

# Zainab Bibi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

239  
citations

1307594

7  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single step immobilization of CMCCase within agarose gel matrix: Kinetics and thermodynamic studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111583.	5.0	11
2	Thermodynamics, kinetics and optimization of catalytic behavior of polyacrylamide-entrapped carboxymethyl cellulase (CMCase) for prospective industrial use. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2417-2427.	3.4	4
3	Stem Cell-Based Therapeutic Approaches to Restore Sensorineural Hearing Loss in Mammals. <i>Neural Plasticity</i> , 2020, 2020, 1-10.	2.2	6
4	Xylan deterioration approach: Purification and catalytic behavior optimization of a novel $\beta$ -1,4-d-xylanohydrolase from <i>Geobacillus stearothermophilus</i> KIBGE-IB29. <i>Biotechnology Reports</i> (Amsterdam, Netherlands), 2019, 21, e00299.	4.4	3
5	Purification and catalytic behavior optimization of lactose degrading $\beta$ -galactosidase from <i>Aspergillus nidulans</i> . <i>Journal of Food Science and Technology</i> , 2019, 56, 167-176.	2.8	7
6	Significance of metal ions, solvents and surfactants to improve the xylan degrading behavior of $\beta$ -1,4-D-xylanohydrolase from <i>Geobacillus stearothermophilus</i> KIBGE-IB29. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 242-246.	3.1	3
7	Production of $\beta$ -1,4-glucosidase from <i>Bacillus licheniformis</i> KIBGE-IB4 by utilizing sweet potato peel. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4058-4066.	5.3	11
8	Hyper Production of $\beta$ -Galactosidase From Newly Isolated Strain of <i>Aspergillus nidulans</i> . <i>Journal of Food Process Engineering</i> , 2017, 40, e12452.	2.9	7
9	Polyacrylamide Gel-Entrapped Maltase: An Excellent Design of Using Maltase in Continuous Industrial Processes. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 383-397.	2.9	7
10	Lactose hydrolysis approach: Isolation and production of $\beta$ -galactosidase from newly isolated <i>Bacillus</i> strain B-2. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 5, 99-103.	3.1	12
11	Calcium alginate matrix increases the stability and recycling capability of immobilized endo- $\beta$ -1,4-xylanase from <i>Geobacillus stearothermophilus</i> KIBGE-IB29. <i>Extremophiles</i> , 2015, 19, 819-827.	2.3	30
12	Agar-agar entrapment increases the stability of endo- $\beta$ -1,4-xylanase for repeated biodegradation of xylan. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 121-127.	7.5	53
13	Continuous degradation of maltose by enzyme entrapment technology using calcium alginate beads as a matrix. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 250-256.	1.3	31
14	Production of xylan degrading endo-1, 4- $\beta$ -xylanase from thermophilic <i>Geobacillus stearothermophilus</i> KIBGE-IB29. <i>Journal of Radiation Research and Applied Sciences</i> , 2014, 7, 478-485.	1.2	50
15	Enhanced production of maltase ( $\beta$ -glucosidase) from newly isolated strain of <i>Bacillus licheniformis</i> KIBGE-IB4. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 1437-42.	0.2	4