

Alissara Reungsang

List of Publications by Year in descending order

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164
papers

4,871
citations

87723

38
h-index

138251

58
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170
all docs

170
docs citations

170
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-hydrogen production from the fermentation of sugarcane bagasse hydrolysate by <i>Clostridium butyricum</i> . <i>International Journal of Hydrogen Energy</i> , 2008, 33, 5256-5265.	3.8	280
2	Ubiquitous occurrence of sulfonamides in tropical Asian waters. <i>Science of the Total Environment</i> , 2013, 452-453, 108-115.	3.9	204
3	Life-cycle assessment of biofuel production from microalgae via various bioenergy conversion systems. <i>Energy</i> , 2019, 171, 1033-1045.	4.5	114
4	Biohydrogen production from sugarcane bagasse hydrolysate by elephant dung: Effects of initial pH and substrate concentration. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8687-8696.	3.8	109
5	Optimization of key factors affecting hydrogen production from food waste by anaerobic mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14120-14133.	3.8	100
6	Effect of hydraulic retention time on hydrogen production and chemical oxygen demand removal from tapioca wastewater using anaerobic mixed cultures in anaerobic baffled reactor (ABR). <i>International Journal of Hydrogen Energy</i> , 2012, 37, 15503-15510.	3.8	87
7	Poly- β -hydroxyalkanoates production from cassava starch hydrolysate by <i>Cupriavidus</i> sp. KKU38. <i>International Journal of Biological Macromolecules</i> , 2014, 65, 51-64.	3.6	85
8	Continuous hydrogen production from cassava starch processing wastewater by two-stage thermophilic dark fermentation and microbial electrolysis. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27584-27592.	3.8	85
9	Co-digestion of food waste and sludge for hydrogen production by anaerobic mixed cultures: Statistical key factors optimization. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14227-14237.	3.8	83
10	Recent advanced biotechnological strategies to enhance photo-fermentative biohydrogen production by purple non-sulphur bacteria: An overview. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13211-13230.	3.8	79
11	Biochemical hydrogen and methane potential of sugarcane syrup using a two-stage anaerobic fermentation process. <i>Industrial Crops and Products</i> , 2016, 82, 88-99.	2.5	74
12	Optimization of biohydrogen production from sweet sorghum syrup using statistical methods. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13435-13444.	3.8	69
13	Fluoroquinolone (FQ) Contamination Does Not Correlate with Occurrence of FQ-Resistant Bacteria in Aquatic Environments of Vietnam and Thailand. <i>Microbes and Environments</i> , 2011, 26, 135-143.	0.7	69
14	Effect of acid, heat and combined acid-heat pretreatments of anaerobic sludge on hydrogen production by anaerobic mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 6146-6153.	3.8	67
15	ADSORPTION AND DESORPTION OF ATRAZINE IN SOILS AND SUBSURFACE SEDIMENTS. <i>Soil Science</i> , 2001, 166, 921-929.	0.9	62
16	Direct integration of CSTR-UASB reactors for two-stage hydrogen and methane production from sugarcane syrup. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 17884-17895.	3.8	61
17	Enhanced bio-ethanol production from <i>Chlorella</i> sp. biomass by hydrothermal pretreatment and enzymatic hydrolysis. <i>Renewable Energy</i> , 2019, 141, 482-492.	4.3	60
18	Characterization of Chitosan Film Incorporated with Curcumin Extract. <i>Polymers</i> , 2021, 13, 963.	2.0	59

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19	Enhanced bio-hydrogen production from sugarcane juice by immobilized <i>Clostridium butyricum</i> on sugarcane bagasse. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 15525-15532.	3.8	58
20	Biological hydrogen production from sweet sorghum syrup by mixed cultures using an anaerobic sequencing batch reactor (ASBR). <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8765-8773.	3.8	55
21	A solar-driven continuous hydrothermal pretreatment system for biomethane production from microalgae biomass. <i>Applied Energy</i> , 2019, 236, 1011-1018.	5.1	55
22	Biohydrogen production from xylose by <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU19 isolated from hot spring sediment. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 12219-12228.	3.8	54
23	Non-sterile bio-hydrogen fermentation from food waste in a continuous stirred tank reactor (CSTR): Performance and population analysis. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15630-15637.	3.8	54
24	Production of biohydrogen from hydrolyzed bagasse with thermally preheated sludge. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7612-7617.	3.8	52
25	Photo-fermentational hydrogen production of <i>Rhodobacter</i> sp. KKU-PS1 isolated from an UASB reactor. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 221-230.	1.2	52
26	Synthesis, Characterization, and Application of Carboxymethyl Cellulose from Asparagus Stalk End. <i>Polymers</i> , 2021, 13, 81.	2.0	52
27	Optimization of fermentative hydrogen production from hydrolysate of microwave assisted sulfuric acid pretreated oil palm trunk by hot spring enriched culture. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14204-14216.	3.8	51
28	Optimization of Key Factors Affecting Methane Production from Acidic Effluent Coming from the Sugarcane Juice Hydrogen Fermentation Process. <i>Energies</i> , 2012, 5, 4746-4757.	1.6	51
29	Comparative bioremediation of carbofuran contaminated soil by natural attenuation, bioaugmentation and biostimulation. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 196-204.	1.9	50
30	Performance and population analysis of hydrogen production from sugarcane juice by non-sterile continuous stirred tank reactor augmented with <i>Clostridium butyricum</i> . <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8697-8703.	3.8	49
31	Improvement in energy recovery from <i>Chlorella</i> sp. biomass by integrated dark-photo biohydrogen production and dark fermentation-anaerobic digestion processes. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23899-23911.	3.8	49
32	Bio-hydrogen production from glycerol by immobilized <i>Enterobacter aerogenes</i> ATCC 13048 on heat-treated UASB granules as affected by organic loading rate. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 6970-6979.	3.8	48
33	Purification and characterization of a halotolerant serine proteinase from thermotolerant <i>Bacillus licheniformis</i> RKK-04 isolated from Thai fish sauce. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 1867-1875.	1.7	47
34	Bioaugmentation of carbofuran by <i>Burkholderia cepacia</i> PCL3 in a bioslurry phase sequencing batch reactor. <i>Process Biochemistry</i> , 2010, 45, 230-238.	1.8	47
35	Valorization of microalgal biomass for biohydrogen generation: A review. <i>Bioresource Technology</i> , 2021, 322, 124533.	4.8	45
36	High efficient biohydrogen production from palm oil mill effluent by two-stage dark fermentation and microbial electrolysis under thermophilic condition. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31841-31852.	3.8	44

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37	Optimization of biohydrogen production from sugarcane bagasse by mixed cultures using a statistical method. <i>Sustainable Environment Research</i> , 2016, 26, 235-242.	2.1	42
38	Biohydrogen production from mixed xylose/arabinose at thermophilic temperature by anaerobic mixed cultures in elephant dung. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 13928-13938.	3.8	41
39	A sequential process of anaerobic solid-state fermentation followed by dark fermentation for bio-hydrogen production from <i>Chlorella</i> sp.. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3306-3316.	3.8	40
40	Characterization of polyhydroxyalkanoates (PHAs) biosynthesis by isolated <i>Novosphingobium</i> sp. THA_AIK7 using crude glycerol. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 749-758.	1.4	39
41	Simultaneous production of hydrogen and ethanol from waste glycerol by <i>Enterobacter aerogenes</i> KKU-S1. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 1813-1825.	3.8	39
42	Co-digestion of cassava starch wastewater with buffalo dung for bio-hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 14694-14706.	3.8	39
43	Optimization of key factors affecting bio-hydrogen production from sweet potato starch. <i>Energy Procedia</i> , 2017, 138, 973-978.	1.8	38
44	Title is missing!. <i>ScienceAsia</i> , 2006, 32, 377.	0.2	38
45	Isolation, characterization and optimization of photo-hydrogen production conditions by newly isolated <i>Rhodobacter sphaeroides</i> KKU-PS5. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 10870-10882.	3.8	37
46	Bio-hythane production from residual biomass of <i>Chlorella</i> sp. biomass through a two-stage anaerobic digestion. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3339-3346.	3.8	37
47	Membrane bioreactor-assisted volatile fatty acids production and in situ recovery from cow manure. <i>Bioresource Technology</i> , 2021, 321, 124456.	4.8	37
48	Carboxymethyl Bacterial Cellulose from Nata de Coco: Effects of NaOH. <i>Polymers</i> , 2021, 13, 348.	2.0	37
49	Bioaugmentation of carbofuran residues in soil using <i>Burkholderia cepacia</i> PCL3 adsorbed on agricultural residues. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 515-522.	1.9	36
50	Biohydrogen production from dual digestion pretreatment of poultry slaughterhouse sludge by anaerobic self-fermentation. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13427-13434.	3.8	36
51	Biogas production from palm oil mill effluent and empty fruit bunches by coupled liquid and solid-state anaerobic digestion. <i>Bioresource Technology</i> , 2020, 296, 122304.	4.8	35
52	Antioxidant Films from Cassava Starch/Gelatin Biocomposite Fortified with Quercetin and TBHQ and Their Applications in Food Models. <i>Polymers</i> , 2021, 13, 1117.	2.0	34
53	Improvement of hydrogen production from <i>Chlorella</i> sp. biomass by acid-thermal pretreatment. <i>PeerJ</i> , 2019, 7, e6637.	0.9	33
54	Hydrogen production from sludge of poultry slaughterhouse wastewater treatment plant pretreated with microwave. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8751-8757.	3.8	32

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55	Volatile Fatty Acid Production from Organic Waste with the Emphasis on Membrane-Based Recovery. Fermentation, 2021, 7, 159.	1.4	30
56	Biohydrogen production from waste glycerol and sludge by Anaerobic mixed cultures. International Journal of Hydrogen Energy, 2012, 37, 13789-13796.	3.8	29
57	Anaerobic solid-state fermentation of bio-hydrogen from microalgal Chlorella sp. biomass. International Journal of Hydrogen Energy, 2017, 42, 9650-9659.	3.8	29
58	Co-Digestion of Napier Grass and Its Silage with Cow Dung for Methane Production. Energies, 2017, 10, 1654.	1.6	29
59	Repeated batch fermentation for photo-hydrogen and lipid production from wastewater of a sugar manufacturing plant. International Journal of Hydrogen Energy, 2018, 43, 3605-3617.	3.8	29
60	Two-stage thermophilic bio-hydrogen and methane production from lime-pretreated oil palm trunk by simultaneous saccharification and fermentation. International Journal of Hydrogen Energy, 2018, 43, 4284-4293.	3.8	29
61	Cold hydrolysis of cassava pulp and its use in simultaneous saccharification and fermentation (SSF) process for ethanol fermentation. Journal of Biotechnology, 2019, 292, 57-63.	1.9	29
62	Media optimization for biohydrogen production from waste glycerol by anaerobic thermophilic mixed cultures. International Journal of Hydrogen Energy, 2012, 37, 15473-15482.	3.8	28
63	Ethanol production from glucose and xylose by immobilized Thermoanaerobacter pentosaceus at 70°C in an up-flow anaerobic sludge blanket (UASB) reactor. Bioresource Technology, 2013, 143, 598-607.	4.8	28
64	Bio-Hydrogen Production from Pineapple Waste Extract by Anaerobic Mixed Cultures. Energies, 2013, 6, 2175-2190.	1.6	28
65	Simultaneous saccharification and fermentation of cellulose for bio-hydrogen production by anaerobic mixed cultures in elephant dung. International Journal of Hydrogen Energy, 2014, 39, 9028-9035.	3.8	28
66	Hydrogen production from xylose by moderate thermophilic mixed cultures using granules and biofilm up-flow anaerobic reactors. International Journal of Hydrogen Energy, 2019, 44, 3317-3324.	3.8	28
67	Valorization of crude glycerol into hydrogen, 1,3-propanediol, and ethanol in an up-flow anaerobic sludge blanket (UASB) reactor under thermophilic conditions. Renewable Energy, 2020, 161, 361-372.	4.3	28
68	Fermentation of hydrogen, 1,3-propanediol and ethanol from glycerol as affected by organic loading rate using up-flow anaerobic sludge blanket (UASB) reactor. International Journal of Hydrogen Energy, 2017, 42, 27558-27569.	3.8	27
69	Hydrogen from Photo Fermentation. Green Energy and Technology, 2018, , 221-317.	0.4	27
70	Enhancing Hydrogen Production from Chlorella sp. Biomass by Pre-Hydrolysis with Simultaneous Saccharification and Fermentation (PSSF). Energies, 2019, 12, 908.	1.6	27
71	TRANSPORT AND FATE OF ATRAZINE IN MIDWESTERN RIPARIAN BUFFER STRIPS. Journal of the American Water Resources Association, 2001, 37, 1681-1692.	1.0	26
72	Delignification of disposable wooden chopsticks waste for fermentative hydrogen production by an enriched culture from a hot spring. Journal of Environmental Sciences, 2014, 26, 1361-1368.	3.2	26

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73	Two-stage thermophilic bio-hydrogen and methane production from oil palm trunk hydrolysate using <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU19. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28222-28232.	3.8	26
74	Comparison between free cells and immobilized cells of <i>Candida shehatae</i> in ethanol production from rice straw hydrolysate using repeated batch cultivation. <i>Renewable Energy</i> , 2018, 115, 634-640.	4.3	26
75	Optimization of Batch Dark Fermentation of <i>Chlorella</i> sp. Using Mixed-Cultures for Simultaneous Hydrogen and Butyric Acid Production. <i>Energies</i> , 2019, 12, 2529.	1.6	26
76	Simultaneous biohythane production and sulfate removal from rubber sheet wastewater by two-stage anaerobic digestion. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 263-274.	3.8	26
77	Methane production from acidic effluent discharged after the hydrogen fermentation of sugarcane juice using batch fermentation and UASB reactor. <i>Renewable Energy</i> , 2016, 86, 1224-1231.	4.3	25
78	Sequential fermentation of hydrogen and methane from steam-exploded sugarcane bagasse hydrolysate. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9924-9934.	3.8	24
79	Rheological properties of microalgae slurry under subcritical conditions for hydrothermal hydrolysis systems. <i>Algal Research</i> , 2018, 33, 78-83.	2.4	22
80	Co-Digestion of Napier Grass and Its Silage with Cow Dung for Bio-Hydrogen and Methane Production by Two-Stage Anaerobic Digestion Process. <i>Energies</i> , 2018, 11, 47.	1.6	22
81	Repeated-batch simultaneous saccharification and fermentation of cassava pulp for ethanol production using amylases and <i>Saccharomyces cerevisiae</i> immobilized on bacterial cellulose. <i>Biochemical Engineering Journal</i> , 2022, 177, 108258.	1.8	22
82	Bioconversion of soybean residue for use as alternative nutrient source for ethanol fermentation. <i>Biochemical Engineering Journal</i> , 2017, 125, 65-72.	1.8	21
83	Feasibility of bio-hythane production by co-digesting skim latex serum (SLS) with palm oil mill effluent (POME) through two-phase anaerobic process. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9577-9590.	3.8	21
84	Hydrothermal hydrolysis pretreatment of microalgae slurries in a continuous reactor under subcritical conditions for large-scale application. <i>Bioresource Technology</i> , 2018, 266, 306-314.	4.8	21
85	Screening of PHA-Producing Bacteria Using Biodiesel-Derived Waste Glycerol as a Sole Carbon Source. <i>Journal of Water and Environment Technology</i> , 2010, 8, 373-381.	0.3	20
86	Extreme-thermophilic biohydrogen production by an anaerobic heat treated digested sewage sludge culture. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8727-8734.	3.8	20
87	Evaluation of Napier Grass for Bioethanol Production through a Fermentation Process. <i>Processes</i> , 2020, 8, 567.	1.3	20
88	Bioaugmentation of carbofuran residues in soil by <i>Burkholderia cepacia</i> PCL3: A small-scale field study. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 902-905.	1.9	19
89	Biohydrogen production by <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU-ED1: Culture conditions optimization using xylan as the substrate. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 6167-6173.	3.8	18
90	Effects of rhizosphere remediation and bioaugmentation on carbofuran removal from soil. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 983-989.	1.7	17

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91	Thermophilic biohydrogen production from the enzymatic hydrolysate of cellulose fraction of sweet sorghum bagasse by <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU19: Optimization of media composition. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15777-15786.	3.8	17
92	Co-digestion of oil palm trunk hydrolysate with slaughterhouse wastewater for thermophilic bio-hydrogen production by <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU19. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 6872-6880.	3.8	17
93	Biohythane production from <i>Chlorella</i> sp. biomass by two-stage thermophilic solid-state anaerobic digestion. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 27792-27800.	3.8	17
94	Improvement of biohythane production from <i>Chlorella</i> sp. TISTR 8411 biomass by co-digestion with organic wastes in a two-stage fermentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17238-17247.	3.8	17
95	Trace metals supplementation enhanced microbiota and biohythane production by two-stage thermophilic fermentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3325-3338.	3.8	17
96	Methane Production from the Co-digestion of Algal Biomass with Crude Glycerol by Anaerobic Mixed Cultures. <i>Waste and Biomass Valorization</i> , 2020, 11, 1873-1881.	1.8	17
97	Influences of size reduction, hydration, and thermal-assisted hydration pretreatment to increase the biogas production from Napier grass and Napier silage. <i>Bioresource Technology</i> , 2021, 331, 125034.	4.8	17
98	Assessing oleaginous yeasts for their potentials on microbial lipid production from sugarcane bagasse and the effects of physical changes on lipid production. <i>Bioresource Technology Reports</i> , 2021, 14, 100650.	1.5	16
99	Coupling of zero valent iron and biobarriers for remediation of trichloroethylene in groundwater. <i>Journal of Environmental Sciences</i> , 2011, 23, 560-567.	3.2	15
100	Feasibility of ABE fermentation from <i>Rhizoclonium</i> spp. hydrolysate with low nutrient supplementation. <i>Biomass and Bioenergy</i> , 2019, 127, 105269.	2.9	15
101	Two-Stage Anaerobic Codigestion of Crude Glycerol and Micro-Algal Biomass for Biohydrogen and Methane Production by Anaerobic Sludge Consortium. <i>Fermentation</i> , 2021, 7, 175.	1.4	15
102	Effect of biogas sparging on the performance of bio-hydrogen reactor over a long-term operation. <i>PLoS ONE</i> , 2017, 12, e0171248.	1.1	15
103	Repeated-batch Fermentative for Bio-hydrogen Production from Cassava Starch Manufacturing Wastewater. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 1782-1789.	0.2	15
104	One-step multi enzyme pretreatment and biohydrogen production from <i>Chlorella</i> sp. biomass. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39675-39687.	3.8	15
105	Bioaugmentation of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> TISTR 895 to enhance bio-hydrogen production of <i>Rhodobacter sphaeroides</i> KKU-PS5. <i>Biotechnology for Biofuels</i> , 2015, 8, 190.	6.2	14
106	Biotechnological approach to generate green biohydrogen through the utilization of succinate-rich fermentation wastewater. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 22246-22259.	3.8	14
107	High Substitution Synthesis of Carboxymethyl Chitosan for Properties Improvement of Carboxymethyl Chitosan Films Depending on Particle Sizes. <i>Molecules</i> , 2021, 26, 6013.	1.7	14
108	Anaerobic co-digestion of biogas effluent and sugarcane filter cake for methane production. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 901-912.	2.9	13

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109	Factors Affecting Hydrogen Production from Cassava Wastewater by a Co-Culture of Anaerobic Sludge and <i>Rhodospirillum rubrum</i> . <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 3571-3577.	0.2	13
110	Polyhydroxyalkanoates production from effluent of hydrogen fermentation process by <i>Cupriavidus</i> sp. KKU38. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 477-483.	1.2	12
111	Co-Digestion of Napier Grass with Food Waste and Napier Silage with Food Waste for Methane Production. <i>Energies</i> , 2018, 11, 3200.	1.6	12
112	Co-fermentation of 1,3-propanediol and 2,3-butanediol from crude glycerol derived from the biodiesel production process by newly isolated <i>Enterobacter</i> sp.: Optimization factors affecting. <i>Bioresource Technology Reports</i> , 2021, 13, 100616.	1.5	12
113	Assessment of organosolv, hydrothermal, and combined organosolv and hydrothermal with enzymatic pretreatment to increase the production of biogas from Napier grass and Napier silage. <i>Renewable Energy</i> , 2022, 181, 1237-1249.	4.3	12
114	Photo-hydrogen and lipid production from lactate, acetate, butyrate, and sugar manufacturing wastewater with an alternative nitrogen source by <i>Rhodobacter</i> sp. KKU-PS1. <i>PeerJ</i> , 2019, 7, e6653.	0.9	12
115	Effect of Pectin/Nanochitosan-Based Coatings and Storage Temperature on Shelf-Life Extension of "Elephant" Mango (<i>Mangifera indica</i> L.) Fruit. <i>Polymers</i> , 2021, 13, 3430.	2.0	12
116	Biohydrogen production by <i>Thermoanaerobacterium thermosaccharolyticum</i> KKU-ED1: Culture conditions optimization using mixed xylose/arabinose as substrate. <i>Electronic Journal of Biotechnology</i> , 2013, 16, .	1.2	11
117	Effect of Monochloroacetic Acid on Properties of Carboxymethyl Bacterial Cellulose Powder and Film from Nata de Coco. <i>Polymers</i> , 2021, 13, 488.	2.0	11
118	New Vegetable Oils with Different Fatty Acids on Natural Rubber Composite Properties. <i>Polymers</i> , 2021, 13, 1108.	2.0	11
119	Alkalinity of Cassava Wastewater Feed in Anodic Enhance Electricity Generation by a Single Chamber Microbial Fuel Cells. <i>Engineering Journal</i> , 2012, 16, 17-28.	0.5	11
120	Acidogenic phase anaerobic digestion of pretreated sugarcane filter cake for co-digestion with biogas effluent to enhance the methane production. <i>Fuel</i> , 2022, 310, 122466.	3.4	11
121	<i>Clostridium thailandense</i> sp. nov., a novel CO ₂ -reducing acetogenic bacterium isolated from peatland soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	11
122	Isolation and characterisation of a carbofuran degrading <i>Burkholderia</i> sp. PCL3 from carbofuran-phytoremediated rhizosphere soil. <i>Chemistry and Ecology</i> , 2012, 28, 253-266.	0.6	10
123	Enhancement of biohydrogen production from sweet sorghum syrup by anaerobic seed sludge in an anaerobic sequencing batch reactor by nutrient and vitamin supplementations. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2503-2511.	1.2	10
124	Biodegradation of carbofuran in sequencing batch reactor augmented with immobilised <i>Burkholderia cepacia</i> PCL3 on corncob. <i>Chemistry and Ecology</i> , 2013, 29, 44-57.	0.6	10
125	Photofermentation and lipid accumulation by <i>Rhodobacter</i> sp. KKU-PS1 using malic acid as a substrate. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 6259-6270.	3.8	10
126	Ethanol and phenylacetylcarbinol production processes of <i>Candida tropicalis</i> TISTR 5306 and <i>Saccharomyces cerevisiae</i> TISTR 5606 in fresh juices from longan fruit of various sizes. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13815.	0.9	10

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127	Upgrading biogas to biomethane: Alkaline recovery of absorbed solution by thermal decomposition. <i>Chemical Engineering Research and Design</i> , 2020, 138, 157-166.	2.7	10
128	INFLUENCE OF NITROGEN, ACETATE AND PROPIONATE ON HYDROGEN PRODUCTION FROM PINEAPPLE WASTE EXTRACT BY <i>Rhodospirillum rubrum</i> . <i>Journal of Water and Environment Technology</i> , 2005, 3, 93-117.	0.3	9
129	Enhanced simultaneous saccharification and fermentation of Napier grass and Napier silage for two stage bio-hydrogen and methane production using organosolv and hydrothermal. <i>Materials Chemistry and Physics</i> , 2021, 267, 124614.	2.0	9
130	Co-generation of biohydrogen and biochemicals from co-digestion of <i>Chlorella</i> sp. biomass hydrolysate with sugarcane leaf hydrolysate in an integrated circular biorefinery concept. <i>Biotechnology for Biofuels</i> , 2021, 14, 197.	6.2	9
131	Bio-hydrogen and Methane Production from Lignocellulosic Materials. , 0, , .		9
132	Selection of support materials for immobilization of <i>Burkholderia cepacia</i> PCL3 in treatment of carbofuran-contaminated water. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2587-2597.	1.2	8
133	Drag reduction and shear-induced cells migration behavior of microalgae slurry in tube flow. <i>Bioresource Technology</i> , 2018, 270, 38-45.	4.8	8
134	Integrative Effects of Sonication and Particle Size on Biomethanation of Tropical Grass <i>Pennisetum purpureum</i> Using Superior Diverse Inocula Cultures. <i>Energies</i> , 2019, 12, 4226.	1.6	7
135	Validation of mathematical model with phosphate activation effect by batch (R)-phenylacetylcarbinol biotransformation process utilizing <i>Candida tropicalis</i> pyruvate decarboxylase in phosphate buffer. <i>Scientific Reports</i> , 2021, 11, 11813.	1.6	7
136	Morphology, Mechanical, and Water Barrier Properties of Carboxymethyl Rice Starch Films: Sodium Hydroxide Effect. <i>Molecules</i> , 2022, 27, 331.	1.7	7
137	Thermophilic Fermentative Biohydrogen Production From Xylan by Anaerobic Mixed Cultures in Elephant Dung. <i>International Journal of Green Energy</i> , 2015, 12, 900-907.	2.1	5
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