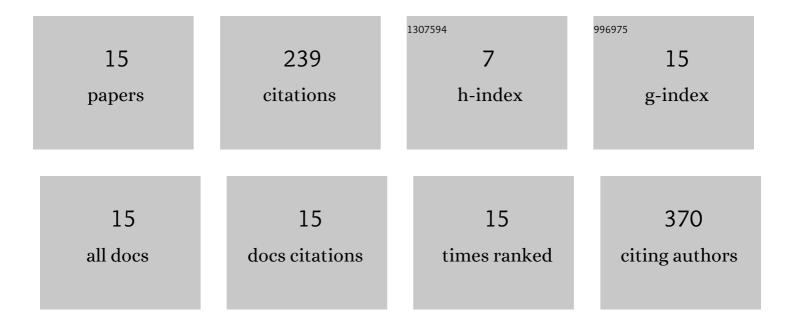
## Zainab Bibi

List of Publications by Year in descending order

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ZAINAR RIRI

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