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Кафедра биохимии, микробиологии и биотехнологии

Преподаватель по часовой оплате

🌐 Знание языков

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Статья

Comparison of sulfur and nitrogen deprivation effects on photosynthetic pigments, polyphenols, photosystems activity and H₂ generation in Chlorella vulgaris and Parachlorella kessleri

Jemma Manoyan, Lilit Hakobyan, Tatsiana Samovich, Nikolai Kozel, Naira Sahakyan,

Hanna Muravitskaya, Vadim Demidchik, Lilit Gabrielyan

International Journal of Hydrogen Energy 2024 408-418

Статья

Phototrophic microorganisms as the future of green biotechnology

Lilit Hakobyan, Lilit Gabrielyan

Microbial Essentialism: An Industrial Prospective 2024 181-205

Статья

The prospects of brewery waste application in biohydrogen production by photofermentation of Rhodobacter sphaeroides.

Lilit Hakobyan, Lilit Gabrielyan, Syuzanna Blbulyan, Armen Trchounian

International Journal of Hydrogen Energy 2021 289-296

Статья

Biohydrogen by Rhodobacter sphaeroides during photo-fermentation: Mixed vs. sole carbon sources enhance bacterial growth and H₂ production

Lilit Hakobyan, Lilit Gabrielyan, Armen Trchounian

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Статья

Bio-hydrogen production by Rhodobacter sphaeroides during mixed carbon fermentation

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Статья

The effect of Cu (I) and Cu (II) ions' low concentrations on growth, biohydrogen production and the FoF1-ATPase activity of Rhodobacter sphaeroides

Lilit Hakobyan, Harutyun Sargsyan, Lilit Gabrielyan, Armen Trchounian

Статья

Comparative effects of Ni(II) and Cu(II) ions and their combinations on redox potential and hydrogen photoproduction by Rhodobacter sphaeroides

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Light-dark duration alternation effects on Rhodobacter sphaeroides growth, membrane properties and bio-hydrogen production in batch culture

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The Effect of Various Metal Ions on Bio-hydrogen Production and F0F1-ATPase Activity of Rhodobacter Sphaeroides

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New sources and optimized conditions for hydrogen production by Rhodobacter sphaeroides

Lilit Gabrielyan, Lilit Hakobyan, Harutyun Sargsyan, Armen Trchounian

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Advantages of mixed carbon fermentation in biological hydrogen production by Rhodobacter sphaeroides

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Oxidizer and reducer different effects on proton-translocating FoF1-ATPase activity of Rhodobacter sphaeroides membrane vesicles

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Redox regulation of FoF1-ATPase activity of membrane vesicles of Rhodobacter sphaeroides

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Light/dark duration as a tool to enhance bio-hydrogen production by Rhodobacter sphaeroides

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Hydrogen cycle in purple non-sulfur bacteria: relationship between nitrogenase and hydrogenase

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Membrane conductance of Rhodobacter sphaeroides and the input of FOF1- ATPase in its formation

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The role of FOF1-ATPase in biological hydrogen production by Rhodobacter sphaeroides during mixed carbon fermentation

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Регуляция фотовыделения биоводорода пурпурной бактерией Rhodobacter sphaeroides

Габриелян Л.С., Акопян Л.Ю., Трчунян А.А.

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Optimization of growth conditions and substrates used as a tool altering the mode of metabolism of Rhodobacter sphaeroides: the role of membrane bound systems in the mechanisms of regulation.

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Перспективы фотоферментативного выделения Н₂ пурпурными бактериями при использовании углерод-содержащих продуктов.

Л.С. Габриелян, Л.Ю. Акопян, А.А. Трчунян

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Biological Hydrogen Generation by Purple Bacteria as a Promising Way of Industrial Waste Treatment

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Hydrogen generation in sulfur-deprived green microalgae Chlorella vulgaris

L. Hakobyan, J. Manoyan, E. Panosyan, L. Gabrielyan

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The case of industrial waste utilization by phototrophic microorganisms: incorporating active learning strategies for effective Biotechnology and Microbiology instruction at the graduate level

L. Hakobyan, L. Gabrielyan

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CHLORELLACEAE ԸՆՏԱՆԻՔԻ ԶՐԻՄՈՒՈՒԵՐԻ ԱՃՄԱՆ ԲՆՈՒԹՅԱԳՐԵՐԸ և ԿԵՆՍԱԶՐԱԾՆԻ

ԱՐՏԱԴՐՈՒԹՅՈՒՆ ԿԵՆՍԱԾԻՆ ՏԱՐՐԵՐԻ ՍԱԿԱՎՈՒԹՅԱՆ ՊԱՅՄԱՆՆԵՐՈՒՄ

Մանոյան Զ.Գ., Հակոբյան Լ.Յու., Մոլորավիդեկայա Ա.Օ., Ղեմիղչիկ Վ.Վ., Գաբրիելյան Լ.Ս.

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Application of active learning strategies to improve student engagement

L. Hakobyan, L. Gabrielyan

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Enhancement of H₂ production by Chlorella vulgaris using potato peel waste

J. Manoyan, L. Hakobyan, L. Gabrielyan

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Արդյունաբերական թափոնների կիրառությունը կանաչ ջրիմուռներում կենսազանգվածի և

կենսաշրածնի ստացման համար

Մանոյան Զ.Գ., Հակոբյան Լ.Յու., Գաբրիելյան Լ.Ս.
