

# Aradhana Srivastava

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

681  
citations

759233

12  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Xylose isomerase from polycentric fungus <i>Orpinomyces</i> : gene sequencing, cloning, and expression in <i>Saccharomyces cerevisiae</i> for bioconversion of xylose to ethanol. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 1067-1078.	3.6	154
2	Extractive lactic acid fermentation using ion-exchange resin. <i>Biotechnology and Bioengineering</i> , 1992, 39, 607-613.	3.3	103
3	Alcoholic fermentation of xylose and mixed sugars using recombinant <i>Saccharomyces cerevisiae</i> engineered for xylose utilization. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 1037-1047.	3.6	79
4	Bioconversion of lignocellulose-derived sugars to ethanol by engineered <i>Saccharomyces cerevisiae</i> . <i>Critical Reviews in Biotechnology</i> , 2012, 32, 22-48.	9.0	78
5	Secretory expression of interferon-alpha 2b in recombinant <i>Pichia pastoris</i> using three different secretion signals. <i>Protein Expression and Purification</i> , 2008, 60, 103-109.	1.3	48
6	Carbon dioxide sequestration and its enhanced utilization by photoautotroph microalgae. <i>Environmental Development</i> , 2018, 27, 95-106.	4.1	47
7	Photoautotrophic, mixotrophic, and heterotrophic culture media optimization for enhanced microalgae production. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104149.	6.7	43
8	L (+) lactic acid fermentation and its product polymerization. <i>Electronic Journal of Biotechnology</i> , 2004, 7, .	2.2	43
9	Computational fluid dynamic analysis of hydrodynamic shear stress generated by different impeller combinations in stirred bioreactor. <i>Biochemical Engineering Journal</i> , 2019, 151, 107312.	3.6	27
10	Modified conventional bioreactor for microalgae cultivation. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 224-230.	2.2	18
11	Illumination wavelengths effect on <i>Arthrospira platensis</i> production and its process applications in River Yamuna water treatment. <i>Journal of Water Process Engineering</i> , 2018, 23, 91-96.	5.6	14
12	Extractive bioconversion of lactic acid. <i>Advances in Biochemical Engineering/Biotechnology</i> , 1995, , 61-87.	1.1	12
13	Acclimatization of microalgae <i>Arthrospira platensis</i> for treatment of heavy metals in Yamuna River. <i>Water Science and Engineering</i> , 2020, 13, 214-222.	3.2	9
14	Chromium bioremediation from river Yamuna using cyanobacteria at white and red illumination wavelengths. <i>Journal of Water Process Engineering</i> , 2021, 44, 102416.	5.6	4
15	Isolation of adh mutant of <i>Lactobacillus rhamnosus</i> for production of L(+) Lactic acid. <i>Electronic Journal of Biotechnology</i> , 2004, 7, 0-0.	2.2	2
16	An Empirical Model on Extractive Lactic Acid Bioconversion. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 1999, 27, 403-410.	0.9	0