

Babu A Manjasetty

List of Publications by Year in descending order

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34
papers

761
citations

623574
14
h-index

526166
27
g-index

35
all docs

35
docs citations

35
times ranked

1072
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | FlexED8: the first member of a fast and flexible sample-changer family for macromolecular crystallography. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 841-851. | 1.1 | 13 |
| 2 | Loop-to-helix transition in the structure of multidrug regulator AcrR at the entrance of the drug-binding cavity. <i>Journal of Structural Biology</i> , 2016, 194, 18-28. | 1.3 | 12 |
| 3 | Fluorescence-based thermal shift data on multidrug regulator AcrR from <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium str. LT2. <i>Data in Brief</i> , 2016, 7, 537-539. | 0.5 | 0 |
| 4 | Crystal Structure of Fad35R from <i>Mycobacterium tuberculosis</i> H37Rv in the Apo-State. <i>PLoS ONE</i> , 2015, 10, e0124333. | 1.1 | 5 |
| 5 | Preliminary crystallographic analysis of Xyn52B2, a GH52 β -xylosidase from <i>Geobacillus stearothermophilus</i> T6. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1675-1682. | 0.4 | 3 |
| 6 | Crystal Structure of Calcium Binding Protein-5 from <i>Entamoeba histolytica</i> and Its Involvement in Initiation of Phagocytosis of Human Erythrocytes. <i>PLoS Pathogens</i> , 2014, 10, e1004532. | 2.1 | 22 |
| 7 | Unique subunit packing in mycobacterial nanoRNase leads to alternate substrate recognitions in DHH phosphodiesterases. <i>Nucleic Acids Research</i> , 2014, 42, 7894-7910. | 6.5 | 25 |
| 8 | Cloning, purification and preliminary crystallographic analysis of Ara127N, a GH127 β -L-arabinofuranosidase from <i>Geobacillus stearothermophilus</i> T6. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1038-1045. | 0.4 | 5 |
| 9 | Crystal structure of <i>Clostridium acetobutylicum</i> aspartate kinase (CaAk): An important allosteric enzyme for amino acids production. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 3, 73-85. | 2.1 | 12 |
| 10 | Redefining the PF06864 Pfam Family Based on <i>Burkholderia pseudomallei</i> PilO2Bp S-SAD Crystal Structure. <i>PLoS ONE</i> , 2014, 9, e94981. | 1.1 | 4 |
| 11 | Structure-function relationships of two paralogous single-stranded DNA-binding proteins from <i>Streptomyces coelicolor</i> : implication of SsbB in chromosome segregation during sporulation. <i>Nucleic Acids Research</i> , 2013, 41, 3659-3672. | 6.5 | 17 |
| 12 | Structural and functional conservation profiles of novel cathepsin L-like proteins identified in the <i>Drosophila melanogaster</i> genome. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 1481-1489. | 2.0 | 1 |
| 13 | Structural basis for modification of flavonol and naphthol glucosylconjugates by <i>Nicotiana tabacum</i> malonyltransferase (NtMat1). <i>Planta</i> , 2012, 236, 781-793. | 1.6 | 23 |
| 14 | Analysis of Conformational Variation in Macromolecular Structural Models. <i>PLoS ONE</i> , 2012, 7, e39993. | 1.1 | 5 |
| 15 | Current methods in structural proteomics and its applications in biological sciences. <i>3 Biotech</i> , 2012, 2, 89-113. | 1.1 | 23 |
| 16 | Preliminary crystallography confirms that the archaeal DNA-binding and tryptophan-sensing regulator TrpY is a dimer. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1493-1495. | 0.7 | 1 |
| 17 | The impact of Structural Proteomics on Biotechnology. <i>Biotechnology and Genetic Engineering Reviews</i> , 2009, 26, 353-370. | 2.4 | 4 |
| 18 | Automated technologies and novel techniques to accelerate protein crystallography for structural genomics. <i>Proteomics</i> , 2008, 8, 612-625. | 1.3 | 70 |

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|----|---|-----|-----------|
| 19 | A High-Throughput Approach To Protein Structure Analysis. , 2007, 28, 105-128. | | 9 |
| 20 | Crystal Structure of Escherichia coli L-Arabinose Isomerase (ECAI), The Putative Target of Biological Tagatose Production. Journal of Molecular Biology, 2006, 360, 297-309. | 2.0 | 72 |
| 21 | Crystal structure of Homo sapiens PTD012 reveals a zinc-containing hydrolase fold. Protein Science, 2006, 15, 914-920. | 3.1 | 7 |
| 22 | Metalloproteomics: High-Throughput Structural and Functional Annotation of Proteins in Structural Genomics. Structure, 2005, 13, 1473-1486. | 1.6 | 76 |
| 23 | The ybeY protein from Escherichia coli is a metalloprotein. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 959-963. | 0.7 | 38 |
| 24 | X-ray structure of engineered human Aortic Preferentially Expressed Protein-1 (APEG-1). BMC Structural Biology, 2005, 5, 21. | 2.3 | 8 |
| 25 | X-ray structure of human gankyrin, the product of a gene linked to hepatocellular carcinoma. Proteins: Structure, Function and Bioinformatics, 2004, 55, 214-217. | 1.5 | 24 |
| 26 | Crystal structure of Homo sapiens protein hp14.5. Proteins: Structure, Function and Bioinformatics, 2004, 54, 797-800. | 1.5 | 42 |
| 27 | Structure of circularly permuted DsbAQ100T99: preserved global fold and local structural adjustments. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 304-309. | 2.5 | 6 |
| 28 | X-ray structure of fumarylacetoacetate hydrolase family member Homo sapiens FLJ36880. Biological Chemistry, 2004, 385, 935-942. | 1.2 | 25 |
| 29 | Secure web book to store structural genomics research data. Journal of Structural and Functional Genomics, 2003, 4, 121-127. | 1.2 | 1 |
| 30 | Crystal structure of a bifunctional aldolase-dehydrogenase: Sequestering a reactive and volatile intermediate. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6992-6997. | 3.3 | 95 |
| 31 | Crystallization and preliminary X-ray analysis of dmpFG-encoded 4-hydroxy-2-ketovalerate aldolase-aldehyde dehydrogenase (acylating) from Pseudomonas Asp. strain CF600. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 582-585. | 2.5 | 6 |
| 32 | Crystal structures of recombinant histones HMfA and HMfB from the hyperthermophilic archaeon Methanothermus fervidus. Journal of Molecular Biology, 2000, 303, 35-47. | 2.0 | 105 |
| 33 | Extended Conformation of Putrescine Occurring on a Center of Symmetry in its 1:2 Complex with Malonic Acid. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 365-367. | 0.4 | 2 |
| 34 | THE IMPACT OF STRUCTURAL PROTEOMICS ON BIOTECHNOLOGY. , 0, , 353-370. | | 0 |