

Prihardi Kahar

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7662889/prihardi-kahar-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,353
citations

27
h-index

46
g-index

77
ext. papers

2,684
ext. citations

6.1
avg, IF

4.96
L-index

#	Paper	IF	Citations
75	High yield production of polyhydroxyalkanoates from soybean oil by <i>Ralstonia eutropha</i> and its recombinant strain. <i>Polymer Degradation and Stability</i> , 2004 , 83, 79-86	4.7	212
74	Bioprocessing of bio-based chemicals produced from lignocellulosic feedstocks. <i>Current Opinion in Biotechnology</i> , 2016 , 42, 30-39	11.4	153
73	Genetic engineering to enhance the Ehrlich pathway and alter carbon flux for increased isobutanol production from glucose by <i>Saccharomyces cerevisiae</i> . <i>Journal of Biotechnology</i> , 2012 , 159, 32-7	3.7	131
72	Cocktail delta-integration: a novel method to construct cellulolytic enzyme expression ratio-optimized yeast strains. <i>Microbial Cell Factories</i> , 2010 , 9, 32	6.4	121
71	Enhancement of ϵ -polylysine production by <i>Streptomyces albulus</i> strain 410 using pH control. <i>Journal of Bioscience and Bioengineering</i> , 2001 , 91, 190-194	3.3	120
70	Direct ethanol production from cellulosic materials using a diploid strain of <i>Saccharomyces cerevisiae</i> with optimized cellulase expression. <i>Biotechnology for Biofuels</i> , 2011 , 4, 8	7.8	95
69	A simple and immediate method for simultaneously evaluating expression level and plasmid maintenance in yeast. <i>Journal of Biochemistry</i> , 2009 , 145, 701-8	3.1	81
68	Microbial conversion of biomass into bio-based polymers. <i>Bioresource Technology</i> , 2017 , 245, 1664-1673	11	76
67	Molecular weight characterization of poly[(R)-3-hydroxybutyrate] synthesized by genetically engineered strains of <i>Escherichia coli</i> . <i>Polymer Degradation and Stability</i> , 2006 , 91, 1138-1146	4.7	53
66	Purification and characterization of cis-aconitic acid decarboxylase from <i>Aspergillus terreus</i> TN484-M1. <i>Journal of Bioscience and Bioengineering</i> , 2002 , 94, 29-33	3.3	51
65	Effective production and kinetic characterization of ultra-high-molecular-weight poly[(R)-3-hydroxybutyrate] in recombinant <i>Escherichia coli</i> . <i>Polymer Degradation and Stability</i> , 2005 , 87, 161-169	4.7	51
64	Effect of inoculum size on single-cell oil production from glucose and xylose using oleaginous yeast <i>Lipomyces starkeyi</i> . <i>Journal of Bioscience and Bioengineering</i> , 2018 , 125, 695-702	3.3	48
63	Converting oils high in phospholipids to biodiesel using immobilized <i>Aspergillus oryzae</i> whole-cell biocatalysts expressing <i>Fusarium heterosporum</i> lipase. <i>Biochemical Engineering Journal</i> , 2016 , 105, 10-15	4.2	45
62	Organosolv pretreatment of sorghum bagasse using a low concentration of hydrophobic solvents such as 1-butanol or 1-pentanol. <i>Biotechnology for Biofuels</i> , 2016 , 9, 27	7.8	45
61	Development of an <i>Aspergillus oryzae</i> whole-cell biocatalyst coexpressing triglyceride and partial glyceride lipases for biodiesel production. <i>Bioresource Technology</i> , 2011 , 102, 6723-9	11	45
60	Production of biodiesel from plant oil hydrolysates using an <i>Aspergillus oryzae</i> whole-cell biocatalyst highly expressing <i>Candida antarctica</i> lipase B. <i>Bioresource Technology</i> , 2013 , 135, 410-6	11	44
59	Future insights in fungal metabolic engineering. <i>Bioresource Technology</i> , 2017 , 245, 1314-1326	11	43

58	Lipase cocktail for efficient conversion of oils containing phospholipids to biodiesel. <i>Bioresource Technology</i> , 2016 , 211, 224-30	11	41
57	Enhancement of epsilon-polylysine production by <i>Streptomyces albulus</i> strain 410 using pH control. <i>Journal of Bioscience and Bioengineering</i> , 2001 , 91, 190-4	3-3	39
56	Production of ϵ -polylysine in an airlift bioreactor (ABR). <i>Journal of Bioscience and Bioengineering</i> , 2002 , 93, 274-280	3-3	38
55	Cinnamic acid production using <i>Streptomyces lividans</i> expressing phenylalanine ammonia lyase. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011 , 38, 643-8	4-2	37
54	Simultaneous saccharification and fermentation of kraft pulp by recombinant <i>Escherichia coli</i> for phenyllactic acid production. <i>Biochemical Engineering Journal</i> , 2014 , 88, 188-194	4-2	36
53	Engineering of a novel cellulose-adherent cellulolytic <i>Saccharomyces cerevisiae</i> for cellulosic biofuel production. <i>Scientific Reports</i> , 2016 , 6, 24550	4-9	34
52	Immobilized lipases for biodiesel production: Current and future greening opportunities. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 134, 110355	16.2	30
51	Enhancement of yeast fermentation by addition of oxygen vectors in air-lift bioreactor. <i>Journal of Bioscience and Bioengineering</i> , 1997 , 84, 176-178		28
50	GH-10 and GH-11 Endo-1,4- β -xylanase enzymes from <i>Kitasatospora</i> sp. produce xylose and xylooligosaccharides from sugarcane bagasse with no xylose inhibition. <i>Bioresource Technology</i> , 2019 , 272, 315-325	11	28
49	Caffeic acid production by simultaneous saccharification and fermentation of kraft pulp using recombinant <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 5279-5290	5-7	27
48	Highly efficient biodiesel production by a whole-cell biocatalyst employing a system with high lipase expression in <i>Aspergillus oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1171-7	5-7	27
47	Bioenergy and Biorefinery: Feedstock, Biotechnological Conversion, and Products. <i>Biotechnology Journal</i> , 2019 , 14, e1800494	5.6	26
46	Mechanical milling and membrane separation for increased ethanol production during simultaneous saccharification and co-fermentation of rice straw by xylose-fermenting <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2015 , 185, 263-8	11	26
45	Effective usage of sorghum bagasse: Optimization of organosolv pretreatment using 25% 1-butanol and subsequent nanofiltration membrane separation. <i>Bioresource Technology</i> , 2018 , 252, 157-164	11	26
44	Phenyllactic acid production by simultaneous saccharification and fermentation of pretreated sorghum bagasse. <i>Bioresource Technology</i> , 2015 , 182, 169-178	11	24
43	Unusual change in molecular weight of polyhydroxyalkanoate (PHA) during cultivation of PHA-accumulating <i>Escherichia coli</i> . <i>Polymer Degradation and Stability</i> , 2010 , 95, 2250-2254	4-7	22
42	Enzymatic digestion of corncobs pretreated with low strength of sulfuric acid for bioethanol production. <i>Journal of Bioscience and Bioengineering</i> , 2010 , 110, 453-8	3-3	22
41	From mannan to bioethanol: cell surface co-display of β -mannanase and β -mannosidase on yeast <i>Saccharomyces cerevisiae</i> . <i>Biotechnology for Biofuels</i> , 2016 , 9, 188	7.8	22

40	Development and evaluation of consolidated bioprocessing yeast for ethanol production from ionic liquid-pretreated bagasse. <i>Bioresource Technology</i> , 2017 , 245, 1413-1420	11	21
39	Altered expression of polyhydroxyalkanoate synthase gene and its effect on poly[(R)-3-hydroxybutyrate] synthesis in recombinant <i>Escherichia coli</i> . <i>Polymer Degradation and Stability</i> , 2006 , 91, 1645-1650	4.7	21
38	Changes in Lignin and Polysaccharide Components in 13 Cultivars of Rice Straw following Dilute Acid Pretreatment as Studied by Solution-State 2D 1H-13C NMR. <i>PLoS ONE</i> , 2015 , 10, e0128417	3.7	21
37	Effect of soybean oil on oxygen transfer in the production of tetracycline with an airlift bioreactor. <i>Journal of Bioscience and Bioengineering</i> , 1999 , 87, 825-7	3.3	19
36	A Systematic Approach to Time-series Metabolite Profiling and RNA-seq Analysis of Chinese Hamster Ovary Cell Culture. <i>Scientific Reports</i> , 2017 , 7, 43518	4.9	18
35	Conversion of <i>Chlamydomonas</i> sp. JSC4 lipids to biodiesel using <i>Fusarium heterosporum</i> lipase-expressing <i>Aspergillus oryzae</i> whole-cell as biocatalyst. <i>Algal Research</i> , 2017 , 28, 16-23	5	18
34	Variation in biomass properties among rice diverse cultivars. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011 , 75, 1603-5	2.1	17
33	Enhancement of xylose uptake in 2-deoxyglucose tolerant mutant of <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2011 , 111, 557-63	3.3	16
32	Purification and characterization of cis-aconitic acid decarboxylase from <i>Aspergillus terreus</i> TN484-M1. <i>Journal of Bioscience and Bioengineering</i> , 2002 , 94, 29-33	3.3	16
31	Selection of oleaginous yeasts capable of high lipid accumulation during challenges from inhibitory chemical compounds. <i>Biochemical Engineering Journal</i> , 2018 , 137, 182-191	4.2	16
30	Glucose content in the liquid hydrolysate after dilute acid pretreatment is affected by the starch content in rice straw. <i>Bioresource Technology</i> , 2013 , 149, 520-4	11	15
29	Mannan endo-1,4- β -mannosidase from <i>Kitasatospora</i> sp. isolated in Indonesia and its potential for production of manno oligosaccharides from mannan polymers. <i>AMB Express</i> , 2017 , 7, 100	4.1	14
28	Production of epsilon-polylysine in an airlift bioreactor (ABR). <i>Journal of Bioscience and Bioengineering</i> , 2002 , 93, 274-80	3.3	14
27	5-Hydroxymethylfurfural production from salt-induced photoautotrophically cultivated <i>Chlorella sorokiniana</i> . <i>Biochemical Engineering Journal</i> , 2019 , 142, 117-123	4.2	14
26	Multiple effects of swelling by sodium bicarbonate after delignification on enzymatic saccharification of rice straw. <i>Journal of Bioscience and Bioengineering</i> , 2013 , 116, 725-33	3.3	13
25	Simultaneous conversion of free fatty acids and triglycerides to biodiesel by immobilized <i>Aspergillus oryzae</i> expressing <i>Fusarium heterosporum</i> lipase. <i>Biotechnology Journal</i> , 2017 , 12, 1600400	5.6	13
24	Development of a strictly regulated xylose-induced expression system in <i>Streptomyces</i> . <i>Microbial Cell Factories</i> , 2018 , 17, 151	6.4	12
23	Glutathione production from mannan-based bioresource by mannanase/mannosidase expressing <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2017 , 245, 1400-1406	11	11

22	High cell density cultivation of <i>Lipomyces starkeyi</i> for achieving highly efficient lipid production from sugar under low C/N ratio. <i>Biochemical Engineering Journal</i> , 2019 , 149, 107236	4.2	11
21	Production of chemicals and proteins using biomass-derived substrates from a <i>Streptomyces</i> host. <i>Bioresource Technology</i> , 2017 , 245, 1655-1663	11	11
20	Enhanced Phenylactic Acid Production in <i>Escherichia coli</i> Via Oxygen Limitation and Shikimate Pathway Gene Expression. <i>Biotechnology Journal</i> , 2019 , 14, e1800478	5.6	11
19	Challenges of non-flocculating <i>Saccharomyces cerevisiae</i> haploid strain against inhibitory chemical complex for ethanol production. <i>Bioresource Technology</i> , 2017 , 245, 1436-1446	11	10
18	Lipid production by <i>Lipomyces starkeyi</i> using sap squeezed from felled old oil palm trunks. <i>Journal of Bioscience and Bioengineering</i> , 2019 , 127, 726-731	3.3	10
17	Sucrose purification and repeated ethanol production from sugars remaining in sweet sorghum juice subjected to a membrane separation process. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 6007-6014	5.7	8
16	Repeated ethanol fermentation from membrane-concentrated sweet sorghum juice using the flocculating yeast <i>Saccharomyces cerevisiae</i> F118 strain. <i>Bioresource Technology</i> , 2018 , 265, 542-547	11	8
15	Xylanase and feruloyl esterase from actinomycetes cultures could enhance sugarcane bagasse hydrolysis in the production of fermentable sugars. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018 , 1-12	2.1	7
14	Ultrahigh Thermoresistant Lightweight Bioplastics Developed from Fermentation Products of Cellulosic Feedstock. <i>Advanced Sustainable Systems</i> , 2021 , 5, 2000193	5.9	7
13	High Enzymatic Recovery and Purification of Xylooligosaccharides from Empty Fruit Bunch via Nanofiltration. <i>Processes</i> , 2020 , 8, 619	2.9	6
12	A xylose-fermenting yeast hybridized by intergeneric fusion between <i>Saccharomyces cerevisiae</i> and <i>Candida</i> intermediamutants for ethanol production. <i>Sustainable Chemical Processes</i> , 2014 , 2,		6
11	Synergistic Effects of Pretreatment Process on Enzymatic Digestion of Rice Straw for Efficient Ethanol Fermentation 2013 ,		6
10	Efficient and Supplementary Enzyme Cocktail from Actinobacteria and Plant Biomass Induction. <i>Biotechnology Journal</i> , 2019 , 14, e1700744	5.6	3
9	Recent advances in lignocellulosic biomass white biotechnology for bioplastics. <i>Bioresource Technology</i> , 2022 , 344, 126165	11	3
8	An integrated biorefinery strategy for the utilization of palm-oil wastes. <i>Bioresource Technology</i> , 2022 , 344, 126266	11	3
7	Optimization of tylosin feeding rate profile in production of acetyl-isovaleryl tylosin (AIV) from tylosin by <i>Streptomyces thermotolerans</i> YN554. <i>Journal of Bioscience and Bioengineering</i> , 2001 , 91, 504-508	3.3	2
6	Concentration of Lipase from <i>Aspergillus oryzae</i> Expressing <i>Fusarium heterosporum</i> by Nanofiltration to Enhance Transesterification. <i>Processes</i> , 2020 , 8, 450	2.9	2
5	Kinetics of soybean oil consumption and cephamycin C production in culture of <i>Streptomyces</i> sp. using mineral support. <i>Journal of Bioscience and Bioengineering</i> , 1999 , 87, 390-3	3.3	1

4	Constitutive cell surface expression of ZZ domain for the easy preparation of yeast-based immunosorbents. <i>Journal of General and Applied Microbiology</i> , 2021 ,	1.5	1
3	Mathematical Model for Small Size Time Series Data of Bacterial Secondary Metabolic Pathways. <i>Bioinformatics and Biology Insights</i> , 2018 , 12, 1177932218775076	5.3	1
2	Manno-Oligosaccharide Production from Biomass Hydrolysis by Using Endo-1,4- β Mannanase (ManNj6-379) from <i>Nonomuraea jabiensis</i> ID06-379. <i>Processes</i> , 2022 , 10, 269	2.9	0
1	Enhanced production of β amino acid 3-amino-4-hydroxybenzoic acid by recombinant <i>Corynebacterium glutamicum</i> under oxygen limitation.. <i>Microbial Cell Factories</i> , 2021 , 20, 228	6.4	