. <i>International Journal of Renewable Energy Development</i> , 2020 , 9, 131-139	1.5	2
81	Analysis of Priority Scale for Watershed Reforestation Using Trapezoidal Fuzzy VIKOR Method: A Case Study in Semarang, Central Java Indonesia. <i>Symmetry</i> , 2020 , 12, 507	2.7	2
80	Performance Evaluation of Pneumatic Dryer for Aren (Arenga pinnata) Flour. <i>MATEC Web of Conferences</i> , 2018 , 156, 05023	0.3	2

79	APPLICATION OF PHYTOREMEDIATION FOR HERBAL MEDICINE WASTE AND ITS UTILIZATION FOR PROTEIN PRODUCTION. <i>Reaktor</i> , 2012 , 14, 129	0.5	2
78	APLIKASI FITOREMEDIASI LIMBAH JAMU DAN PEMANFAATANNYA UNTUK PRODUKSI PROTEIN. <i>Jurnal Ilmu Lingkungan</i> , 2012 , 10, 32	0.4	2
77	Biogas Potential from the Treatment of Solid Waste of Dairy Cattle: Case Study at Bangka Botanical Garden Pangkalpinang. <i>International Journal of Waste Resources</i> , 2013 , 03,		2
76	Phytoremediation of Palm Oil Mill Effluent Using Pistia Stratiotes Plant and Algae Spirulina sp for Biomass Production. <i>International Journal of Engineering, Transactions B: Applications</i> , 2014 , 27,	1.9	2
75	Performance study of hybrid solar dryer for cassava starch 2020 ,		2
74	Effect of frequency, temperature, and time of sonication on xanton content of mangosteen (<i>Garcinia mangostana</i> L.) peel extract through ultrasound assisted extraction. <i>E3S Web of Conferences</i> , 2019 , 125, 25006	0.5	2
73	Potential of melanin free ink as antioxidant and its application for preserving and predicting shelf life of salted-boiled milkfish. <i>International Journal of Postharvest Technology and Innovation</i> , 2019 , 6, 57	0.3	2
72	The nutritional enrichment of dried noodles by using phycocyanin extracted from Spirulina sp as an effort of food fortification. <i>Journal of Physics: Conference Series</i> , 2019 , 1295, 012036	0.3	2
71	Characteristics of eugenol loaded chitosan-tripolyphosphate particles as affected by initial content of eugenol and their in-vitro release characteristic. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 349, 012010	0.4	2
70	The flocculation process of Chlorella sp. using chitosan as a bio-flocculant: Optimization of operating conditions by response surface methodology. <i>Current Research in Green and Sustainable Chemistry</i> , 2022 , 5, 100291	4.1	2
69	Microbial degradation of batik waste water treatment in Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 314, 012020	0.3	1
68	Synthesis and characterization of sodium lignosulfonate surfactant with polyethylene glycol for enhanced oil recovery 2020 ,		1
67	Enhancement of Hybrid SPEEK Based Polymer Cyclodextrin-Silica Inorganic Membrane for Direct Methanol Fuel Cell Application. <i>International Journal of Renewable Energy Development</i> , 2017 , 6, 165	1.5	1
66	Application of Pesticide Phytoremediation in Irrigated Rice Fields System Using Eceng Gondok (<i>Eichhornia crassipes</i>) Plants. <i>E3S Web of Conferences</i> , 2018 , 31, 03019	0.5	1
65	Find the future from the past: Paleolimnology in Indonesia. <i>E3S Web of Conferences</i> , 2018 , 31, 08002	0.5	1
64	Optimization of Eugenol Extraction from Clove Oil using Response Surface Methodology. <i>Modern Applied Science</i> , 2015 , 9, 68	1.3	1
63	PEMANFAATAN LIMBAH CAIR INDUSTRI TAHU UNTUK PRODUKSI BIOMASSA MIKROALGA <i>Nannochloropsis</i> Sp SEBAGAI BAHAN BAKU BIODIESEL. <i>Reaktor</i> , 2015 , 15, 253	0.5	1
62	ORGANIC WASTE'S POTENTIAL AS RENEWABLE ENERGY AT SUPIT URANG LANDFILL IN MALANG CITY. <i>Jurnal Presipitasi</i> , 2015 , 12, 71	0.1	1

61	Potential of Conceptual Design Methodology for Food Process Innovation. <i>Food Science and Technology International</i> , 2008 , 14, 139-149	2.6	1
60	Quantum yield optimization of carbon dots using response surface methodology and its application as control of Fe ³⁺ ion levels in drinking water. <i>Materials Research Express</i> , 2022 , 9, 015702	1.7	1
59	"Biopellet" as One of Future Promising Biomassbased Renewable Energy: a Review. <i>E3S Web of Conferences</i> , 2021 , 317, 04029	0.5	1
58	Kinetics of Fermentation Process in Bioethanol Production from Solid Waste Bread. <i>Advanced Science Letters</i> , 2017 , 23, 2521-2523	0.1	1
57	Analysis of Total Mangrove Carbon Stock Degradation in Kendari Bay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 448, 012026	0.3	1
56	Implementation of UI GreenMetric at Diponegoro University in order to Environmental Sustainability Efforts. <i>E3S Web of Conferences</i> , 2019 , 125, 02007	0.5	1
55	Alternatives to groundwater abstraction as a measure to stop land subsidence: a case study of Semarang, Indonesia. <i>E3S Web of Conferences</i> , 2019 , 125, 01003	0.5	1
54	Improvements in thermal efficiency of onion slice drying by exhaust air recycling. <i>Cogent Engineering</i> , 2021 , 8, 1920562	1.5	1
53	The Ability of Water Hyacinth (<i>Eichhornia crasipes</i> Mart.) and Water Lettuce (<i>Pistia stratiotes</i> Linn.) for Reducing Pollutants in Batik Wastewater. <i>E3S Web of Conferences</i> , 2021 , 226, 00010	0.5	1
52	Microalgae Microbial Fuel Cell (MMFC) using <i>Chlorella vulgaris</i> and Batik Wastewater as Bioelectricity. <i>E3S Web of Conferences</i> , 2021 , 226, 00032	0.5	1
51	Determination Of Heavy Metals (Pb, Zn, Cd, Cu) of Coastal Urban Area of Semarang Indonesia. <i>E3S Web of Conferences</i> , 2018 , 73, 03017	0.5	1
50	Flare gas recovery as one of the clean development mechanism (CDM) practices. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 200, 012023	0.3	1
49	Encapsulation Rutin with Chitosan-NATPP Using Coaservation Method. <i>Reaktor</i> , 2018 , 17, 215	0.5	1
48	Cultivating Microalgae <i>Botryococcus braunii</i> in Tofu Whey Medium 2022 , 1, 12-19		1
47	Evaluation Of <i>Spirulina</i> , <i>Nannochloropsis</i> , and <i>Chlorella</i> Micro-algae Growth in Palm Oil Mill Effluent (POME) Medium with Variation of Medium Types and Time Adding Nutrient 2022 , 1, 27-32		1
46	Optimization of light intensity and color temperature in the cultivation of <i>Chlorella vulgaris</i> culture using the Surface Response Method 2022 , 1, 33-41		1
45	Evaluating the environmental impacts of the multi-feedstock biodiesel production process in Indonesia using life cycle assessment (LCA). <i>Energy Conversion and Management</i> , 2022 , 266, 115832	10.6	1
44	Preparation and Characterization of Volcanic Ash-chitosan Composite Ceramic Membrane for Clean Water Production. <i>Journal of Environmental Science and Technology</i> , 2018 , 11, 112-118	0.6	0

43	Analysis of Environmental Carrying Capacity Based on Land Balance in Solok Regency, West Sumatra. <i>Advanced Science Letters</i> , 2017 , 23, 2407-2409	0.1	o
42	Bioelectricity production from tofu wastewater using microbial fuel cells with microalgae <i>Spirulina</i> sp as catholyte. <i>E3S Web of Conferences</i> , 2020 , 202, 08007	0.5	o
41	Towards an optimal hybrid solar method for lime-drying behavior. <i>Heliyon</i> , 2020 , 6, e05356	3.6	o
40	Marine ecoregions and subcoregions within Indo-West Australian waters: A statistical approach based on species distributions. <i>Journal of Biogeography</i> , 2021 , 48, 2246-2257	4.1	o
39	Life cycle assessment of biodiesel production from crude palm oil: A case study of three Indonesian biodiesel plants. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012002	0.3	o
38	Basic Framework of Regional Model for Disaster Waste Estimation and Distribution by Using Spatial Approach in Central Java-Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 396, 012019	0.3	o
37	PENGARUH KATALIS GENTENG TANAH LIAT DALAM PRODUKSI BAHAN BAKAR CAIR DARI LIMBAH BAN BEKAS DENGAN PROSES PIROLISIS. <i>Jurnal Energi Baru Dan Terbarukan</i> , 2021 , 1, 51-58	0.3	o
36	Potency of Yeast \square Microalgae <i>Spirulina</i> Collaboration in Microalgae-Microbial Fuel Cells for Cafeteria Wastewater Treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 209, 012022	0.3	o
35	The effect of salinity on the interaction between microplastic polyethylene terephthalate (PET) and microalgae <i>Spirulina</i> sp. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	o
34	Optimization of flocculation efficiency and settling time using chitosan and eggshell as bio-flocculant in <i>Chlorella pyrenoidosa</i> harvesting process. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101959	7	o
33	Optimization of biodiesel production from waste cooking oil using \square Fe ₂ O ₃ /HAP catalyst via simultaneous esterification-transesterification reaction. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022 , 44, 4050-4061	1.6	o
32	Binderless carbon nanotube/carbon felt anode to improve yeast microbial fuel cell performance. <i>Current Research in Green and Sustainable Chemistry</i> , 2022 , 5, 100323	4.1	o
31	Chemical oxygen demand (COD) degradation of herbal, tofu and fertilizer wastewater using UV/Ozone oxidation methods. <i>Journal of Physics: Conference Series</i> , 2019 , 1217, 012052	0.3	
30	Regional Model Development of Plastic Waste Monitoring: Basic Framework from Population and Public Market in Central Java-Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 448, 012098	0.3	
29	Application of Life Cycle Assessment (LCA) in Sugar Industries. <i>E3S Web of Conferences</i> , 2018 , 31, 04011	0.5	
28	Effect of Melanin Free Ink Extracted From Squid (<i>Loligo</i> sp.) on Proximate and Sensory Characteristics of Soft-Bone Milkfish (<i>Chanos chanos</i>) During Storage. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 116, 012031	0.3	
27	Pretreatment of Herbal, Tofu and Fertilizer Waste Using UV/Ozon Technique and Its Utilization for <i>Spirulina</i> sp Cultivation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 248, 012071	0.3	
26	Utilizing Palm Oil Mill Waste for Co-Production of Biogas and Microalgae Biomass. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 248, 012073	0.3	

25	Biofiksasi CO ₂ Oleh Mikroalga Chlamydomonas sp dalam Photobioreaktor Tubular. <i>Reaktor</i> , 2014 , 15, 37	0.5
24	Optimization of C/N Ratio to Biogas Production from Rice Husk Waste by Using Solid State Anaerobic Digestion (SS-AD). <i>Advanced Science Letters</i> , 2018 , 24, 9651-9652	0.1
23	Effect of NaOH on biogas production under SSAD conditions along with kinetics studies. <i>Jurnal Ilmu Lingkungan</i> , 2020 , 18, 319-322	0.4
22	Kinetic of Biogas Production in a Batch Anaerobic Digestion Process with Interference of Preservative Material of Sodium Benzoate. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020 , 15, 898-906	1.7
21	Study of low head turbine propellers axial flow for use of micro-hydropower plant (MHP) in Aceh, Indonesia. <i>Journal of Physics: Conference Series</i> , 2020 , 1524, 012019	0.3
20	Regional Model of Smart Construction Waste Monitoring: Household Base Framework in Central Java-Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 448, 012079	0.3
19	Utilization of carrageenan and chitosan as coating material in phycocyanin encapsulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 633, 012038	0.4
18	Performance of Aerobic Microbial Granules in Organic Carbon Removal as a Method in the Treatment of Biodegradable Wastewater. <i>E3S Web of Conferences</i> , 2019 , 125, 03014	0.5
17	Revitalization of Coastal Java Society's Traditional Art in Multimedia Form. <i>International Journal of Social Ecology and Sustainable Development</i> , 2021 , 12, 21-32	0.4
16	Pyrolysis of Water Hyacinth [<i>Eichhornia crassipes</i> (Mart.) Solms] for Liquid Smoke Production. <i>E3S Web of Conferences</i> , 2021 , 226, 00038	0.5
15	Analysis slope stability based on physical properties in Cepoko Village, Indonesia. <i>Cogent Engineering</i> , 2021 , 8, 1940637	1.5
14	EFEKTIVITAS LIMBAH KULIT NANAS MADU KERING (<i>Ananas Comosus</i> L.Merr) UNTUK PEMBUATAN BIOETANOL DENGAN PROSES FERMENTASI DAN DISTILASI. <i>Jurnal Energi Baru Dan Terbarukan</i> , 2021 , 1, 32-41	0.3
13	Improvement of lipid yield from microalgae <i>Spirulina platensis</i> using ultrasound assisted osmotic shock extraction method. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 102, 012012	0.3
12	The Application Potential of Eco-Efficiency for Greening Company. <i>E3S Web of Conferences</i> , 2018 , 31, 07012	0.5
11	The Influence of Microbial Consortium and C/N Ratio to Biogas Production from Rice Husk Waste by Using Solid State Anaerobic Digestion (SS-AD). <i>E3S Web of Conferences</i> , 2018 , 73, 01018	0.5
10	Root Uptake and Distribution of Radionuclides ¹³⁴ Cs and ⁶⁰ Co in Sunflower Plants (<i>Helianthus annuus</i> . L). <i>E3S Web of Conferences</i> , 2018 , 73, 05027	0.5
9	Preliminary Design of Industrial Symbiosis of Smes Using Material Flow Cost Accounting (MFCA) Method. <i>E3S Web of Conferences</i> , 2018 , 31, 04008	0.5
8	The Effectiveness of Using Hyacinth Plant As Phytoremediation Agent On Paper Industry Liquid Waste. <i>E3S Web of Conferences</i> , 2018 , 73, 07003	0.5

- 7 Sustainable use of water resource at North Kendeng Mountain, Central Java, Indonesia. *IOP Conference Series: Earth and Environmental Science*, **2018**, 191, 012005 0.3
- 6 The role of health and safety experts in the management of hazardous and toxic wastes in Indonesia. *E3S Web of Conferences*, **2018**, 31, 07011 0.5
- 5 Improvement the Yoghurt Nutritional Value, Organoleptic Properties and Preferences by Spirulina (*Spirulina platensis*) Supplementation. *IOP Conference Series: Materials Science and Engineering*, **2018**, 349, 012040 0.4
- 4 Solid-liquid anaerobic baffled reactor treating food waste. *MATEC Web of Conferences*, **2018**, 156, 030420.3
- 3 Vinasse as Cultivation Medium of *Chlorella* sp. to Produce Polyhydroxy Butyrate in Various Limited Low Cost Primary Nutrient. *E3S Web of Conferences*, **2021**, 226, 00018 0.5
- 2 The Opportunities of Cleaner Production in Carica (*Carica pubescens*) Industry to Reduce Hazardous Waste **2022**, 1, 20-26
- 1 Microplastic Identification in Fisheries Commodities in Sayung Waters, Demak **2022**, 1, 1-7