Anwar Shahzad

List of Publications by Citations

36 papers	514 citations	14 h-index	22 g-index
36 ext. papers	598 ext. citations	3 avg, IF	4.21 L-index

#	Paper	IF	Citations
36	Synseed technology-a complete synthesis. *Biotechnology Advances*, **2013**, 31, 186-207	17.8	109
35	In vitro propagation of a multipurpose leguminous tree (Pterocarpus marsupium Roxb.) using nodal explants. *Acta Physiologiae Plantarum*, **2008**, 30, 353-359	2.6	42
34	Encapsulation technology for short-term storage and conservation of a woody climber, Decalepis hamiltonii Wight and Arn.. *Plant Cell, Tissue and Organ Culture*, **2012**, 111, 191-198	2.7	41
33	In vitro plant regeneration system for Cassia siamea Lam., a leguminous tree of economic importance. *Agroforestry Systems*, **2010**, 80, 109-116	2	31
32	TDZ-induced high frequency shoot regeneration in Cassia sophera Linn. via cotyledonary node explants. *Physiology and Molecular Biology of Plants*, **2010**, 16, 201-6	2.8	30
31	A micropropagation protocol for Cassia angustifolia Vahl. from root explants. *Acta Physiologiae Plantarum*, **2011**, 33, 789-796	2.6	26
30	Encapsulation of nodal segments of Cassia angustifolia Vahl. for short-term storage and germplasm exchange. *Acta Physiologiae Plantarum*, **2014**, 36, 635-640	2.6	24
29	High-frequency clonal propagation, encapsulation of nodal segments for short-term storage and germplasm exchange of Ficus carica L.. *Trees - Structure and Function*, **2015**, 29, 345-353	2.6	20
28	Nutrient encapsulation of nodal segments of an endangered white cedar for studies of regrowth, short term conservation and ethylene inhibitors influenced ex vitro rooting. *Industrial Crops and Products*, **2015**, 69, 204-211	5.9	17
27	Development of a regeneration system via nodal segment culture in Veronica anagallis-aquatica L. an amphibious medicinal plant. *Journal of Plant Interactions*, **2011**, 6, 61-68	3.8	17
26	In vitro propagation and synseed production of scarlet salvia (Salvia splendens). *Rendiconti Lincei*, **2014**, 25, 359-368	1.7	15
25	In vitro propagation and the acclimatization effect on the synthesis of 2-hydroxy-4-methoxy benzaldehyde in Decalepis hamiltonii Wight and Arn.. *Acta Physiologiae Plantarum*, **2014**, 36, 2331-2344	2.6	15
24	High frequency in vitro regeneration system for conservation of Coleus forskohlii: a threatened medicinal herb. *Acta Physiologiae Plantarum*, **2013**, 35, 473-481	2.6	15
23	Ex vitro rescue, physiochemical evaluation, secondary metabolite production and assessment of genetic stability using DNA based molecular markers in regenerated plants of Decalepis salicifolia (Bedd. ex Hook.f.) Venter. *Plant Cell, Tissue and Organ Culture*, **2018**, 132, 497-510	2.7	14
22	High frequency conversion of non-embryogenic synseeds and assessment of genetic stability through ISSR markers in Gymnema sylvestre. *Plant Cell, Tissue and Organ Culture*, **2018**, 134, 163-168	2.7	13
21	Somatic embryogenesis and plant regeneration in Pterocarpus marsupium Roxb.. *Trees - Structure and Function*, **2010**, 24, 781-787	2.6	13
20	Chitosan versus yeast extract driven elicitation for enhanced production of fragrant compound 2-hydroxy-4-methoxybenzaldehyde (2H4MB) in root tuber derived callus of Decalepis salicifolia (Bedd. ex Hook.f.) Venter. *Plant Cell, Tissue and Organ Culture*, **2019**, 136, 29-40	2.7	11

19	High incidence regeneration system in Ceratonia siliqua L. articulated with SEM and biochemical analysis during developmental stages. *Trees - Structure and Function*, **2017**, 31, 1149-1163	2.6	9
18	In vitro propagation and assessment of genetic uniformity along with chemical characterization in Hildegardia populifolia (Roxb.) Schott & Endl.: a critically endangered medicinal tree. *In Vitro Cellular and Developmental Biology - Plant*, **2020**, 56, 803-816	2.3	7
17	Morphology and ontogeny of directly differentiating shoot buds and somatic embryos in Santalum album L.. *Journal of Forestry Research*, **2019**, 30, 1179-1189	2	7
16	Studies on single and double layered biocompatible encapsulation of somatic embryos in Albizia lebbeck and genetic homogeneity appraisal among synseed derived lines through ISSR markers. *Plant Cell, Tissue and Organ Culture*, **2020**, 140, 431-445	2.7	7
15	Plant Tissue Culture: Applications in Plant Improvement and Conservation **2017**, 37-72		6
14	An improved protocol for micropropagation of teak tree (Tectona grandis L.). *Rendiconti Lincei*, **2012**, 23, 195-202	1.7	6
13	Alginate encapsulation in Glycyrrhiza glabra L. with phyto-chemical profiling of root extracts of in vitro converted plants using GC-MS analysis. *Asian Pacific Journal of Tropical Biomedicine*, **2017**, 7, 855-861	1.4	5
12	Historical Perspective and Basic Principles of Plant Tissue Culture **2017**, 1-36		4
11	Enhanced shoot organogenesis in Cassia angustifolia Vahl. – a difficult-to-root drought resistant medicinal shrub. *Journal of Plant Biochemistry and Biotechnology*, **2012**, 21, 213-219	1.6	4
10	In Vitro Clonal Propogation of Coleus forskohlii via Direct Shoot Organogenesis from Selected Leaf Explants. *Journal of Plant Biochemistry and Biotechnology*, **2010**, 19, 223-228	1.6	2
9	Thidiazuron Influenced Morphogenesis in Some Medicinal Plants **2018**, 231-246		1
8	In Vitro Conservation Protocols for Some Commercially Important Medicinal Plants **2013**, 323-347		1
7	Cash Crops: Synseed Production, Propagation, and Conservation **2019**, 217-231		1
6	High Frequency Direct Organogenesis, Genetic Homogeneity, Chemical Characterization and Leaf Ultra-Structural Study of Regenerants in Diplocyclos palmatus (L.) C. Jeffrey. *Agronomy*, **2021**, 11, 2164	3.6	1
5	Organogenesis, direct somatic embryogenesis, and shoot proliferation of Rheum spiciforme Royle: an endemic and vulnerable medicinal herb from Indian Trans Himalayas. *In Vitro Cellular and Developmental Biology - Plant*,1	2.3	0
4	Advancement in Encapsulation Techniques for Conservation of Climbers **2016**, 293-308		
3	Genotype-dependent responses during in vitro seed germination and establishment of Balanites aegyptiaca (L.) Del. – an endangered agroforestry species. *Forest Science and Technology*, **2014**, 10, 130-135	1.5	
2	Purification of Lectin from Micropropagated Roots Derived from Aseptic Seedling of Canavalia ensiformis L.. *International Journal of Peptide Research and Therapeutics*, **2011**, 17, 317-324	2.1	

1	Genus Decalepis: Biology, Importance and Biotechnological Interventions. *Agronomy*, **2022**, 12, 855	3.6