# Yeshona Sewsynker-Sukai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5438022/publications.pdf

Version: 2024-02-01

| 17 | 760 | 623574 | 940416 |
|---|---|---|---|
| papers | citations | 14 h-index | 16 g-index |

| 17 | 17 | 17 | 823 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Valorisation of potato peel wastes for bioethanol production using simultaneous saccharification and fermentation: Process optimization and kinetic assessment. Renewable Energy, 2020, 146, 1031-1040. | 4.3 | 116 |
| 2 | Artificial neural networks: an efficient tool for modelling and optimization of biofuel production (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.5 | 95 |
| 3 | Valorization of sugarcane bagasse for bioethanol production through simultaneous saccharification and fermentation: Optimization and kinetic studies. Fuel, 2020, 262, 116552. | 3.4 | 94 |
| 4 | Simultaneous saccharification and bioethanol production from corn cobs: Process optimization and kinetic studies. Bioresource Technology, 2018, 262, 32-41. | 4.8 | 80 |
| 5 | Optimized activated charcoal detoxification of acid-pretreated lignocellulosic substrate and assessment for bioethanol production. Bioresource Technology, 2019, 286, 121403. | 4.8 | 63 |
| 6 | Progress in the development of alkali and metal salt catalysed lignocellulosic pretreatment regimes: Potential for bioethanol production. Bioresource Technology, 2020, 310, 123372. | 4.8 | 55 |
| 7 | Modelling of biohydrogen generation in microbial electrolysis cells (MECs) using a committee of artificial neural networks (ANNs). Biotechnology and Biotechnological Equipment, 2015, 29, 1208-1215. | 0.5 | 42 |
| 8 | Recent developments in the application of kraft pulping alkaline chemicals for lignocellulosic pretreatment: Potential beneficiation of green liquor dregs waste. Bioresource Technology, 2020, 306, 123225. | 4.8 | 38 |
| 9 | Development of a sequential alkalic salt and dilute acid pretreatment for enhanced sugar recovery from corn cobs. Energy Conversion and Management, 2018, 160, 22-30. | 4.4 | 34 |
| 10 | Microwave-assisted alkalic salt pretreatment of corn cob wastes: Process optimization for improved sugar recovery. Industrial Crops and Products, 2018, 125, 284-292. | 2.5 | 31 |
| 11 | Optimization of a novel sequential alkalic and metal salt pretreatment for enhanced delignification and enzymatic saccharification of corn cobs. Bioresource Technology, 2017, 243, 785-792. | 4.8 | 26 |
| 12 | Intelligent models to predict hydrogen yield in dark microbial fermentations using existing knowledge. International Journal of Hydrogen Energy, 2016, 41, 12929-12940. | 3.8 | 24 |
| 13 | Valorisation of cassava peels through simultaneous saccharification and ethanol production: Effect of prehydrolysis time, kinetic assessment and preliminary scale up. Fuel, 2020, 278, 118351. | 3.4 | 22 |
| 14 | Development of a green liquor dregs pretreatment for enhanced glucose recovery from corn cobs and kinetic assessment on various bioethanol fermentation types. Fuel, 2020, 274, 117797. | 3.4 | 16 |
| 15 | Development of microwave-assisted alkaline pretreatment methods for enhanced sugar recovery from bamboo and corn cobs: Process optimization, chemical recyclability and kinetics of bioethanol production. Industrial Crops and Products, 2021, 174, 114166. | 2.5 | 15 |
| 16 | Does the volume matter in bioprocess model development? An insight into modelling and optimization of biohydrogen production. International Journal of Hydrogen Energy, 2017, 42, 5780-5792. | 3.8 | 9 |
| 17 | Biologically Renewable Resources of Energy: Potentials, Progress and Barriers. , 2018, , 1-22. | | 0 |