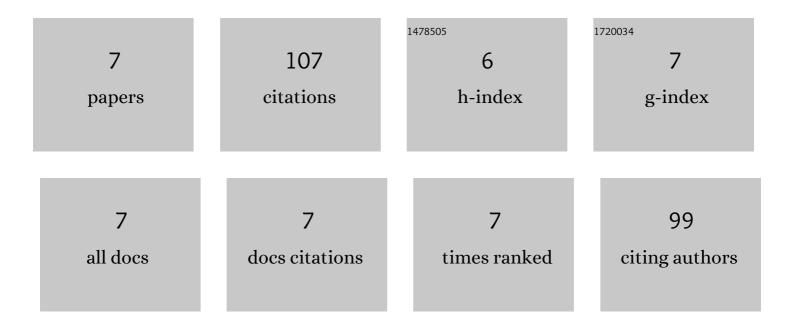
Sumitha Banu Jamaldheen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Fermentation and pyrolysis of Finger millet straw: Significance of hydrolysate composition for ethanol production and characterization of bio-oil. Bioresource Technology Reports, 2021, 13, 100630.	2.7	6
2	Molecular Characterization, Regioselective and Synergistic Action of First Recombinant Type III α-L-arabinofuranosidase of Family 43 Glycoside Hydrolase (PsGH43_12) from Pseudopedobacter saltans. Molecular Biotechnology, 2020, 62, 443-455.	2.4	11
3	Assessment of combination of pretreatment of <i>Sorghum durra </i> stalk and production of chimeric enzyme (β-glucosidase and endo β-1,4 glucanase, <i>Ct</i> GH1-L1- <i>Ct</i> GH5-F194A) and cellobiohydrolase (<i>Ct</i> CBH5A) for saccharification to produce bioethanol. Preparative Biochemistry and Biotechnology. 2020. 50. 883-896.	1.9	6
4	Statistically designed cellulase mixture for saccharification of pretreated Sorghum durra stalk. Industrial Crops and Products, 2020, 154, 112678.	5.2	6
5	Enzymatic hydrolysis of hemicellulose from pretreated Finger millet (Eleusine coracana) straw by recombinant endo-1,4-β-xylanase and exo-1,4-β-xylosidase. International Journal of Biological Macromolecules, 2019, 135, 1098-1106.	7.5	29
6	Development of bi-functional chimeric enzyme (CtGH1-L1-CtGH5-F194A) from endoglucanase (CtGH5) mutant F194A and β-1,4-glucosidase (CtGH1) from Clostridium thermocellum with enhanced activity and structural integrity. Bioresource Technology, 2019, 282, 494-501.	9.6	25
7	Comparative analysis of pretreatment methods on sorghum (<i>Sorghum durra</i>) stalk agrowaste for holocellulose content. Preparative Biochemistry and Biotechnology, 2018, 48, 457-464.	1.9	24