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16 years research on lactic acid production with yeast - ready for the market?

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103	Microbial D-xylonate production. 2012 , 96, 1-8		71
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100	Lactic acid production in <i>Saccharomyces cerevisiae</i> is modulated by expression of the monocarboxylate transporters Jen1 and Ady2. 2012 , 12, 375-81		59
99	Glycolic acid production in the engineered yeasts <i>Saccharomyces cerevisiae</i> and <i>Kluyveromyces lactis</i> . 2013 , 12, 82		84
98	Separation Processes in Biopolymer Production. 2013 , 555-568		1
97	Microbial production of organic acids for use in food. 2013 , 288-320		
96	Biotechnology of non- <i>Saccharomyces</i> yeasts--the ascomycetes. 2013 , 97, 503-17		86
95	Low pH D-xylonate production with <i>Pichia kudriavzevii</i> . 2013 , 133, 555-62		57
94	Single-cell measurements of enzyme levels as a predictive tool for cellular fates during organic acid production. 2013 , 79, 7569-82		5
93	Changes in SAM2 expression affect lactic acid tolerance and lactic acid production in <i>Saccharomyces cerevisiae</i> . 2014 , 13, 147		7
92	Single cell and in vivo analyses elucidate the effect of xylC lactonase during production of D-xylonate in <i>Saccharomyces cerevisiae</i> . 2014 , 25, 238-47		21
91	Old obstacles and new horizons for microbial chemical production. 2014 , 30, 101-6		22

90	Saccharomyces cerevisiae: a potential host for carboxylic acid production from lignocellulosic feedstock?. 2014 , 98, 7299-318	18
89	Yeast cell-based analysis of human lactate dehydrogenase isoforms. 2015 , 158, 467-76	8
88	Organic acids from lignocellulose: Candida lignohabitans as a new microbial cell factory. 2015 , 42, 681-91	26
87	Metabolic engineering of carbon and redox flow in the production of small organic acids. 2015 , 42, 403-22	38
86	Process strategies for enhanced production of 1,3-propanediol by Lactobacillus reuteri using glycerol as a co-substrate. 2015 , 94, 30-38	20
85	Fermentation Routes to Biomaterials. 2016 ,	
84	Assessing physio-macromolecular effects of lactic acid on Zygosaccharomyces bailii cells during microaerobic fermentation. 2016 , 16,	10
83	GSF2 deletion increases lactic acid production by alleviating glucose repression in Saccharomyces cerevisiae. 2016 , 6, 34812	11
82	Novel homologous lactate transporter improves L-lactic acid production from glycerol in recombinant strains of Pichia pastoris. 2016 , 15, 158	19
81	Protein aggregation and membrane lipid modifications under lactic acid stress in wild type and OPI1 deleted Saccharomyces cerevisiae strains. 2016 , 15, 39	25
80	Carboxylic Acids Plasma Membrane Transporters in Saccharomyces cerevisiae. 2016 , 892, 229-251	28
79	Synthetic Biology Assisting Metabolic Pathway Engineering. 2016 , 255-280	2
78	Microbial production of lactic acid: the latest development. 2016 , 36, 967-977	108
77	Improvement of d-Lactic Acid Production in Saccharomyces cerevisiae Under Acidic Conditions by Evolutionary and Rational Metabolic Engineering. 2017 , 12, 1700015	45
76	Biosynthesis of lactic acid in a membrane bioreactor for cleaner technology of polylactide production. 2017 , 19, 869-882	12
75	Technological aspects of the production of biodegradable polymers and other chemicals from renewable sources using lactic acid. 2017 , 155, 157-163	19
74	Toward "homolactic" fermentation of glucose and xylose by engineered Saccharomyces cerevisiae harboring a kinetically efficient l-lactate dehydrogenase within pdc1-pdc5 deletion background. 2017 , 114, 163-171	8
73	The evolution of Lachancea thermotolerans is driven by geographical determination, anthropisation and flux between different ecosystems. 2017 , 12, e0184652	35

72	Transcriptional Response to Lactic Acid Stress in the Hybrid Yeast <i>Zygosaccharomyces parabolii</i> . 2018 , 84,	11
71	L-Lactic acid production from glucose and xylose with engineered strains of <i>Saccharomyces cerevisiae</i> : aeration and carbon source influence yields and productivities. 2018 , 17, 59	19
70	Value added products from fermentation of sugars derived from agro-food residues. 2018 , 71, 52-64	42
69	Direct fermentation of Jerusalem artichoke tuber powder for production of l-lactic acid and d-lactic acid by metabolically engineered <i>Kluyveromyces marxianus</i> . 2018 , 266, 27-33	16
68	Oenological traits of <i>Lachancea thermotolerans</i> show signs of domestication and allopatric differentiation. 2018 , 8, 14812	43
67	Engineering of <i>Saccharomyces cerevisiae</i> for enhanced production of L-lactic acid by co-expression of acid-stable glycolytic enzymes from <i>Picrophilus torridus</i> . 2018 , 35, 1673-1679	3
66	Effect of Pyruvate Decarboxylase Knockout on Product Distribution Using <i>Pichia pastoris</i> (<i>Komagataella phaffii</i>) Engineered for Lactic Acid Production. 2018 , 5,	10
65	Low-pH production of d-lactic acid using newly isolated acid tolerant yeast <i>Pichia kudriavzevii</i> NG7. 2018 , 115, 2232-2242	29
64	Yeasts for Bioconversion of Crude Glycerol to High-Value Chemicals. 2019 , 389-451	3
63	Investigation into the Potential of <i>Lachancea fermentati</i> Strain KBI 12.1 for Low Alcohol Beer Brewing. 2019 , 77, 157-169	13
62	The amazing potential of fungi: 50 ways we can exploit fungi industrially. 2019 , 97, 1-136	236
61	Efficient production of d-lactate from methane in a lactate-tolerant strain of sp. DH-1 generated by adaptive laboratory evolution. 2019 , 12, 234	19
60	<i>Lachancea thermotolerans</i> as a tool to improve pH in red wines from warm regions. 2019 , 245, 885-894	20
59	Reply: Potential risk associated with direct modulation of the gut flora in patients with heart failure. 2019 , 6, 557-558	2
58	Effect of Co-Inoculation with and Lactic Acid Bacteria on the Content of Propan-2-ol, Acetaldehyde and Weak Acids in Fermented Distillery Mash. 2019 , 20,	2
57	Production of biofuels and chemicals from xylose using native and engineered yeast strains. 2019 , 37, 271-283	71
56	Efficient l-lactic acid production from corncob residue using metabolically engineered thermo-tolerant yeast. 2019 , 273, 220-230	31
55	Biological cell template synthesis of nitrogen-doped porous hollow carbon spheres/MnO ₂ composites for high-performance asymmetric supercapacitors. 2019 , 296, 907-915	282

54	A comprehensive metabolic map for production of bio-based chemicals. 2019 , 2, 18-33	237
53	IoGAS1, a GPI-Anchored Protein Derived from <i>Issatchenkia orientalis</i> , Confers Tolerance of <i>Saccharomyces cerevisiae</i> to Multiple Acids. 2020 , 190, 1349-1359	3
52	New insights into the variability of lactic acid production in <i>Lachancea thermotolerans</i> at the phenotypic and genomic level. 2020 , 238, 126525	10
51	Membrane transporters in the bioproduction of organic acids: state of the art and future perspectives for industrial applications. 2020 , 367,	11
50	Engineering the Yeast for Production of Polylactic Acid Homopolymer. 2020 , 8, 954	10
49	Strains Isolated From Kombucha: Fundamental Insights, and Practical Application in Low Alcohol Beer Brewing. 2020 , 11, 764	13
48	Molecular Characterization and Enological Potential of A High Lactic Acid-Producing Vineyard Strain. 2020 , 9,	14
47	Downscaling screening cultures in a multifunctional bioreactor array-on-a-chip for speeding up optimization of yeast-based lactic acid bioproduction. 2020 , 117, 2046-2057	4
46	NiS nanoparticles assembled on biological cell walls-derived porous hollow carbon spheres as a novel battery-type electrode for hybrid supercapacitor. 2020 , 55, 14431-14446	24
45	Multi-Product Lactic Acid Bacteria Fermentations: A Review. 2020 , 6, 23	48
44	Domesticating a food spoilage yeast into an organic acid-tolerant metabolic engineering host: Lactic acid production by engineered <i>Zygosaccharomyces bailii</i> . 2021 , 118, 372-382	4
43	Prospects of using <i>Lachancea thermotolerans</i> yeast in winemaking. 2021 , 247, 01012	0
42	An Overview of Raw Starch Digesting Enzymes and Their Applications in Biofuel Development. 2021 , 49-85	1
41	In vitro evaluation of probiotic bacteria and yeast growth, pH changes and metabolites produced in a pure culture system using protein base products with various added carbon sources.	0
40	Mechanisms underlying lactic acid tolerance and its influence on lactic acid production in. 2021 , 8, 111-130	3
39	Cell wall hemicellulose for sustainable industrial utilization. 2021 , 144, 110996	22
38	Impact of <i>Lachancea thermotolerans</i> on chemical composition and sensory profiles of Merlot wines. 2021 , 349, 129015	13
37	Efficient conversion of hemicellulose sugars from spent sulfite liquor into optically pure L-lactic acid by <i>Enterococcus mundtii</i> . 2021 , 333, 125215	4

36	Bioplastics advances and their role in the management of plastic pollution. 229-240	
35	Potential Valorization of Organic Waste Streams to Valuable Organic Acids through Microbial Conversion: A South African Case Study. 2021 , 11, 964	3
34	<i>Saccharomyces cerevisiae</i> as host for the recombinant production of polyketides and nonribosomal peptides. 2021 , 20, 161	3
33	Production and applications of polylactic acid. 2021 , 309-357	2
32	Molecular tools and protocols for engineering the acid-tolerant yeast <i>Zygosaccharomyces bailii</i> as a potential cell factory. 2014 , 1152, 63-85	8
31	Production of Organic Acids by Yeasts and Filamentous Fungi. 2017 , 205-223	10
30	Production of Metabolites and Heterologous Proteins. 2014 , 299-326	1
29	Yeast Cell Factories. 2020 , 319-337	
28	Production of Metabolites and Heterologous Proteins. 2014 , 299-326	0
27	An Integrative View of the Role of in Wine Technology. 2021 , 10,	2
26	State of the Art on the Microbial Production of Industrially Relevant Organic Acids. 2022 , 12, 234	0
25	Yeast Template-Derived Multielectron Reaction NASICON Structure NaMnTi(PO) for High-Performance Sodium-Ion Batteries. 2021 ,	2
24	Data_Sheet_1.pdf. 2020 ,	
23	Image_1.PNG. 2020 ,	
22	Image_2.PNG. 2020 ,	
21	Image_3.PNG. 2020 ,	
20	Image_4.PNG. 2020 ,	
19	Table_1.xlsx. 2020 ,	

18	Table_2.xlsx. 2020 ,	
17	Table_3.docx. 2020 ,	
16	Impact of <i>Lachancea thermotolerans</i> on Chemical Composition and Sensory Profiles of Viognier Wines. 2022 , 8, 474	o
15	Biomodulation of Physicochemical Parameters, Aromas, and Sensory Profile of Craft Beers by Using Non-Saccharomyces Yeasts.	o
14	Membrane transport as a target for metabolic engineering. 2022 , 27-43	
13	Biological management of acidity in wine industry: A review. 2022 , 375, 109726	4
12	Multiparametric Approach to Interactions between <i>Saccharomyces cerevisiae</i> and <i>Lachancea thermotolerans</i> during Fermentation. 2022 , 8, 286	
11	Hypersymbiotics—An artistic reflection on the ethical and environmental implications of microbiome research and new technologies. 2022 , 100820	
10	Molecular Tools for Leveraging the Potential of the Acid-Tolerant Yeast <i>Zygosaccharomyces bailii</i> as Cell Factory. 2022 , 179-204	
9	The cell wall and the response and tolerance to stresses of biotechnological relevance in yeasts. 13,	1
8	Potential of non-Saccharomyces yeast to produce non-alcoholic beer.	1
7	D-Lactic Acid Production from Sugarcane Bagasse by Genetically Engineered <i>Saccharomyces cerevisiae</i> . 2022 , 8, 816	1
6	Ethanol-Lactate Transition of <i>Lachancea thermotolerans</i> Is Linked to Nitrogen Metabolism.	o
5	Ethanol-lactate transition of <i>Lachancea thermotolerans</i> is linked to nitrogen metabolism. 2022 , 104167	o
4	Construction of fully biodegradable poly(L-lactic acid)/poly(D-lactic acid)-poly(lactide-co-caprolactone) block polymer films: Viscoelasticity, processability and flexibility. 2023 , 236, 123980	o
3	Lactic Acid: A Comprehensive Review of Production to Purification. 2023 , 11, 688	o
2	L-lactate production in engineered <i>Saccharomyces cerevisiae</i> using a multistage multiobjective automated design framework.	o
1	<i>Schwanniomyces etchellsii</i> , acid-thermotolerant yeasts from urban city soil. 2023 , 39,	o

