

# Fatthy Mohamed Morsy

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

683  
citations

623574

14  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic interaction of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> and arbuscular mycorrhizal fungi as a plant growth promoting biofertilizers for faba bean ( <i>Vicia faba</i> L.) in alkaline soil. <i>Microbiological Research</i> , 2014, 169, 49-58.	2.5	148
2	Isolation and characterization of a heavy-metal-resistant isolate of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> potentially applicable for biosorption of Cd <sup>2+</sup> and Co <sup>2+</sup> . <i>International Biodeterioration and Biodegradation</i> , 2012, 67, 48-55.	1.9	65
3	Two stage biodiesel and hydrogen production from molasses by oleaginous fungi and <i>Clostridium acetobutylicum</i> ATCC 824. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3185-3197.	3.8	53
4	Hydrogen production from rotten dates by sequential three stages fermentation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 13518-13527.	3.8	47
5	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
6	CO <sub>2</sub> -free biohydrogen production by mixed dark and photofermentation bacteria from sorghum starch using a modified simple purification and collection system. <i>Energy</i> , 2015, 87, 594-604.	4.5	37
7	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
8	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
9	Synergistic dark and photo-fermentation continuous system for hydrogen production from molasses by <i>Clostridium acetobutylicum</i> ATCC 824 and <i>Rhodobacter capsulatus</i> DSM 1710. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 1-6.	1.7	27
10	In situ hydrogen, acetone, butanol, ethanol and microdiesel production by <i>Clostridium acetobutylicum</i> ATCC 824 from oleaginous fungal biomass. <i>Anaerobe</i> , 2015, 34, 125-131.	1.0	23
11	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
12	Subcellular localization of ferredoxin-NADP <sup>+</sup> oxidoreductase in phycobilisome retaining oxygenic photosynthetic organisms. <i>Photosynthesis Research</i> , 2007, 95, 73-85.	1.6	18
13	Enhancement of biodiesel, hydrogen and methane generation from molasses by <i>Cunninghamella echinulata</i> and anaerobic bacteria through sequential three-stage fermentation. <i>Energy</i> , 2014, 78, 543-554.	4.5	18
14	Hydrogen production by <i>Escherichia coli</i> without nitrogen sparging and subsequent use of the waste culture for fast mass scale one-pot green synthesis of silver nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11902-11912.	3.8	15
15	Improvement of fungal lipids esterification process by bacterial lipase for biodiesel synthesis. <i>Fuel</i> , 2015, 160, 196-204.	3.4	15
16	<i>Enterococcus faecalis</i> 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. <i>Frontiers in Microbiology</i> , 2020, 11, 2017.	1.5	15
17	Concomitant hydrolysis of sucrose by the long half-life time yeast invertase and hydrogen production by the hydrogen over-producing <i>Escherichia coli</i> HD701. <i>Energy</i> , 2016, 109, 412-419.	4.5	13
18	Feasibility of installing and maintaining anaerobiosis using <i>Escherichia coli</i> HD701 as a facultative anaerobe for hydrogen production by <i>Clostridium acetobutylicum</i> ATCC 824 from various carbohydrates. <i>Enzyme and Microbial Technology</i> , 2015, 81, 56-62.	1.6	12

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19	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
20	Improvement of medium components for high riboflavin production by <i>Aspergillus terreus</i> using response surface methodology. Rendiconti Lincei, 2015, 26, 335-344.	1.0	10
21	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
22	A simple approach to water and plankton sampling for water microbiological and physicochemical characterizations at various depths in aquatic ecosystems. Annales De Limnologie, 2011, 47, 65-71.	0.6	8
23	Dark and photofermentation H <sub>2</sub> production from hydrolyzed biomass of the potent extracellular polysaccharides producing cyanobacterium <i>Nostoc commune</i> and intracellular polysaccharide (glycogen) enriched <i>Anabaena variabilis</i> NIES-2095. International Journal of Hydrogen Energy, 2019, 44, 16199-16211.	3.8	8
24	A cost-effective, temperature dependent, control of H <sub>2</sub> production period by <i>Escherichia coli</i> and using waste culture to detoxify the carcinogenic Cr <sup>6+</sup> . International Journal of Hydrogen Energy, 2016, 41, 22775-22785.	3.8	2
25	Prenatal versus Postnatal Initial Colonization of Healthy Neonates's Colon Ecosystem by the Enterobacterium <i>Escherichia coli</i> . Microbiology Spectrum, 2021, 9, e0037921.	1.2	2
26	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