

Jonas Contiero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7762827/publications.pdf>

Version: 2024-02-01

94
papers

3,976
citations

172386

29
h-index

123376

61
g-index

97
all docs

97
docs citations

97
times ranked

4323
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignin surface area influenced by biomass heterogeneity and pretreatment process. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 477-488.	2.9	1
2	Enzymatic Production of Xylooligosaccharides from Xylan Solubilized from Food and Agroindustrial Waste. <i>Bioenergy Research</i> , 2022, 15, 1195-1203.	2.2	10
3	Rhamnolipids as Green Stabilizers of nZVI and Application in the Removal of Nitrate From Simulated Groundwater. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 794460.	2.0	6
4	Sieving process selects sugarcane bagasse with lower recalcitrance to xylan solubilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 327-334.	1.6	23
5	Rhamnolipid from <i>Pseudomonas aeruginosa</i> can improve the removal of Direct Orange 2GL in textile dye industry effluents. <i>Journal of Molecular Liquids</i> , 2021, 321, 114753.	2.3	13
6	Pseudo-Lignin Content Decreased with Hemicellulose and Lignin Removal, Improving Cellulose Accessibility, and Enzymatic Digestibility. <i>Bioenergy Research</i> , 2021, 14, 106-121.	2.2	25
7	Production of Rhamnolipids from Soybean Soapstock: Characterization and Comparison with Synthetics Surfactants. <i>Waste and Biomass Valorization</i> , 2021, 12, 2013-2023.	1.8	5
8	Biochars from <i>Spirulina</i> as an alternative material in the purification of lactic acid from a fermentation broth. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100084.	2.9	6
9	Polyhydroxyalkanoates: naturally occurring microbial polymers suitable for nanotechnology applications. , 2021, , 3-20.		4
10	Rhamnolipid-Based Liposomes as Promising Nano-Carriers for Enhancing the Antibacterial Activity of Peptides Derived from Bacterial Toxin-Antitoxin Systems. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 925-939.	3.3	13
11	Chemical composition determines the bioenergy potential of food waste from pre- and post-production. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 1365-1373.	1.6	10
12	Production of L (+) Lactic Acid by <i>Lactobacillus casei</i> Ke11: Fed Batch Fermentation Strategies. <i>Fermentation</i> , 2021, 7, 151.	1.4	12
13	Rhamnolipids and essential oils in the control of mosquito-borne tropical diseases. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7505-7515.	1.7	0
14	Silver nanoparticles stabilized by rhamnolipids: Effect of pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111883.	2.5	20
15	Production Of 2-O-Alpha-D-Glucopyranosyl-L-Ascorbic Acid by Transglycosylation Using Dextranucrase From <i>Leuconostoc mesenteroides</i> . <i>Current Research in Chemistry</i> , 2021, 13, 1-6.	0.5	0
16	Active-electrode biosensor of SnO ₂ nanowire for cyclodextrin detection from microbial enzyme. <i>Nanotechnology</i> , 2020, 31, 165501.	1.3	5
17	A New Possibility for Fermentation Monitoring by Electrical Driven Sensing of Ultraviolet Light and Glucose. <i>Biosensors</i> , 2020, 10, 97.	2.3	2
18	Efficient Conversion of Agroindustrial Waste into D(-) Lactic Acid by <i>Lactobacillus delbrueckii</i> Using Fed-Batch Fermentation. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	25

#	ARTICLE	IF	CITATIONS
19	Polyhydroxyalkanoate Synthesis by <i>Burkholderia glumae</i> into a Sustainable Sugarcane Biorefinery Concept. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 631284.	2.0	12
20	Evaluation of a new method for (L+) lactic acid purification, using ethyl ether. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 26, 101653.	1.5	5
21	Biomass Fractionation Based on Enzymatic Hydrolysis for Biorefinery Systems. <i>Clean Energy Production Technologies</i> , 2020, , 217-254.	0.3	3
22	<i>Burkholderia glumae</i> MA13: A newly isolated bacterial strain suitable for polyhydroxyalkanoate production from crude glycerol. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101268.	1.5	17
23	Technological challenges and advances: from lactic acid to polylactate and copolymers. , 2019, , 117-153.		0
24	High-titer and productivity of l-(+)-lactic acid using exponential fed-batch fermentation with <i>Bacillus coagulans</i> arr4, a new thermotolerant bacterial strain. <i>3 Biotech</i> , 2018, 8, 213.	1.1	10
25	Experimental design for optimization of D-lactic acid production using a UV-light selected strain. <i>Journal of Applied Biotechnology & Bioengineering</i> , 2018, 5, .	0.0	1
26	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production from biodiesel by-product and propionic acid by mutant strains of <i>Pandoraea</i> sp.. <i>Biotechnology Progress</i> , 2017, 33, 1077-1084.	1.3	31
27	Biodiesel byproduct bioconversion to rhamnolipids: Upstream aspects. <i>Heliyon</i> , 2017, 3, e00337.	1.4	8
28	Polyhydroxyalkanoate production from crude glycerol by newly isolated <i>Pandoraea</i> sp.. <i>Journal of King Saud University - Science</i> , 2017, 29, 166-173.	1.6	51
29	Biosurfactants produced by <i>Scheffersomyces stipitis</i> cultured in sugarcane bagasse hydrolysate as new green larvicides for the control of <i>Aedes aegypti</i> , a vector of neglected tropical diseases. <i>PLoS ONE</i> , 2017, 12, e0187125.	1.1	34
30	Environmentally Friendly Production of D(+) Lactic Acid by <i>Sporolactobacillus nakayamae</i> : Investigation of Fermentation Parameters and Fed-Batch Strategies. <i>International Journal of Microbiology</i> , 2017, 2017, 1-11.	0.9	14
31	Anaerobic and micro-aerobic 1,3-propanediol production by engineered <i>Escherichia coli</i> with <i>dha</i> genes from <i>Klebsiella pneumoniae</i> GLC29. <i>African Journal of Biotechnology</i> , 2017, 16, 1800-1809.	0.3	1
32	Microbial Glycosidases for Nondigestible Oligosaccharides Production. , 2017, , .		2
33	Experimental Design For 1,3-Propanediol Biosynthesis by <i>K. Pneumoniae</i> GLC29 Using Glycerol. <i>Journal of Applied Biotechnology & Bioengineering</i> , 2017, 4, .	0.0	1
34	Reutilization of Microbial Cells for Production of Cyclodextrin Glycosyltransferase Enzyme. <i>Research Journal of Microbiology</i> , 2017, 12, 229-235.	0.2	4
35	Agave syrup as a substrate for inulinase production by <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Acta Scientiarum - Biological Sciences</i> , 2016, 38, 283.	0.3	0
36	High D(+) lactic acid levels production by <i>Sporolactobacillus nakayamae</i> and an efficient purification. <i>Annals of Microbiology</i> , 2016, 66, 1367-1376.	1.1	9

#	ARTICLE	IF	CITATIONS
37	l-(+)-Lactic acid production by <i>Lactobacillus rhamnosus</i> B103 from dairy industry waste. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 640-646.	0.8	65
38	Sub-micrometric and nanometric solid phases obtained through reductive decomposition reaction of β -cyclodextrin / β -siklodekstrin indirgeyici bozunma reaksiyonu yoluyla elde edilen alt mikrometrik ve nanometrik katı fazlar. <i>Turkish Journal of Biochemistry</i> , 2015, 40, .	0.3	0
39	Rhamnolipids: solution against <i>Aedes aegypti</i> ?. <i>Frontiers in Microbiology</i> , 2015, 6, 88.	1.5	29
40	Rhamnolipids know-how: Looking for strategies for its industrial dissemination. <i>Biotechnology Advances</i> , 2015, 33, 1715-1726.	6.0	50
41	Production and productivity of 1,3-propanediol from glycerol by <i>Klebsiella pneumoniae</i> GLC29. <i>Catalysis Today</i> , 2015, 257, 259-266.	2.2	41
42	Yacon Flour and Corn Steep Liquor as Substrate for Inulinase and Biomass Production by <i>Kluyveromyces Marxianus</i> NRRL Y-7571. <i>Journal of Advances in Biotechnology</i> , 2015, 4, 414-423.	0.1	2
43	1,3-Propanediol: production, applications and biotechnological potential. <i>Quimica Nova</i> , 2014, 37, .	0.3	9
44	Transport of amino acids from milk whey by Caco-2 cell monolayer after hydrolytic action of gastrointestinal enzymes. <i>Food Research International</i> , 2014, 63, 62-70.	2.9	13
45	Rhamnolipids Production by a <i>Pseudomonas eruginosa</i> LBI Mutant: Solutions and Homologs Characterization. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 397-405.	0.5	10
46	Isolation and characterization of bacterial producers of optically pure D(-) and L(+) lactic acid. <i>African Journal of Microbiology Research</i> , 2013, 7, 2618-2628.	0.4	3
47	Rhamnolipids as biosurfactants from renewable resources: Concepts for next-generation rhamnolipid production. <i>Process Biochemistry</i> , 2012, 47, 1207-1219.	1.8	254
48	Structural characterization of a new dextran with a low degree of branching produced by <i>Leuconostoc mesenteroides</i> FT045B dextranucrase. <i>Carbohydrate Polymers</i> , 2012, 88, 1440-1444.	5.1	98
49	<i>Bacillus lehensis</i> an alkali-tolerant bacterium isolated from cassava starch wastewater: optimization of parameters for cyclodextrin glycosyltransferase production. <i>Annals of Microbiology</i> , 2012, 62, 329-337.	1.1	19
50	Dextran: effect of process parameters on production, purification and molecular weight and recent applications. <i>Diğer Logos & Cıncı</i> , 2012, 2012, 171-186.	0.1	19
51	Lactic acid production by new <i>Lactobacillus plantarum</i> LMISM6 grown in molasses: optimization of medium composition. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 27-36.	0.7	47
52	d(â)-Lactic Acid Production by <i>Leuconostoc mesenteroides</i> B512 Using Different Carbon and Nitrogen Sources. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1160-1171.	1.4	36
53	Rhamnolipid emulsifying activity and emulsion stability: pH rules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 301-305.	2.5	103
54	Rhamnolipids and PHAs: Recent reports on <i>Pseudomonas</i> -derived molecules of increasing industrial interest. <i>Process Biochemistry</i> , 2011, 46, 621-630.	1.8	100

#	ARTICLE	IF	CITATIONS
55	Structure and Applications of a Rhamnolipid Surfactant Produced in Soybean Oil Waste. Applied Biochemistry and Biotechnology, 2010, 160, 2066-2074.	1.4	116
56	Improvement of L(+)-lactic acid production from cassava wastewater by <i>Lactobacillus rhamnosus</i> B 103. Journal of the Science of Food and Agriculture, 2010, 90, n/a-n/a.	1.7	11
57	Structure, properties and applications of rhamnolipids produced by <i>Pseudomonas aeruginosa</i> L2-1 from cassava wastewater. Process Biochemistry, 2010, 45, 1511-1516.	1.8	129
58	Medium composition and optimization of Lactic acid production by <i>Lactobacillus plantarum</i> Lmism-6 grown in molasses. Journal of Biotechnology, 2010, 150, 511-511.	1.9	1
59	Effects of culture conditions on the production of inulinase by <i>Kluyveromyces marxianus</i> . Brazilian Archives of Biology and Technology, 2010, 53, 701-707.	0.5	11
60	L(+) Lactic Acid Production by New <i>Lactobacillus Rhamnosus</i> B 103. Journal of Microbial & Biochemical Technology, 2010, 02, 064-069.	0.2	13
61	Response surface optimization of D(-)-lactic acid production by <i>Lactobacillus</i> SMI8 using corn steep liquor and yeast autolysate as an alternative nitrogen source. African Journal of Biotechnology, 2009, 8, 5842-5846.	0.3	40
62	Investigation about the efficiency of the bioaugmentation technique when applied to diesel oil contaminated soils. Brazilian Archives of Biology and Technology, 2009, 52, 1297-1312.	0.5	10
63	Glycerol: A promising and abundant carbon source for industrial microbiology. Biotechnology Advances, 2009, 27, 30-39.	6.0	889
64	Cassava wastewater as a substrate for the simultaneous production of rhamnolipids and polyhydroxyalkanoates by <i>Pseudomonas aeruginosa</i> . Journal of Industrial Microbiology and Biotechnology, 2009, 36, 1063-1072.	1.4	72
65	Wettability of Aqueous Rhamnolipids Solutions Produced by <i>Pseudomonas aeruginosa</i> LBI. Journal of Surfactants and Detergents, 2009, 12, 125-130.	1.0	13
66	Surfactin reduces the adhesion of food-borne pathogenic bacteria to solid surfaces. Letters in Applied Microbiology, 2009, 49, 241-247.	1.0	78
67	Aerobic biodegradation of butanol and gasoline blends. Biomass and Bioenergy, 2009, 33, 1175-1181.	2.9	23
68	Cyclodextrin Glycosyltransferase Production by the <i>Bacillus</i> sp., Subgroup <i>alcalophilus</i> using a Central Composite Design. Research Journal of Microbiology, 2009, 4, 450-459.	0.2	9
69	Keratinolytic activity of <i>Streptomyces</i> sp isolated of poultry processing plant. , 2009, , .		0
70	Sucrose hydrolysis by gelatin-immobilized inulinase from <i>Kluyveromyces marxianus</i> var. <i>bulgaricus</i> . Food Chemistry, 2008, 111, 691-695.	4.2	34
71	Biosurfactant synthesis by <i>Pseudomonas aeruginosa</i> LBI isolated from a hydrocarbon-contaminated site. Journal of Applied Microbiology, 2008, 105, 1484-1490.	1.4	52
72	Effect of Conditioning on the Production of Inulinase by <i>Kluyveromyces marxianus</i> var. <i>bulgaricus</i> through Fed-Batch Fermentation. International Journal of Food Engineering, 2008, 4, .	0.7	0

#	ARTICLE	IF	CITATIONS
73	Cyclodextrin glycosyltransferase production by new <i>Bacillus</i> sp. strains isolated from brazilian soil. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 682-688.	0.8	11
74	Biodegradability of commercial and weathered diesel oils. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 133-142.	0.8	45
75	Produção de biotensioativos a partir de resíduos de óleos e gorduras. <i>Food Science and Technology</i> , 2008, 28, 34-38.	0.8	7
76	Use of weathered diesel oil as a low-cost raw material for biosurfactant production. <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 269-274.	0.7	13
77	Biodegradability of commercial and weathered diesel oils. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 133-42.	0.8	9
78	Cyclodextrin glycosyltransferase production by new <i>Bacillus</i> sp. strains isolated from brazilian soil. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 682-8.	0.8	4
79	Optimization of cyclodextrin glucanotransferase production from <i>Bacillus clausii</i> E16 in submerged fermentation using response surface methodology. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 27-40.	1.4	6
80	Optimization of Cyclodextrin Glucanotransferase Production From <i>Bacillus clausii</i> E16 in Submerged Fermentation Using Response Surface Methodology. , 2007, , 27-40.		0
81	Production of β -Galactosidase by <i>Trichoderma reesei</i> FTKO-39 in Wheat Bran: Partial Purification of Two Isozymes. <i>Applied Biochemistry and Biotechnology</i> , 2006, 133, 163-170.	1.4	4
82	Production of <i>Pseudomonas aeruginosa</i> LBI rhamnolipids following growth on Brazilian native oils. <i>Process Biochemistry</i> , 2006, 41, 483-488.	1.8	115
83	Oil Wastes as Unconventional Substrates for Rhamnolipid Biosurfactant Production by <i>Pseudomonas aeruginosa</i> LBI. <i>Biotechnology Progress</i> , 2005, 21, 1562-1566.	1.3	165
84	Rhamnolipid Surfactants: An Update on the General Aspects of These Remarkable Biomolecules. <i>Biotechnology Progress</i> , 2005, 21, 1593-1600.	1.3	249
85	Yacon (<i>Polymnia sanchifolia</i>) extract as a substrate to produce inulinase by <i>Kluyveromyces marxianus</i> var. <i>bulgaricus</i> . <i>Journal of Food Engineering</i> , 2005, 66, 301-305.	2.7	77
86	Microbial rennet produced by <i>Mucor miehei</i> in solid-state and submerged fermentation. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 931-937.	0.5	31
87	Isolation of natural inhibitors of papain obtained from <i>Carica papaya</i> latex. <i>Brazilian Archives of Biology and Technology</i> , 2004, 47, 747-754.	0.5	12
88	Production of CGTase by a <i>Bacillus</i> alkalophilic CGII strain isolated from wastewater of a manioc flour industry. <i>Brazilian Journal of Microbiology</i> , 2004, 35, 255-260.	0.8	14
89	Production and purification of an Endo-1,4-beta-Xylanase from <i>Humicola grisea</i> var. <i>thermoidea</i> by electroelution. <i>Brazilian Journal of Microbiology</i> , 2003, 34, 124.	0.8	7
90	Rhamnolipid production by <i>Pseudomonas aeruginosa</i> LBI growing on soapstock as the sole carbon source. <i>Journal of Food Engineering</i> , 2002, 54, 283-288.	2.7	200

#	ARTICLE	IF	CITATIONS
91	Effects of mutations in acetate metabolism on high-cell-density growth of <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2000, 24, 421-430.	1.4	79
92	Production, purification and characterization of an extracellular inulinase from <i>Kluyveromyces marxianus</i> var. <i>bulgaricus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2000, 25, 63-69.	1.4	86
93	Purification of papain from fresh latex of <i>Carica papaya</i> . <i>Brazilian Archives of Biology and Technology</i> , 2000, 43, 501-507.	0.5	37
94	Prospective Biodegradable Plastics from Biomass Conversion Processes. , 0, , .		22