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Research Publications:

TITLE	YEAR	JOURNAL	Impact Factor
Expression of Calotropis Procera expansin gene CpEXPA3 enhances cotton fibre strength.	2013	Australian journal of crop science	1.600
Nanotechnology: A new frontier in agriculture	2014	Advancement in life sciences	0.00
Genetic effects of Calotropis procera CpTIP1 gene on fiber quality in cotton(Gossypium hirsutum)	2014	Advancement in life sciences	0.00
Defence strategies of cotton against whitefly transmitted CLCuV and Begomoviruses	2015	Advancement in life sciences	0.00
Herbicide-resistant cotton (Gossypium hirsutum plant: an alternative way of manual weed removal)	2015	BMC research notes	0.00
Transformation and evaluation of Cry1Ac +Cry2A and GTGene in Gossypium hirsutum L	2015	Frontier of plant science	4.402
E.coli expression of NDV fusion protein gene and determination of its antigenic epitopes.	2015	Biologia	0.811
Analysis of Genetically modified BT and cp4EPSPS cotton cultivars for transformation efficiency, acclimatization, expression and toxic levels to insects.	2016	Plant breeding	

A concise review of poultry vaccination and future implementation of plant-based vaccines poultry science	2017	World poultry science	1.802
Management of Biotic Stress in Cotton	2017	ICAC Recorder	0.0
Sucrose synthase gene, a way forward for cotton fiber improvement	2018	Biologia	0.811
Trackable CEMB-Klean Cotton Transgenic Technology: Affordable Climate Neutral Agri-biotech Industrialization for Developing Countries	2019	Adv Life Sci	0.0
Role of Oral vaccine as an edible tool to prevent infectious diseases	2019	Acta Virologica	0.793
A Combinational approach of enhanced methanol production and double Bt genes for broad spectrum insect resistance in transgenic cotton	2019	Molecular Biotechnology	2.022
Cotton Fibre Quality Management for Sustainable Textile Industry	2019	ICAC Recorder	0.0
Structure-Based Prediction of Protein-Protein Interactions between GhWlim5 Domain1 and GhACTIN-1 Proteins: A practical evidence with improved fiber strength	2020	Journal of Plant Biochemistry and Biotechnology	0.773
Overexpression of a sucrose synthase gene Indirectly improves cotton fiber quality through sucrose cleavage	2020	Frontiers in Plant Sciences	4.402
Early Stage development of New Castle Disease Vaccine candidate in corn	2020	Frontiers in Veterinary Sciences	2.245
Constitutive expression of Asparaginase in <i>G. hirsutum</i> triggers insecticidal activity against <i>B. tabaci</i>	2020	Nature Scientific Reports	3.998
Transformation and evaluation of Broad-Spectrum insect and weedicide resistant genes in <i>Gossypium arboreum</i> (Desi Cotton)	2021	GM Crop & Food	3.44
Development of broad-spectrum and sustainable resistance in cotton against major insects through the combination of Bt and plant lectin genes	2021	Plant Cell Reports	3.82
Enhancing the resilience of transgenic cotton for insect resistance	2021	Molecular biology reports	2.316
In Silico Prediction and Evaluation of E. coli Expressed Recombinant HA Protein of Avian Influenza Virus	2021	Pakistan journal of zology	0.831
Novel approaches to circumvent the devastating effects of pests on sugarcane	2021	Nature Scientific Reports	3.998

GM Technology and Fiber Traits	2021	Cotton Precision Breeding	
Enhanced expression of plasma membrane intrinsic protein 2 improves cotton fiber length in <i>Gossypium arboreum</i>	2022	Molecular biology reports	2.316