

Svetlana V Kamzolova

List of Publications by Year in descending order

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38
papers

1,649
citations

236612

25
h-index

301761

39
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40
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40
docs citations

40
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	¹³ C NMR isotopomer analysis reveals a connection between pyruvate cycling and glucose-stimulated insulin secretion (GSIS). Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2708-2713.	3.3	247
2	Citric acid production from glycerol-containing waste of biodiesel industry by <i>Yarrowia lipolytica</i> in batch, repeated batch, and cell recycle regimes. Applied Microbiology and Biotechnology, 2010, 87, 971-979.	1.7	156
3	The citric acid production from raw glycerol by <i>Yarrowia lipolytica</i> yeast and its regulation. Applied Microbiology and Biotechnology, 2013, 97, 7387-7397.	1.7	111
4	Oxygen requirements for growth and citric acid production of. FEMS Yeast Research, 2003, 3, 217-222.	1.1	96
5	Pyruvic acid production by a thiamine auxotroph of <i>Yarrowia lipolytica</i> . Process Biochemistry, 2004, 39, 1469-1474.	1.8	81
6	Citric Acid Production Patent Review. Recent Patents on Biotechnology, 2008, 2, 107-123.	0.4	78
7	Biochemistry of Citric Acid Production from Rapeseed Oil by <i>Yarrowia lipolytica</i> Yeast. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 1965-1976.	0.8	57
8	Isocitric acid production from rapeseed oil by <i>Yarrowia lipolytica</i> yeast. Applied Microbiology and Biotechnology, 2013, 97, 9133-9144.	1.7	56
9	Î±-Ketoglutaric acid production by <i>Yarrowia lipolytica</i> and its regulation. Applied Microbiology and Biotechnology, 2012, 96, 783-791.	1.7	53
10	Chemically assisted microbial production of succinic acid by the yeast <i>Yarrowia lipolytica</i> grown on ethanol. Applied Microbiology and Biotechnology, 2009, 83, 1027-1034.	1.7	47
11	Î±-Ketoglutaric acid production from rapeseed oil by <i>Yarrowia lipolytica</i> yeast. Applied Microbiology and Biotechnology, 2013, 97, 5517-5525.	1.7	45
12	Application of organic acids for plant protection against phytopathogens. Applied Microbiology and Biotechnology, 2017, 101, 921-932.	1.7	45
13	Citric Acid Production by <i>Yarrowia lipolytica</i> Yeast on Different Renewable Raw Materials. Fermentation, 2018, 4, 36.	1.4	43
14	Metabolic peculiarities of the citric acid overproduction from glucose in yeasts <i>Yarrowia lipolytica</i> . Bioresource Technology, 2017, 243, 433-440.	4.8	39
15	Enhanced Î±-ketoglutaric acid production and recovery in <i>Yarrowia lipolytica</i> yeast by effective pH controlling. Applied Microbiology and Biotechnology, 2013, 97, 8711-8718.	1.7	37
16	Arachidonic acid as an elicitor of the plant defense response to phytopathogens. Chemical and Biological Technologies in Agriculture, 2014, 1, .	1.9	31
17	The peculiarities of succinic acid production from rapeseed oil by <i>Yarrowia lipolytica</i> yeast. Applied Microbiology and Biotechnology, 2014, 98, 4149-4157.	1.7	31
18	Investigation of the effect of biologically active threo-Ds-isocitric acid on oxidative stress in <i>Paramecium caudatum</i> . Preparative Biochemistry and Biotechnology, 2018, 48, 1-5.	1.0	31

#	ARTICLE	IF	CITATIONS
19	Arachidonic acid synthesis by glycerol-grown <i>Mortierella alpina</i> . European Journal of Lipid Science and Technology, 2012, 114, 833-841.	1.0	30
20	Production of technical-grade sodium citrate from glycerol-containing biodiesel waste by <i>Yarrowia lipolytica</i> . Bioresource Technology, 2015, 193, 250-255.	4.8	30
21	Biosynthesis of pyruvic acid from glycerol-containing substrates and its regulation in the yeast <i>Yarrowia lipolytica</i> . Bioresource Technology, 2018, 266, 125-133.	4.8	30
22	Arachidonic acid synthesis from biodiesel-derived waste by <i>Mortierella alpina</i> . European Journal of Lipid Science and Technology, 2014, 116, 429-437.	1.0	29
23	The production of succinic acid by yeast <i>Yarrowia lipolytica</i> through a two-step process. Applied Microbiology and Biotechnology, 2014, 98, 7959-7969.	1.7	29
24	Physiologo-biochemical characteristics of citrate-producing yeast <i>Yarrowia lipolytica</i> grown on glycerol-containing waste of biodiesel industry. Applied Microbiology and Biotechnology, 2015, 99, 6443-6450.	1.7	27
25	Fermentation Conditions and Media Optimization for Isocitric Acid Production from Ethanol by <i>Yarrowia lipolytica</i> . BioMed Research International, 2018, 2018, 1-9.	0.9	26
26	The effect of oxalic and itaconic acids on threo-Ds-isocitric acid production from rapeseed oil by <i>Yarrowia lipolytica</i> . Bioresource Technology, 2016, 206, 128-133.	4.8	23
27	Biosynthesis of isocitric acid in repeated-batch culture and testing of its stress-protective activity. Applied Microbiology and Biotechnology, 2019, 103, 3549-3558.	1.7	23
28	Biosynthesis of pyruvic acid from glucose by <i>Blastobotrys adenivorans</i> . Applied Microbiology and Biotechnology, 2016, 100, 7689-7697.	1.7	22
29	The Effect of pH and Temperature on Arachidonic Acid Production by Glycerol-Grown <i>Mortierella alpina</i> NRRL-A-10995. Fermentation, 2018, 4, 17.	1.4	20
30	Succinic acid production from <i>n</i> -alkanes. Engineering in Life Sciences, 2012, 12, 560-566.	2.0	15
31	Optimization of medium composition and fermentation conditions for α -ketoglutaric acid production from biodiesel waste by <i>Yarrowia lipolytica</i> . Applied Microbiology and Biotechnology, 2020, 104, 7979-7989.	1.7	12
32	Microbial production of (2 R,3 S)-isocitric acid: state of the arts and prospects. Applied Microbiology and Biotechnology, 2019, 103, 9321-9333.	1.7	11
33	Effects of Medium Components on Isocitric Acid Production by <i>Yarrowia lipolytica</i> Yeast. Fermentation, 2020, 6, 112.	1.4	9
34	Isocitric Acid Production from Ethanol Industry Waste by <i>Yarrowia lipolytica</i> . Fermentation, 2021, 7, 146.	1.4	9
35	Microbiological Production of Isocitric Acid from Biodiesel Waste and Its Effect on Spatial Memory. Microorganisms, 2020, 8, 462.	1.6	6
36	Effect of Metabolic Regulators and Aeration on Isocitric Acid Synthesis by <i>Yarrowia lipolytica</i> Grown on Ester-Aldehyde Fraction. Fermentation, 2021, 7, 283.	1.4	5

#	ARTICLE	IF	CITATIONS
37	Physiological, Biochemical and Energetic Characteristics of <i>Torulaspota globosa</i> , a Potential Producer of Biofuel. <i>Energies</i> , 2021, 14, 3198.	1.6	4
38	Antifungal Potential of Organic Acids Produced by <i>Mortierella Alpina</i> . <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 1218.	0.2	0