

# Nipon Pisutpaisal

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,183  
citations

430754

18  
h-index

414303

32  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethanol production from waste glycerol using glucose as co-carbon source. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2769-2778.	2.9	5
2	Optimization of ethanol production from co-substrate of waste glycerol and acetic acid by <i>Enterobacter aerogenes</i> . <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 10505-10512.	2.9	5
3	High Potential Decolourisation of Textile Dyes from Wastewater by Manganese Peroxidase Production of Newly Immobilised <i>Trametes hirsuta</i> PW17-41 and FTIR Analysis. <i>Microorganisms</i> , 2022, 10, 992.	1.6	7
4	Productivity of <i>Pseudomonas putida</i> TISTR 1522 in polyhydroxyalkanoates (PHAs) production from saponified palm oil. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1086-1098.	1.4	8
5	Bioenergy from dairy manure: technologies, challenges and opportunities. <i>Science of the Total Environment</i> , 2021, 790, 148199.	3.9	23
6	Potential of Napier grass Pak Chong 1 as feedstock for biofuel production. <i>Energy Reports</i> , 2021, 7, 519-526.	2.5	5
7	Fly ash utilization for methane production improvement from co-digestion between cow dung and <i>Pennisetum Purpureum</i> . <i>Energy Reports</i> , 2021, 7, 591-598.	2.5	2
8	Profile of sulfur oxidizing bacteria in full-scale Biotrickling filter to remove H <sub>2</sub> S in biogas from in cassava starch industry. <i>Energy Reports</i> , 2021, 7, 677-685.	2.5	9
9	DNA microarray for detection and identification of sulfur oxidizing bacteria in Biogas Clean-up System. <i>Energy Reports</i> , 2021, 7, 559-568.	2.5	2
10	Sulfide-oxidizing bacteria community in full-scale bioscrubber treating H <sub>2</sub> S in biogas from swine anaerobic digester. <i>Renewable Energy</i> , 2020, 150, 973-980.	4.3	31
11	Sulfur-oxidizing bacteria in full-scale biogas cleanup system of ethanol industry. <i>Renewable Energy</i> , 2020, 150, 965-972.	4.3	12
12	Biosynthesis of medium chain length polyhydroxyalkanoates (mcl-PHAs) from palm oil. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020, 2, 100045.	2.9	10
13	Utilization of oil palm decanter cake for valuable laccase and manganese peroxidase enzyme production from a novel white-rot fungus, <i>Pseudolagarobasidium</i> sp. PP17-33. <i>3 Biotech</i> , 2019, 9, 417.	1.1	12
14	Production of methane from ozonated palm oil mill effluent. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 29561-29567.	3.8	10
15	Impact of acetic acid in methane production from glycerol/acetic acid co-fermentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 29568-29574.	3.8	7
16	Co-digestion of waste glycerol and glucose to enhance biogas production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 29575-29582.	3.8	17
17	Hydrogen sulfide removal from biogas in biotrickling filter system inoculated with <i>Paracoccus pantotrophus</i> . <i>International Journal of Hydrogen Energy</i> , 2019, 44, 29554-29560.	3.8	15
18	Biomethane Production from co-fermentation of agricultural wastes. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5355-5364.	3.8	16

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19	Ozonation aided mesophilic biohydrogen production from palm oil mill effluent. International Journal of Hydrogen Energy, 2019, 44, 5182-5188.	3.8	6
20	Thermophilic biohydrogen recovery from palm oil mill effluent. International Journal of Hydrogen Energy, 2019, 44, 5176-5181.	3.8	3
21	Optimization of biohydrogen production of palm oil mill effluent by ozone pretreatment. International Journal of Hydrogen Energy, 2019, 44, 5203-5211.	3.8	13
22	Bioelectricity recovery and pollution reduction of distillery wastewater in air-cathode SCMFC. International Journal of Hydrogen Energy, 2019, 44, 5481-5487.	3.8	8
23	Membrane-less MFC based biosensor for monitoring wastewater quality. International Journal of Hydrogen Energy, 2018, 43, 483-489.	3.8	34
24	Improvement of glycerol waste utilization by co-feedstock with palm oil decanter cake on biohydrogen fermentation. International Journal of Hydrogen Energy, 2017, 42, 3447-3453.	3.8	9
25	Hydrogen sulfide removal from biogas by biotrickling filter inoculated with Halothiobacillus neapolitanus. International Journal of Hydrogen Energy, 2017, 42, 18425-18433.	3.8	36
26	Performance of Paracoccus pantotrophus for H <sub>2</sub> S removal in biotrickling filter. International Journal of Hydrogen Energy, 2017, 42, 27820-27825.	3.8	16
27	Stability of Clostridium butyricum in biohydrogen production from non-sterile food waste. International Journal of Hydrogen Energy, 2017, 42, 3454-3465.	3.8	28
28	Waste utilization of palm oil decanter cake on biogas fermentation. International Journal of Hydrogen Energy, 2016, 41, 15661-15666.	3.8	18
29	Microbial dynamics in ethanol fermentation from glycerol. International Journal of Hydrogen Energy, 2016, 41, 15667-15673.	3.8	17
30	Hydrogen sulfide removal in biotrickling filter system by Halothiobacillus neapolitanus. International Journal of Hydrogen Energy, 2016, 41, 15682-15687.	3.8	39
31	Simultaneous pollution treatment and electricity generation of tannery wastewater in air-cathode single chamber MFC. International Journal of Hydrogen Energy, 2016, 41, 15632-15637.	3.8	42
32	Optimizing Sulfur Oxidizing Performance of Paracoccus Pantotrophus Isolated from Leather Industry Wastewater. Energy Procedia, 2015, 79, 629-633.	1.8	10
33	Simultaneous Treatment of Nitrogen-Rich Wastewater and Electricity Generation using Single-Chamber Microbial Fuel Cells. Energy Procedia, 2015, 79, 624-628.	1.8	8
34	Comparative Performance of Halothiobacillus Neapolitanus and Paracoccus Pantotrophus in Sulphur Oxidation. Energy Procedia, 2015, 79, 885-889.	1.8	6
35	Effect of Nitrogen Concentration on the Performance of Single-Chamber Microbial Fuel Cells. Energy Procedia, 2015, 79, 620-623.	1.8	2
36	Influence of Inoculum Pretreatment on the Performance of an Air-Cathode Single-Chamber Microbial Fuel Cell. Energy Procedia, 2015, 79, 641-645.	1.8	7

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37	Performance of A Membrane-Less Air-Cathode Single Chamber Microbial Fuel Cell in Electricity Generation from Distillery Wastewater. Energy Procedia, 2015, 79, 646-650.	1.8	12
38	Plant oils as promising substrates for polyhydroxyalkanoates production. Journal of Cleaner Production, 2015, 106, 408-421.	4.6	78
39	Improvement of Biomethane Production Yield from Palm Oil Mill Effluent Using Ozonation Process. Energy Procedia, 2014, 61, 2239-2243.	1.8	8
40	Biomethane Production from Co-digestion of Banana Peel and Waste Glycerol. Energy Procedia, 2014, 61, 2219-2223.	1.8	20
41	Enhancement of Biohydrogen Yield by Co-digestion of Waste Glycerol and Glucose. Energy Procedia, 2014, 61, 2249-2253.	1.8	1
42	Bioethanol Production from Glycerol by Mixed Culture System. Energy Procedia, 2014, 61, 1213-1218.	1.8	2
43	Biohydrogen Production under Thermophilic Condition from Ozonated Palm Oil Mill Effluent. Energy Procedia, 2014, 61, 1234-1238.	1.8	19
44	Kinetics of Bioethanol Production from Glycerol by Enterobacter Aerogenes. Energy Procedia, 2014, 61, 2244-2248.	1.8	3
45	Electric Generation from Carbohydrate-rich Wastewater Using Air-cathode SCMFC. Energy Procedia, 2014, 61, 1239-1243.	1.8	0
46	Feasibility of Biogas Production from Napier Grass. Energy Procedia, 2014, 61, 1229-1233.	1.8	41
47	Simultaneous Electricity Generation and Pollutant Removal in Nitrogen-rich Wastewater Using Microbial Fuel Cells. Energy Procedia, 2014, 61, 1224-1228.	1.8	4
48	Production of Hydrogen and Methane from Banana Peel by Two Phase Anaerobic Fermentation. Energy Procedia, 2014, 50, 702-710.	1.8	45
49	Development of Rapid Chemical Oxygen Demand Analysis Using Ozone as Oxidizing Agent. Energy Procedia, 2014, 50, 711-718.	1.8	8
50	Improvement of Mesophilic Biohydrogen Production from Palm Oil Mill Effluent Using Ozonation Process. Energy Procedia, 2014, 50, 723-728.	1.8	21
51	Feasibility of Biomethane Production from Banana Peel. Energy Procedia, 2014, 50, 782-788.	1.8	32
52	Biological Hydrogen and Methane Production in from Food Waste in Two-stage CSTR. Energy Procedia, 2014, 50, 719-722.	1.8	44
53	Analysis of microbial community adaptation in mesophilic hydrogen fermentation from food waste by tagged 16S rRNA gene pyrosequencing. Journal of Environmental Management, 2014, 144, 143-151.	3.8	42
54	Potential Application of Halothiobacillus Neapolitanus for Hydrogen Sulfide Removal in Biogas. Energy Procedia, 2014, 61, 1219-1223.	1.8	12

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55	Production of hydrogen and methane by one and two stage fermentation of food waste. International Journal of Hydrogen Energy, 2013, 38, 15764-15769.	3.8	152
56	Treatment of Palm Oil Mill Effluent by Electrocoagulation Process. Advanced Materials Research, 2012, 610-613, 363-367.	0.3	1
57	Sorption of naphthoic acids and quinoline compounds to estuarine sediment. Journal of Contaminant Hydrology, 2006, 84, 107-126.	1.6	26
58	Adsorption of Quinoline to Kaolinite and Montmorillonite. Environmental Engineering Science, 2002, 19, 59-68.	0.8	72
59	Biodegradation of 1-Naphthol in the Presence of Humic Acid. Environmental Engineering Science, 2000, 17, 343-351.	0.8	25
60	Bioelectricity Generation from Wastewaters in Microbial Fuel Cells. Advanced Materials Research, 0, 512-515, 1456-1460.	0.3	1
61	Carbon Mass Balance of Biohydrogen Production Process by <i>Clostridium butyricum</i> TISTR 1032: Effect of Oxygen Scavenger. Advanced Materials Research, 0, 512-515, 1466-1472.	0.3	2
62	Impact of Glycerol Concentration on Lactic Acid Fermentation. Advanced Materials Research, 0, 610-613, 356-358.	0.3	1
63	Kinetics of Biohydrogen Production from Ozonated Palm Oil Mill Effluent Using <i>C. butyricum</i> and <i>C. acetobutylicum</i> ; Co-Culture. Advanced Materials Research, 0, 512-515, 1515-1519.	0.3	9