

# Anwar Shahzad

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Genus Decalepis: Biology, Importance and Biotechnological Interventions. <i>Agronomy</i> , <b>2022</b> , 12, 855	3.6	
35	High Frequency Direct Organogenesis, Genetic Homogeneity, Chemical Characterization and Leaf Ultra-Structural Study of Regenerants in <i>Diplocyclos palmatus</i> (L.) C. Jeffrey. <i>Agronomy</i> , <b>2021</b> , 11, 2164	3.6	1
34	In vitro propagation and assessment of genetic uniformity along with chemical characterization in <i>Hildegardia populifolia</i> (Roxb.) Schott & Endl.: a critically endangered medicinal tree. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2020</b> , 56, 803-816	2.3	7
33	Studies on single and double layered biocompatible encapsulation of somatic embryos in <i>Albizia lebbeck</i> and genetic homogeneity appraisal among synseed derived lines through ISSR markers. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2020</b> , 140, 431-445	2.7	7
32	Morphology and ontogeny of directly differentiating shoot buds and somatic embryos in <i>Santalum album</i> L.. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 1179-1189	2	7
31	Cash Crops: Synseed Production, Propagation, and Conservation <b>2019</b> , 217-231		1
30	Chitosan versus yeast extract driven elicitation for enhanced production of fragrant compound 2-hydroxy-4-methoxybenzaldehyde (2H4MB) in root tuber derived callus of <i>Decalepis salicifolia</i> (Bedd. ex Hook.f.) Venter. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 136, 29-40	2.7	11
29	Thidiazuron Influenced Morphogenesis in Some Medicinal Plants <b>2018</b> , 231-246		1
28	High frequency conversion of non-embryogenic synseeds and assessment of genetic stability through ISSR markers in <i>Gymnema sylvestre</i> . <i>Plant Cell, Tissue and Organ Culture</i> , <b>2018</b> , 134, 163-168	2.7	13
27	Ex vitro rescue, physiochemical evaluation, secondary metabolite production and assessment of genetic stability using DNA based molecular markers in regenerated plants of <i>Decalepis salicifolia</i> (Bedd. ex Hook.f.) Venter. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2018</b> , 132, 497-510	2.7	14
26	Historical Perspective and Basic Principles of Plant Tissue Culture <b>2017</b> , 1-36		4
25	Plant Tissue Culture: Applications in Plant Improvement and Conservation <b>2017</b> , 37-72		6
24	High incidence regeneration system in <i>Ceratonia siliqua</i> L. articulated with SEM and biochemical analysis during developmental stages. <i>Trees - Structure and Function</i> , <b>2017</b> , 31, 1149-1163	2.6	9
23	Alginate encapsulation in <i>Glycyrrhiza glabra</i> L. with phyto-chemical profiling of root extracts of in vitro converted plants using GC-MS analysis. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2017</b> , 7, 855-861	1.4	5
22	Advancement in Encapsulation Techniques for Conservation of Climbers <b>2016</b> , 293-308		
21	Nutrient encapsulation of nodal segments of an endangered white cedar for studies of regrowth, short term conservation and ethylene inhibitors influenced ex vitro rooting. <i>Industrial Crops and Products</i> , <b>2015</b> , 69, 204-211	5.9	17
20	High-frequency clonal propagation, encapsulation of nodal segments for short-term storage and germplasm exchange of <i>Ficus carica</i> L.. <i>Trees - Structure and Function</i> , <b>2015</b> , 29, 345-353	2.6	20

19	Encapsulation of nodal segments of <i>Cassia angustifolia</i> Vahl. for short-term storage and germplasm exchange. <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 635-640	2.6	24
18	In vitro propagation and synseed production of scarlet salvia ( <i>Salvia splendens</i> ). <i>Rendiconti Lincei</i> , <b>2014</b> , 25, 359-368	1.7	15
17	In vitro propagation and the acclimatization effect on the synthesis of 2-hydroxy-4-methoxy benzaldehyde in <i>Decalepis hamiltonii</i> Wight and Arn.. <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 2331-2344	2.6	15
16	Genotype-dependent responses during in vitro seed germination and establishment of <i>Balanites aegyptiaca</i> (L.) Del. An endangered agroforestry species. <i>Forest Science and Technology</i> , <b>2014</b> , 10, 130-135	1.5	5
15	High frequency in vitro regeneration system for conservation of <i>Coleus forskohlii</i> : a threatened medicinal herb. <i>Acta Physiologiae Plantarum</i> , <b>2013</b> , 35, 473-481	2.6	15
14	Synseed technology-a complete synthesis. <i>Biotechnology Advances</i> , <b>2013</b> , 31, 186-207	17.8	109
13	In Vitro Conservation Protocols for Some Commercially Important Medicinal Plants <b>2013</b> , 323-347		1
12	Encapsulation technology for short-term storage and conservation of a woody climber, <i>Decalepis hamiltonii</i> Wight and Arn.. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2012</b> , 111, 191-198	2.7	41
11	Enhanced shoot organogenesis in <i>Cassia angustifolia</i> Vahl. A difficult-to-root drought resistant medicinal shrub. <i>Journal of Plant Biochemistry and Biotechnology</i> , <b>2012</b> , 21, 213-219	1.6	4
10	An improved protocol for micropropagation of teak tree ( <i>Tectona grandis</i> L.). <i>Rendiconti Lincei</i> , <b>2012</b> , 23, 195-202	1.7	6
9	Purification of Lectin from Micropropagated Roots Derived from Aseptic Seedling of <i>Canavalia ensiformis</i> L.. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2011</b> , 17, 317-324	2.1	
8	A micropropagation protocol for <i>Cassia angustifolia</i> Vahl. from root explants. <i>Acta Physiologiae Plantarum</i> , <b>2011</b> , 33, 789-796	2.6	26
7	Development of a regeneration system via nodal segment culture in <i>Veronica anagallis-aquatica</i> L. An amphibious medicinal plant. <i>Journal of Plant Interactions</i> , <b>2011</b> , 6, 61-68	3.8	17
6	In Vitro Clonal Propagation of <i>Coleus forskohlii</i> via Direct Shoot Organogenesis from Selected Leaf Explants. <i>Journal of Plant Biochemistry and Biotechnology</i> , <b>2010</b> , 19, 223-228	1.6	2
5	In vitro plant regeneration system for <i>Cassia siamea</i> Lam., a leguminous tree of economic importance. <i>Agroforestry Systems</i> , <b>2010</b> , 80, 109-116	2	31
4	Somatic embryogenesis and plant regeneration in <i>Pterocarpus marsupium</i> Roxb.. <i>Trees - Structure and Function</i> , <b>2010</b> , 24, 781-787	2.6	13
3	TDZ-induced high frequency shoot regeneration in <i>Cassia sophera</i> Linn. via cotyledonary node explants. <i>Physiology and Molecular Biology of Plants</i> , <b>2010</b> , 16, 201-6	2.8	30
2	In vitro propagation of a multipurpose leguminous tree ( <i>Pterocarpus marsupium</i> Roxb.) using nodal explants. <i>Acta Physiologiae Plantarum</i> , <b>2008</b> , 30, 353-359	2.6	42

- 1 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