

Venkata G Poosarla

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

312
citations

1162367

8
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

498
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Glycoside hydrolase DisH from <i>Desulfovibrio vulgaris</i> degrades the N-acetylgalactosamine component of diverse biofilms. <i>Environmental Microbiology</i> , 2018, 20, 2026-2037. | 1.8 | 15 |
| 2 | Computational de novo design of antibodies binding to a peptide with high affinity. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1331-1342. | 1.7 | 25 |
| 3 | Electricity from methane by reversing methanogenesis. <i>Nature Communications</i> , 2017, 8, 15419. | 5.8 | 127 |
| 4 | Dispersal and inhibitory roles of mannose, 2-deoxy-D-glucose and N-acetylgalactosaminidase on the biofilm of <i>Desulfovibrio vulgaris</i> . <i>Environmental Microbiology Reports</i> , 2017, 9, 779-787. | 1.0 | 14 |
| 5 | Metabolic engineering of <i>Methanosarcina acetivorans</i> for lactate production from methane. <i>Biotechnology and Bioengineering</i> , 2017, 114, 852-861. | 1.7 | 39 |
| 6 | In vitro synthesis of cellulose microfibrils by a membrane protein from protoplasts of the non-vascular plant <i>Physcomitrella patens</i> . <i>Biochemical Journal</i> , 2015, 470, 195-205. | 1.7 | 13 |
| 7 | Purification and Characterization of Novel Halo-Acid-Alkali-Thermo-stable Xylanase from <i>Gracilibacillus</i> sp. TSCPVC. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1375-1390. | 1.4 | 17 |
| 8 | Production of novel halo-alkali-thermo-stable xylanase by a newly isolated moderately halophilic and alkali-tolerant <i>Gracilibacillus</i> sp. TSCPVC. <i>Process Biochemistry</i> , 2010, 45, 1730-1737. | 1.8 | 62 |