

# Chikkathur N Madhavarao

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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

7  
papers

38  
citations

3  
h-index

6  
g-index

7  
ext. papers

47  
ext. citations

3.7  
avg, IF

1.4  
L-index

#	Paper	IF	Citations
7	Zinc supplementation modulates intracellular metal uptake and oxidative stress defense mechanisms in CHO cell cultures. <i>Biochemical Engineering Journal</i> , <b>2021</b> , 169, 107928	4.2	2
6	Zinc supplementation improves the harvest purity of $\beta$ glucuronidase from CHO cell culture by suppressing apoptosis. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 1097-1108	5.7	8
5	Differential effects of bioreactor process variables and purification on the human recombinant lysosomal enzyme $\beta$ glucuronidase produced from Chinese hamster ovary cells. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 6081-6095	5.7	3
4	An ICP-MS platform for metal content assessment of cell culture media and evaluation of spikes in metal concentration on the quality of an IgG3: monoclonal antibody during production. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 162, 91-100	3.5	11
3	Direct quantification of protein glycan phosphorylation. <i>BioTechniques</i> , <b>2017</b> , 63, 117-123	2.5	3
2	An improved purification method for the lysosomal storage disease protein $\beta$ glucuronidase produced in CHO cells. <i>Protein Expression and Purification</i> , <b>2017</b> , 140, 28-35	2	2
1	Evaluation of butyrate-induced production of a mannose-6-phosphorylated therapeutic enzyme using parallel bioreactors. <i>Biotechnology and Applied Biochemistry</i> , <b>2014</b> , 61, 184-92	2.8	9