Anestis Vlysidis

List of Publications by Year
in descending order

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28 papers	1,569 citations	394421 19 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	1978 citing authors

#	Article	IF	Citations
1	Valorization of industrial waste and by-product streams via fermentation for the production of chemicals and biopolymers. Chemical Society Reviews, 2014, 43, 2587.	38.1	437
2	A techno-economic analysis of biodiesel biorefineries: Assessment of integrated designs for the co-production of fuels and chemicals. Energy, 2011, 36, 4671-4683.	8.8	185
3	Actinobacillus succinogenes : Advances on succinic acid production and prospects for development of integrated biorefineries. Biochemical Engineering Journal, 2016, 112, 285-303.	3.6	138
4	Glycerol utilisation for the production of chemicals: Conversion to succinic acid, a combined experimental and computational study. Biochemical Engineering Journal, 2011, 58-59, 1-11.	3.6	107
5	Sustainable production of bio-based chemicals and polymers via integrated biomass refining and bioprocessing in a circular bioeconomy context. Bioresource Technology, 2020, 307, 123093.	9.6	104
6	Prospects on bio-based 2,3-butanediol and acetoin production: Recent progress and advances. Biotechnology Advances, 2022, 54, 107783.	11.7	61
7	Life cycle assessment of bioprocessing schemes for poly(3-hydroxybutyrate) production using soybean oil and sucrose as carbon sources. Resources, Conservation and Recycling, 2019, 141, 317-328.	10.8	57
8	Techno-economic evaluation of wine lees refining for the production of value-added products. Biochemical Engineering Journal, 2016, 116, 157-165.	3.6	46
9	Modelling succinic acid fermentation using a xylose based substrate. Biochemical Engineering Journal, 2016, 114, 26-41.	3.6	45
10	Downstream separation of poly(hydroxyalkanoates) using crude enzyme consortia produced via solid state fermentation integrated in a biorefinery concept. Food and Bioproducts Processing, 2016, 100, 323-334.	3.6	40
11	Downstream separation and purification of succinic acid from fermentation broths using spent sulphite liquor as feedstock. Separation and Purification Technology, 2019, 209, 666-675.	7.9	40
12	Integrated biorefinery development using winery waste streams for the production of bacterial cellulose, succinic acid and value-added fractions. Bioresource Technology, 2022, 343, 125989.	9.6	39
13	Improvement on bioprocess economics for 2,3-butanediol production from very high polarity cane sugar via optimisation of bioreactor operation. Bioresource Technology, 2019, 274, 343-352.	9.6	32
14	Optimisation of 2,3-butanediol production by Enterobacter ludwigii using sugarcane molasses. Biochemical Engineering Journal, 2019, 152, 107370.	3.6	31
15	Extraction of phenolic compounds and succinic acid production from spent sulphite liquor. Journal of Chemical Technology and Biotechnology, 2016, 91, 2751-2760.	3.2	29
16	Bioprocess development using organic biowaste and sustainability assessment of succinic acid production with engineered Yarrowia lipolytica strain. Biochemical Engineering Journal, 2021, 174, 108099.	3.6	27
17	Lactic acid fermentation modelling of Streptococcus thermophilus YI-B1 and Lactobacillus casei Shirota using food waste derived media. Biochemical Engineering Journal, 2017, 127, 97-109.	3.6	26
18	Valorization of spent sulphite liquor for succinic acid production via continuous fermentation system. Biochemical Engineering Journal, 2018, 137, 262-272.	3.6	22

#	Article	IF	Citations
19	Detoxification and methane production kinetics from threeâ€phase olive mill wastewater using Fenton's reagent followed by anaerobic digestion. Journal of Chemical Technology and Biotechnology, 2019, 94, 265-275.	3.2	22
20	Statistical optimization and kinetic analysis of the extraction of phenolic compounds from olive leaves. Journal of Chemical Technology and Biotechnology, 2020, 95, 457-465.	3.2	17
21	Succinic acid fermentation in a stationary-basket bioreactor with a packed bed of immobilized Actinobacillus succinogenes: 1. Influence of internal diffusion on substrate mass transfer and consumption rate. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 877-888.	3.0	15
22	Optimization of fermentation medium for succinic acid production using Basfia succiniciproducens. Environmental Technology and Innovation, 2021, 24, 101914.	6.1	13
23	Glycerol metabolic conversion to succinic acid using Actinobacillus succinogenes. Computer Aided Chemical Engineering, 2011, 29, 1421-1425.	0.5	10
24	Industrial case studies on the detoxificaton of OMWW using Fenton oxidation process followed by biological processes for energy and compost production. , 2017, , 119-138.		10
25	Increasing the volumetric productivity of fermentative ethanol production using a fed-batch vacuferm process. Biomass Conversion and Biorefinery, 2021, 11, 673-680.	4.6	6
26	Pretreatment of Olive Mill Wastes for the Extraction of Residual Oil and High Added Value Compounds. Waste and Biomass Valorization, 2020, 11, 4025-4034.	3.4	5
27	Monitoring of a III-Phase Olive Pomace Composting Process Using the CIELAB Colorimetric Method. Waste and Biomass Valorization, 2021, 12, 5029-5039.	3.4	5
28	MODELING OF SELECTIVE PERTRACTION OF CARBOXYLIC ACIDS PRODUCED BY Actinobacillus succinogenes FERMENTATION. Environmental Engineering and Management Journal, 2012, 11, 1901-1906.	0.6	0