Alissara Reungsang

List of Publications by Year in Descending Order

155 papers	3,473 citations	34 h-index	50 g-index
170 ext. papers	4,162 ext. citations	5.2 avg, IF	6.05 L-index

#	Paper	IF	Citations
155	Repeated-batch simultaneous saccharification and fermentation of cassava pulp for ethanol production using amylases and Saccharomyces cerevisiae immobilized on bacterial cellulose. *Biochemical Engineering Journal*, **2022**, 177, 108258	4.2	1
154	Morphology, Mechanical, and Water Barrier Properties of Carboxymethyl Rice Starch Films: Sodium Hydroxide Effect.. *Molecules*, **2022**, 27,	4.8	2
153	Upgrading biogas to biomethane using untreated groundwater-NaOH absorbent: Pilot-scale experiment and scale-up estimation for a palm oil mill. *Journal of Water Process Engineering*, **2021**, 44, 102405	6.7	0
152	Kinetics of Whole Cells and Ethanol Production from Candida tropicalis TISTR 5306 Cultivation in Batch and Fed-batch Modes Using Assorted Grade Fresh Longan Juice. *Anais Da Academia Brasileira De Ciencias*, **2021**, 93, e20200220	1.4	1
151	Acidogenic phase anaerobic digestion of pretreated sugarcane filter cake for co-digestion with biogas effluent to enhance the methane production. *Fuel*, **2021**, 122466	7.1	0
150	Effect of Pectin/Nanochitosan-Based Coatings and Storage Temperature on Shelf-Life Extension of "Elephant" Mango (L.) Fruit. *Polymers*, **2021**, 13,	4.5	3
149	One-step multi enzyme pretreatment and biohydrogen production from Chlorella sp. biomass. *International Journal of Hydrogen Energy*, **2021**, 46, 39675-39675	6.7	0
148	High Substitution Synthesis of Carboxymethyl Chitosan for Properties Improvement of Carboxymethyl Chitosan Films Depending on Particle Sizes. *Molecules*, **2021**, 26,	4.8	2
147	Characterization of Chitosan Film Incorporated with Curcumin Extract. *Polymers*, **2021**, 13,	4.5	15
146	Antioxidant Films from Cassava Starch/Gelatin Biocomposite Fortified with Quercetin and TBHQ and Their Applications in Food Models. *Polymers*, **2021**, 13,	4.5	15
145	Enhancement of Thermophilic Biogas Production from Palm Oil Mill Effluent by pH Adjustment and Effluent Recycling. *Processes*, **2021**, 9, 878	2.9	1
144	Validation of mathematical model with phosphate activation effect by batch (R)-phenylacetylcarbinol biotransformation process utilizing Candida tropicalis pyruvate decarboxylase in phosphate buffer. *Scientific Reports*, **2021**, 11, 11813	4.9	0
143	Extremely Halophilic Biohydrogen Producing Microbial Communities from High-Salinity Soil and Salt Evaporation Pond. *Fuels*, **2021**, 2, 241-252	2.3	1
142	Assessing oleaginous yeasts for their potentials on microbial lipid production from sugarcane bagasse and the effects of physical changes on lipid production. *Bioresource Technology Reports*, **2021**, 14, 100650	4.1	1
141	Influences of size reduction, hydration, and thermal-assisted hydration pretreatment to increase the biogas production from Napier grass and Napier silage. *Bioresource Technology*, **2021**, 331, 125034	11	5
140	Membrane bioreactor-assisted volatile fatty acids production and in situ recovery from cow manure. *Bioresource Technology*, **2021**, 321, 124456	11	18
139	Co-fermentation of 1,3-propanediol and 2,3-butanediol from crude glycerol derived from the biodiesel production process by newly isolated Enterobacter sp.: Optimization factors affecting. *Bioresource Technology Reports*, **2021**, 13, 100616	4.1	4

138	Valorization of microalgal biomass for biohydrogen generation: A review. *Bioresource Technology*, **2021**, 322, 124533	11	10
137	Butanol production from algal biomass by acetone-butanol-ethanol fermentation process **2021**, 421-446		
136	Biohydrogen Production from Lignocellulosic Biomass by Extremely Halotolerant Bacterial Communities from a Salt Pan and Salt-Damaged Soil. *Handbook of Environmental Engineering*, **2021**, 411-427		
135	Effect of Monochloroacetic Acid on Properties of Carboxymethyl Bacterial Cellulose Powder and Film from Nata de Coco. *Polymers*, **2021**, 13,	4.5	5
134	New Vegetable Oils with Different Fatty Acids on Natural Rubber Composite Properties. *Polymers*, **2021**, 13,	4.5	2
133	Enhanced simultaneous saccharification and fermentation of Napier grass and Napier silage for two stage bio-hydrogen and methane production using organosolv and hydrothermal. *Materials Chemistry and Physics*, **2021**, 267, 124614	4.4	5
132	Two-Stage Anaerobic Codigestion of Crude Glycerol and Micro-Algal Biomass for Biohydrogen and Methane Production by Anaerobic Sludge Consortium. *Fermentation*, **2021**, 7, 175	4.7	2
131	Physico-Chemical Characteristics and Amino Acid Content Evaluation of Citric Acid by-Product Produced by Microbial Fermentation as a Potential Use in Animal Feed. *Fermentation*, **2021**, 7, 149	4.7	1
130	Volatile Fatty Acid Production from Organic Waste with the Emphasis on Membrane-Based Recovery. *Fermentation*, **2021**, 7, 159	4.7	13
129	Assessment of organosolv, hydrothermal, and combined organosolv and hydrothermal with enzymatic pretreatment to increase the production of biogas from Napier grass and Napier silage. *Renewable Energy*, **2021**, 181, 1237-1237	8.1	3
128	Co-production of hydrogen and ethanol by Thermoanaerobacterium thermosaccharolyticum KKU-ED1 from alpha-cellulose and cellulose fraction of sugarcane bagasse. *Bioresource Technology Reports*, **2021**, 15, 100759	4.1	0
127	A study on citric acid by-product as an energy source for Japanese quail. *Tropical Animal Health and Production*, **2021**, 53, 474	1.7	0
126	Co-generation of biohydrogen and biochemicals from co-digestion of Chlorella sp. biomass hydrolysate with sugarcane leaf hydrolysate in an integrated circular biorefinery concept. *Biotechnology for Biofuels*, **2021**, 14, 197	7.8	2
125	Carboxymethyl Bacterial Cellulose from Nata de Coco: Effects of NaOH. *Polymers*, **2021**, 13,	4.5	14
124	Evaluation of Napier Grass for Bioethanol Production through a Fermentation Process. *Processes*, **2020**, 8, 567	2.9	9
123	Recent advanced biotechnological strategies to enhance photo-fermentative biohydrogen production by purple non-sulphur bacteria: An overview. *International Journal of Hydrogen Energy*, **2020**, 45, 13211-13230	6.7	31
122	Upgrading biogas to biomethane: Alkaline recovery of absorbed solution by thermal decomposition. *Chemical Engineering Research and Design*, **2020**, 138, 157-166	5.5	6
121	Synthesis, Characterization, and Application of Carboxymethyl Cellulose from Asparagus Stalk End. *Polymers*, **2020**, 13,	4.5	21

120	Two-stage fermentation process for bioenergy and biochemicals production from industrial and agricultural wastewater. *Advances in Bioenergy*, **2020**, 5, 249-308	3.9	2
119	Biogas production from palm oil mill effluent and empty fruit bunches by coupled liquid and solid-state anaerobic digestion. *Bioresource Technology*, **2020**, 296, 122304	11	27
118	Biotechnological approach to generate green biohydrogen through the utilization of succinate-rich fermentation wastewater. *International Journal of Hydrogen Energy*, **2020**, 45, 22246-22259	6.7	6
117	Simultaneous biohythane production and sulfate removal from rubber sheet wastewater by two-stage anaerobic digestion. *International Journal of Hydrogen Energy*, **2020**, 45, 263-274	6.7	13
116	Single and Combined Enzymatic Saccharification and Biohydrogen Production from Chlorella sp. Biomass. *Bioenergy Research*, **2020**, 14, 940	3.1	2
115	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	8.1	8
114	Methane Production from the Co-digestion of Algal Biomass with Crude Glycerol by Anaerobic Mixed Cultures. *Waste and Biomass Valorization*, **2020**, 11, 1873-1881	3.2	7
113	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	3.7	17
112	Thermophilic Fermentation for Enhanced Biohydrogen Production **2019**, 123-139		1
111	Feasibility of ABE fermentation from Rhizoclonium spp. hydrolysate with low nutrient supplementation. *Biomass and Bioenergy*, **2019**, 127, 105269	5.3	9
110	Co-digestion of cassava starch wastewater with buffalo dung for bio-hydrogen production. *International Journal of Hydrogen Energy*, **2019**, 44, 14694-14706	6.7	26
109	Enhancing Hydrogen Production from Chlorella sp. Biomass by Pre-Hydrolysis with Simultaneous Saccharification and Fermentation (PSSF). *Energies*, **2019**, 12, 908	3.1	16
108	Improvement of biohythane production from Chlorella sp. TISTR 8411 biomass by co-digestion with organic wastes in a two-stage fermentation. *International Journal of Hydrogen Energy*, **2019**, 44, 17238-17247	6.7	10
107	Enhanced bio-ethanol production from Chlorella sp. biomass by hydrothermal pretreatment and enzymatic hydrolysis. *Renewable Energy*, **2019**, 141, 482-492	8.1	37
106	Investigation of hydrogen-producing ability of extremely halotolerant bacteria from a salt pan and salt-damaged soil in Thailand. *International Journal of Hydrogen Energy*, **2019**, 44, 3407-3413	6.7	5
105	A sequential process of anaerobic solid-state fermentation followed by dark fermentation for bio-hydrogen production from Chlorella sp.. *International Journal of Hydrogen Energy*, **2019**, 44, 3306-3316	6.7	21
104	Improvement in energy recovery from Chlorella sp. biomass by integrated dark-photo biohydrogen production and dark fermentation-anaerobic digestion processes. *International Journal of Hydrogen Energy*, **2019**, 44, 23899-23911	6.7	28
103	Optimization of Batch Dark Fermentation of Chlorella sp. Using Mixed-Cultures for Simultaneous Hydrogen and Butyric Acid Production. *Energies*, **2019**, 12, 2529	3.1	15

102	Valorising fermentation effluent rich in short-chain fatty acids and sugars for biohydrogen via photofermentation by Rhodobacter sphaeroides KKU-PS1. *IOP Conference Series: Earth and Environmental Science*, **2019**, 268, 012077	0.3	2
101	Improvement of hydrogen production from sp. biomass by acid-thermal pretreatment. *PeerJ*, **2019**, 7, e6637	3.1	19
100	Photo-hydrogen and lipid production from lactate, acetate, butyrate, and sugar manufacturing wastewater with an alternative nitrogen source by sp KKU-PS1. *PeerJ*, **2019**, 7, e6653	3.1	8
99	Integrative Effects of Sonication and Particle Size on Biomethanation of Tropical Grass Pennisetum purpureum Using Superior Diverse Inocula Cultures. *Energies*, **2019**, 12, 4226	3.1	4
98	High efficient biohydrogen production from palm oil mill effluent by two-stage dark fermentation and microbial electrolysis under thermophilic condition. *International Journal of Hydrogen Energy*, **2019**, 44, 31841-31852	6.7	19
97	A solar-driven continuous hydrothermal pretreatment system for biomethane production from microalgae biomass. *Applied Energy*, **2019**, 236, 1011-1018	10.7	37
96	Trace metals supplementation enhanced microbiota and biohythane production by two-stage thermophilic fermentation. *International Journal of Hydrogen Energy*, **2019**, 44, 3325-3338	6.7	11
95	Life-cycle assessment of biofuel production from microalgae via various bioenergy conversion systems. *Energy*, **2019**, 171, 1033-1045	7.9	69
94	Bio-hythane production from residual biomass of Chlorella sp. biomass through a two-stage anaerobic digestion. *International Journal of Hydrogen Energy*, **2019**, 44, 3339-3346	6.7	27
93	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	6.7	20
92	Hydrogen from Photo Fermentation. *Green Energy and Technology*, **2018**, 221-317	0.6	15
91	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	6.7	21
90	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	6.7	21
89	Feasibility of bio-hythane production by co-digesting skim latex serum (SLS) with palm oil mill effluent (POME) through two-phase anaerobic process. *International Journal of Hydrogen Energy*, **2018**, 43, 9577-9590	6.7	14
88	Comparison between free cells and immobilized cells of Candida shehatae in ethanol production from rice straw hydrolysate using repeated batch cultivation. *Renewable Energy*, **2018**, 115, 634-640	8.1	21
87	Co-Digestion of Napier Grass and Its Silage with Cow Dung for Bio-Hydrogen and Methane Production by Two-Stage Anaerobic Digestion Process. *Energies*, **2018**, 11, 47	3.1	17
86	Sequential fermentation of hydrogen and methane from steam-exploded sugarcane bagasse hydrolysate. *International Journal of Hydrogen Energy*, **2018**, 43, 9924-9934	6.7	16
85	Ethanol and phenylacetylcarbinol production processes of Candida tropicalis TISTR 5306 and Saccharomyces cerevisiae TISTR 5606 in fresh juices from longan fruit of various sizes. *Journal of Food Processing and Preservation*, **2018**, 42, e13815	2.1	3

84	Co-Digestion of Napier Grass with Food Waste and Napier Silage with Food Waste for Methane Production. *Energies*, **2018**, 11, 3200	3.1	11
83	Drag reduction and shear-induced cells migration behavior of microalgae slurry in tube flow. *Bioresource Technology*, **2018**, 270, 38-45	11	8
82	Rheological properties of microalgae slurry under subcritical conditions for hydrothermal hydrolysis systems. *Algal Research*, **2018**, 33, 78-83	5	17
81	Hydrothermal hydrolysis pretreatment of microalgae slurries in a continuous reactor under subcritical conditions for large-scale application. *Bioresource Technology*, **2018**, 266, 306-314	11	15
80	Anaerobic solid-state fermentation of bio-hydrogen from microalgal Chlorella sp. biomass. *International Journal of Hydrogen Energy*, **2017**, 42, 9650-9659	6.7	21
79	Bioconversion of soybean residue for use as alternative nutrient source for ethanol fermentation. *Biochemical Engineering Journal*, **2017**, 125, 65-72	4.2	18
78	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	6.7	24
77	Two-stage thermophilic bio-hydrogen and methane production from oil palm trunk hydrolysate using Thermoanaerobacterium thermosaccharolyticum KKU19. *International Journal of Hydrogen Energy*, **2017**, 42, 28222-28232	6.7	22
76	Biohythane production from Chlorella sp. biomass by two-stage thermophilic solid-state anaerobic digestion. *International Journal of Hydrogen Energy*, **2017**, 42, 27792-27800	6.7	12
75	Continuous hydrogen production from cassava starch processing wastewater by two-stage thermophilic dark fermentation and microbial electrolysis. *International Journal of Hydrogen Energy*, **2017**, 42, 27584-27592	6.7	57
74	Optimization of key factors affecting bio-hydrogen production from sweet potato starch. *Energy Procedia*, **2017**, 138, 973-978	2.3	29
73	Co-Digestion of Napier Grass and Its Silage with Cow Dung for Methane Production. *Energies*, **2017**, 10, 1654	3.1	23
72	Effect of biogas sparging on the performance of bio-hydrogen reactor over a long-term operation. *PLoS ONE*, **2017**, 12, e0171248	3.7	11
71	Biochemical hydrogen and methane potential of sugarcane syrup using a two-stage anaerobic fermentation process. *Industrial Crops and Products*, **2016**, 82, 88-99	5.9	62
70	Methane production from acidic effluent discharged after the hydrogen fermentation of sugarcane juice using batch fermentation and UASB reactor. *Renewable Energy*, **2016**, 86, 1224-1231	8.1	22
69	Photofermentaion and lipid accumulation by Rhodobacter sp. KKU-PS1 using malic acid as a substrate. *International Journal of Hydrogen Energy*, **2016**, 41, 6259-6270	6.7	9
68	Optimization of biohydrogen production from sugarcane bagasse by mixed cultures using a statistical method. *Sustainable Environment Research*, **2016**, 26, 235-242	3.8	29
67	Direct integration of CSTR-UASB reactors for two-stage hydrogen and methane production from sugarcane syrup. *International Journal of Hydrogen Energy*, **2016**, 41, 17884-17895	6.7	52

66	Photo-fermentational hydrogen production of Rhodobacter sp. KKU-PS1 isolated from an UASB reactor. *Electronic Journal of Biotechnology*, **2015**, 18, 221-230	3.1	39
65	Bioaugmentation of Lactobacillus delbrueckii ssp. bulgaricus TISTR 895 to enhance bio-hydrogen production of Rhodobacter sphaeroides KKU-PS5. *Biotechnology for Biofuels*, **2015**, 8, 190	7.8	12
64	Optimization of Enzymatic Hydrolysis for Pretreated Wood Waste by Response Surface Methodology in Fermentative Hydrogen Production. *Journal of Water and Environment Technology*, **2015**, 13, 153-166	1.1	2
63	Thermophilic Fermentative Biohydrogen Production From Xylan by Anaerobic Mixed Cultures in Elephant Dung. *International Journal of Green Energy*, **2015**, 12, 900-907	3	3
62	Delignification of disposable wooden chopsticks waste for fermentative hydrogen production by an enriched culture from a hot spring. *Journal of Environmental Sciences*, **2014**, 26, 1361-8	6.4	22
61	Co-digestion of oil palm trunk hydrolysate with slaughterhouse wastewater for thermophilic bio-hydrogen production by Thermoanaerobacterium thermosaccharolyticm KKU19. *International Journal of Hydrogen Energy*, **2014**, 39, 6872-6880	6.7	13
60	Poly-□hydroxyalkanoates production from cassava starch hydrolysate by Cupriavidus sp. KKU38. *International Journal of Biological Macromolecules*, **2014**, 65, 51-64	7.9	52
59	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	6.7	23
58	Isolation, characterization and optimization of photo-hydrogen production conditions by newly isolated Rhodobacter sphaeroides KKU-PS5. *International Journal of Hydrogen Energy*, **2014**, 39, 10870-10882	6.7	34
57	Polyhydroxyalkanoates production from effluent of hydrogen fermentation process by Cupriavidus sp. KKU38. *Environmental Technology (United Kingdom)*, **2013**, 34, 477-83	2.6	12
56	Bio-hydrogen production from glycerol by immobilized Enterobacter aerogenes ATCC 13048 on heat-treated UASB granules as affected by organic loading rate. *International Journal of Hydrogen Energy*, **2013**, 38, 6970-6979	6.7	40
55	Non-sterile bio-hydrogen fermentation from food waste in a continuous stirred tank reactor (CSTR): Performance and population analysis. *International Journal of Hydrogen Energy*, **2013**, 38, 15630-15637	6.7	50
54	Comparative bioremediation of carbofuran contaminated soil by natural attenuation, bioaugmentation and biostimulation. *International Biodeterioration and Biodegradation*, **2013**, 85, 196-204	4.8	43
53	Selection of support materials for immobilization of Burkholderia cepacia PCL3 in treatment of carbofuran-contaminated water. *Environmental Technology (United Kingdom)*, **2013**, 34, 2587-97	2.6	4
52	Effect of acid, heat and combined acid-heat pretreatments of anaerobic sludge on hydrogen production by anaerobic mixed cultures. *International Journal of Hydrogen Energy*, **2013**, 38, 6146-6153	6.7	56
51	Biohydrogen production by Thermoanaerobacterium thermosaccharolyticum KKU-ED1: Culture conditions optimization using xylan as the substrate. *International Journal of Hydrogen Energy*, **2013**, 38, 6167-6173	6.7	18
50	Thermophilic biohydrogen production from the enzymatic hydrolysate of cellulose fraction of sweet sorghum bagasse by Thermoanaerobacterium thermosaccharolyticum KKU19: Optimization of media composition. *International Journal of Hydrogen Energy*, **2013**, 38, 15777-15786	6.7	16
49	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	11	23

48	Simultaneous production of hydrogen and ethanol from waste glycerol by Enterobacter aerogenes KKU-S1. *International Journal of Hydrogen Energy*, **2013**, 38, 1813-1825	6.7	36
47	Ubiquitous occurrence of sulfonamides in tropical Asian waters. *Science of the Total Environment*, **2013**, 452-453, 108-15	10.2	153
46	Biohydrogen production by Thermoanaerobacterium thermosaccharolyticum KKU-ED1: Culture conditions optimization using mixed xylose/arabinose as substrate. *Electronic Journal of Biotechnology*, **2013**, 16,	3.1	9
45	Bio-Hydrogen Production from Pineapple Waste Extract by Anaerobic Mixed Cultures. *Energies*, **2013**, 6, 2175-2190	3.1	23
44	Enhancement of biohydrogen production from sweet sorghum syrup by anaerobic seed sludge in an anaerobic sequencing batch reactor by nutrient and vitamin supplementations. *Environmental Technology (United Kingdom)*, **2013**, 34, 2503-11	2.6	8
43	Biodegradation of carbofuran in sequencing batch reactor augmented with immobilised Burkholderia cepacia PCL3 on corncob. *Chemistry and Ecology*, **2013**, 29, 44-57	2.3	10
42	Bioremediation of carbofuran contaminated soil under saturated condition: soil column study. *Biodegradation*, **2012**, 23, 473-85	4.1	4
41	Isolation and characterisation of a carbofuran degrading Burkholderia sp. PCL3 from carbofuran-phytoremediated rhizosphere soil. *Chemistry and Ecology*, **2012**, 28, 253-266	2.3	8
40	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). *International Journal of Hydrogen Energy*, **2012**, 37, 15503-15510	6.7	67
39	Media optimization for biohydrogen production from waste glycerol by anaerobic thermophilic mixed cultures. *International Journal of Hydrogen Energy*, **2012**, 37, 15473-15482	6.7	23
38	Enhanced bio-hydrogen production from sugarcane juice by immobilized Clostridium butyricum on sugarcane bagasse. *International Journal of Hydrogen Energy*, **2012**, 37, 15525-15532	6.7	49
37	Biohydrogen production from waste glycerol and sludge by anaerobic mixed cultures. *International Journal of Hydrogen Energy*, **2012**, 37, 13789-13796	6.7	27
36	Biohydrogen production from xylose by Thermoanaerobacterium thermosaccharolyticum KKU19 isolated from hot spring sediment. *International Journal of Hydrogen Energy*, **2012**, 37, 12219-12228	6.7	46
35	Characterization of polyhydroxyalkanoates (PHAs) biosynthesis by isolated Novosphingobium sp. THA_AIK7 using crude glycerol. *Journal of Industrial Microbiology and Biotechnology*, **2012**, 39, 749-58	4.2	32
34	Optimization of Key Factors Affecting Methane Production from Acidic Effluent Coming from the Sugarcane Juice Hydrogen Fermentation Process. *Energies*, **2012**, 5, 4746-4757	3.1	38
33	Alkalinity of Cassava Wastewater Feed in Anodic Enhance Electricity Generation by a Single Chamber Microbial Fuel Cells. *Engineering Journal*, **2012**, 16, 17-28	1.8	10
32	Fluoroquinolone (FQ) contamination does not correlate with occurrence of FQ-resistant bacteria in aquatic environments of Vietnam and Thailand. *Microbes and Environments*, **2011**, 26, 135-43	2.6	54
31	lux-Marking and application of carbofuran degrader Burkholderia cepacia PCL3. *New Biotechnology*, **2011**, 28, 798-805	6.4	1

30	Coupling of zero valent iron and biobarriers for remediation of trichloroethylene in groundwater. *Journal of Environmental Sciences*, **2011**, 23, 560-7	6.4	14
29	Bioaugmentation of carbofuran residues in soil by Burkholderia cepacia PCL3: A small-scale field study. *International Biodeterioration and Biodegradation*, **2011**, 65, 902-905	4.8	16
28	Biohydrogen production from mixed xylose/arabinose at thermophilic temperature by anaerobic mixed cultures in elephant dung. *International Journal of Hydrogen Energy*, **2011**, 36, 13928-13938	6.7	36
27	Optimization of key factors affecting hydrogen production from food waste by anaerobic mixed cultures. *International Journal of Hydrogen Energy*, **2011**, 36, 14120-14133	6.7	77
26	Optimization of fermentative hydrogen production from hydrolysate of microwave assisted sulfuric acid pretreated oil palm trunk by hot spring enriched culture. *International Journal of Hydrogen Energy*, **2011**, 36, 14204-14216	6.7	45
25	Co-digestion of food waste and sludge for hydrogen production by anaerobic mixed cultures: Statistical key factors optimization. *International Journal of Hydrogen Energy*, **2011**, 36, 14227-14237	6.7	75
24	Biohydrogen production from sugarcane bagasse hydrolysate by elephant dung: Effects of initial pH and substrate concentration. *International Journal of Hydrogen Energy*, **2011**, 36, 8687-8696	6.7	93
23	Performance and population analysis of hydrogen production from sugarcane juice by non-sterile continuous stirred tank reactor augmented with Clostridium butyricum. *International Journal of Hydrogen Energy*, **2011**, 36, 8697-8703	6.7	45
22	Extreme-thermophilic biohydrogen production by an anaerobic heat treated digested sewage sludge culture. *International Journal of Hydrogen Energy*, **2011**, 36, 8727-8734	6.7	15
21	Hydrogen production from sludge of poultry slaughterhouse wastewater treatment plant pretreated with microwave. *International Journal of Hydrogen Energy*, **2011**, 36, 8751-8757	6.7	30
20	Biological hydrogen production from sweet sorghum syrup by mixed cultures using an anaerobic sequencing batch reactor (ASBR). *International Journal of Hydrogen Energy*, **2011**, 36, 8765-8773	6.7	49
19	Bio-productions of Hydrogen and Ethanol from Sugarcane **2010**, 365-378		
18	Screening of PHA-Producing Bacteria Using Biodiesel-Derived Waste Glycerol as a Sole Carbon Source. *Journal of Water and Environment Technology*, **2010**, 8, 373-381	1.1	15
17	Purification and characterization of a halotolerant serine proteinase from thermotolerant Bacillus licheniformis RKK-04 isolated from Thai fish sauce. *Applied Microbiology and Biotechnology*, **2010**, 86, 1867-75	5.7	40
16	Bioaugmentation of carbofuran by Burkholderia cepacia PCL3 in a bioslurry phase sequencing batch reactor. *Process Biochemistry*, **2010**, 45, 230-238	4.8	44
15	Biohydrogen production from dual digestion pretreatment of poultry slaughterhouse sludge by anaerobic self-fermentation. *International Journal of Hydrogen Energy*, **2010**, 35, 13427-13434	6.7	29
14	Optimization of biohydrogen production from sweet sorghum syrup using statistical methods. *International Journal of Hydrogen Energy*, **2010**, 35, 13435-13444	6.7	62
13	Bioaugmentation of carbofuran residues in soil using Burkholderia cepacia PCL3 adsorbed on agricultural residues. *International Biodeterioration and Biodegradation*, **2009**, 63, 515-522	4.8	35

12	Production of biohydrogen from hydrolyzed bagasse with thermally preheated sludge. *International Journal of Hydrogen Energy*, **2009**, 34, 7612-7617	6.7	48
11	Water environment conservation in a closed water body by high concentrated oxygen water. *Water Science and Technology*, **2008**, 58, 2313-8	2.2	3
10	Effects of rhizosphere remediation and bioaugmentation on carbofuran removal from soil. *World Journal of Microbiology and Biotechnology*, **2008**, 24, 983-989	4.4	15
9	Bio-hydrogen production from the fermentation of sugarcane bagasse hydrolysate by Clostridium butyricum. *International Journal of Hydrogen Energy*, **2008**, 33, 5256-5265	6.7	251
8	Repeated-batch fermentative for bio-hydrogen production from. *Pakistan Journal of Biological Sciences*, **2007**, 10, 1782-9	0.8	11
7	Factors affecting hydrogen production from cassava wastewater by a co-culture of anaerobic sludge and Rhodospirillum rubrum. *Pakistan Journal of Biological Sciences*, **2007**, 10, 3571-7	0.8	10
6	. *ScienceAsia*, **2006**, 32, 377	1.4	33
5	INFLUENCE OF NITROGEN, ACETATE AND PROPIONATE ON HYDROGEN PRODUCTION FROM PINEAPPLE WASTE EXTRACT BY Rhodospirillum rubrum. *Journal of Water and Environment Technology*, **2005**, 3, 93-117	1.1	7
4	ADSORPTION AND DESORPTION OF ATRAZINE IN SOILS AND SUBSURFACE SEDIMENTS. *Soil Science*, **2001**, 166, 921-929	0.9	51
3	TRANSPORT AND FATE OF ATRAZINE IN MIDWESTERN RIPARIAN BUFFER STRIPS1. *Journal of the American Water Resources Association*, **2001**, 37, 1681-1692	2.1	24
2	Bio-hydrogen and Methane Production from Lignocellulosic Materials		5
1	Anaerobic co-digestion of biogas effluent and sugarcane filter cake for methane production. *Biomass Conversion and Biorefinery*,1	2.3	4