

# Mohammad Fazle Alam

## List of Publications by Citations

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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.

8

papers

77

citations

5

h-index

8

g-index

8

ext. papers

93

ext. citations

3.6

avg, IF

2.51

L-index

| # | Paper  | IF  | Citations |
|---|--|-----|-----------|
| 8 | Immobilization of yeast alcohol dehydrogenase on polyaniline coated silver nanoparticles formed by green synthesis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2015</b> , 119, 78-84  |     | 27        |
| 7 | Immobilization of $\beta$ galactosidase on tannic acid stabilized silver nanoparticles: A safer way towards its industrial application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 226, 117637 | 4.4 | 19        |
| 6 | Kinetic and biophysical investigation of the inhibitory effect of caffeine on human salivary aldehyde dehydrogenase: Implications in oral health and chemotherapy. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1157, 61-68             | 3.4 | 10        |
| 5 | Spectral, molecular, in vivo cytotoxicity and immobilization of $\beta$ galactosidase on poly(o-toluidine)-titanium dioxide nanocomposite. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1137, 216-232                                   | 3.4 | 7         |
| 4 | In vivo cytotoxicity, molecular docking and study of yeast alcohol dehydrogenase on polycarbazole-titanium dioxide nanocomposite. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 134, 79-88                                  |     | 5         |
| 3 | Immobilization of GOx Enzyme on SiO-Coated Ni-Co Ferrite Nanocomposites as Magnetic Support and Their Antimicrobial and Photocatalytic Activities.. <i>ACS Omega</i> , <b>2021</b> , 6, 33554-33567  | 3.9 | 4         |
| 2 | Correlation between the Activity of Aldehyde Dehydrogenase and Oxidative Stress Markers in the Saliva of Diabetic Patients. <i>Protein and Peptide Letters</i> , <b>2019</b> , 27, 67-73   | 1.9 | 3         |
| 1 | One-pot synthesis of magnetite based polymeric-inorganic nanocomposite: Structural, morphological, spectroscopic and enzyme immobilization studies. <i>Colloids and Interface Science Communications</i> , <b>2021</b> , 40, 100337              | 5.4 | 2         |