

Fatthy Mohamed Morsy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3092980/publications.pdf>

Version: 2024-02-01

26
papers

683
citations

623188

14
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Semidry acid hydrolysis of cellulose sustained by autoclaving for production of reducing sugars for bacterial biohydrogen generation from various cellulose feedstock. PeerJ, 2021, 9, e11244.	0.9	1
2	Prenatal versus Postnatal Initial Colonization of Healthy Neonatesâ€™ Colon Ecosystem by the Enterobacterium Escherichia coli. Microbiology Spectrum, 2021, 9, e0037921.	1.2	2
3	Enterococcus faecalis Is a Better Competitor Than Other Lactic Acid Bacteria in the Initial Colonization of Colon of Healthy Newborn Babies at First Week of Their Life. Frontiers in Microbiology, 2020, 11, 2017.	1.5	15
4	Dark and photofermentation H ₂ production from hydrolyzed biomass of the potent extracellular polysaccharides producing cyanobacterium Nostoc commune and intracellular polysaccharide (glycogen) enriched Anabaena variabilis NIES-2095. International Journal of Hydrogen Energy, 2019, 44, 16199-16211.	3.8	8
5	Photoheterotrophic growth of purple non-sulfur bacteria on Tris Acetate Phosphate Yeast extract (TAPY) medium and its hydrogen productivity in light under nitrogen deprivation. International Journal of Hydrogen Energy, 2019, 44, 9282-9290.	3.8	9
6	Synergistic dark and photo-fermentation continuous system for hydrogen production from molasses by Clostridium acetobutylicum ATCC 824 and Rhodobacter capsulatus DSM 1710. Journal of Photochemistry and Photobiology B: Biology, 2017, 169, 1-6.	1.7	27
7	A cost-effective, temperature dependent, control of H ₂ production period by Escherichia coli and using waste culture to detoxify the carcinogenic Cr ⁶⁺ . International Journal of Hydrogen Energy, 2016, 41, 22775-22785.	3.8	2
8	Concomitant hydrolysis of sucrose by the long half-life time yeast invertase and hydrogen production by the hydrogen over-producing Escherichia coli HD701. Energy, 2016, 109, 412-419.	4.5	13
9	CO ₂ -free biohydrogen production by mixed dark and photofermentation bacteria from sorghum starch using a modified simple purification and collection system. Energy, 2015, 87, 594-604.	4.5	37
10	Toward revealing the controversy of bacterial biosynthesis versus bactericidal properties of silver nanoparticles (AgNPs): bacteria and other microorganisms do not per se viably synthesize AgNPs. Archives of Microbiology, 2015, 197, 645-655.	1.0	11
11	In situ hydrogen, acetone, butanol, ethanol and microdiesel production by Clostridium acetobutylicum ATCC 824 from oleaginous fungal biomass. Anaerobe, 2015, 34, 125-131.	1.0	23
12	Improvement of fungal lipids esterification process by bacterial lipase for biodiesel synthesis. Fuel, 2015, 160, 196-204.	3.4	15
13	Improvement of medium components for high riboflavin production by Aspergillus terreus using response surface methodology. Rendiconti Lincei, 2015, 26, 335-344.	1.0	10
14	Feasibility of installing and maintaining anaerobiosis using Escherichia coli HD701 as a facultative anaerobe for hydrogen production by Clostridium acetobutylicum ATCC 824 from various carbohydrates. Enzyme and Microbial Technology, 2015, 81, 56-62.	1.6	12
15	Synergistic interaction of Rhizobium leguminosarum bv. viciae and arbuscular mycorrhizal fungi as a plant growth promoting biofertilizers for faba bean (Vicia faba L.) in alkaline soil. Microbiological Research, 2014, 169, 49-58.	2.5	148
16	Enhancement of biodiesel, hydrogen and methane generation from molasses by Cunninghamella echinulata and anaerobic bacteria through sequential three-stage fermentation. Energy, 2014, 78, 543-554.	4.5	18
17	Hydrogen production by Escherichia coli without nitrogen sparging and subsequent use of the waste culture for fast mass scale one-pot green synthesis of silver nanoparticles. International Journal of Hydrogen Energy, 2014, 39, 11902-11912.	3.8	15
18	Two stage biodiesel and hydrogen production from molasses by oleaginous fungi and Clostridium acetobutylicum ATCC 824. International Journal of Hydrogen Energy, 2014, 39, 3185-3197.	3.8	53

#	ARTICLE	IF	CITATIONS
19	Isolation and characterization of a heavy-metal-resistant isolate of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> potentially applicable for biosorption of Cd ²⁺ and Co ²⁺ . <i>International Biodeterioration and Biodegradation</i> , 2012, 67, 48-55.	1.9	65
20	A simple approach to water and plankton sampling for water microbiological and physicochemical characterizations at various depths in aquatic ecosystems. <i>Annales De Limnologie</i> , 2011, 47, 65-71.	0.6	8
21	Acetate Versus Sulfur Deprivation Role in Creating Anaerobiosis in Light for Hydrogen Production by <i>Chlamydomonas reinhardtii</i> and <i>Spirulina platensis</i> : Two Different Organisms and Two Different Mechanisms. <i>Photochemistry and Photobiology</i> , 2011, 87, 137-142.	1.3	22
22	Hydrogen production from rotten dates by sequential three stages fermentation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 13518-13527.	3.8	47
23	Hydrogen production from acid hydrolyzed molasses by the hydrogen overproducing <i>Escherichia coli</i> strain HD701 and subsequent use of the waste bacterial biomass for biosorption of Cd(II) and Zn(II). <i>International Journal of Hydrogen Energy</i> , 2011, 36, 14381-14390.	3.8	31
24	A potent lipid producing isolate of <i>Epicoccum purpurascens</i> AUMC5615 and its promising use for biodiesel production. <i>Biomass and Bioenergy</i> , 2011, 35, 3182-3187.	2.9	36
25	Novel thermostable glycosidases in the extracellular matrix of the terrestrial cyanobacterium <i>Nostoc commune</i> . <i>Journal of General and Applied Microbiology</i> , 2008, 54, 243-252.	0.4	37
26	Subcellular localization of ferredoxin-NADP ⁺ oxidoreductase in phycobilisome retaining oxygenic photosynthetic organisms. <i>Photosynthesis Research</i> , 2007, 95, 73-85.	1.6	18