

## LIST OF PUBLICATIONS

1. Faisal M, **Siddique I** & Anis M (**2006**) *In vitro* rapid regeneration of plantlets from nodal explants of *Mucuna pruriens* L. a valuable medicinal plant. **Annals of Applied Biology** 148: 1-6 (**Impact factor: 1.752**)
2. Faisal M, **Siddique I** & Anis M (**2006**) An efficient plant regeneration system of *Mucuna pruriens* (L.) DC. using cotyledonary node explants. **In Vitro Cellular & Developmental Biology of Plants** 42: 59 -64 (**Impact factor: 1.02**)
3. Ahmad N, **Siddique I** & Anis M (**2006**) Improved plant regeneration in *Capsicum annuum* L. from nodal segments. **Biologia Plantarum** 50: 701-704 (**Impact factor: 1.582**)
4. Khan H, **Siddique I** & Anis M (**2006**) Thidiazuron induced somatic embryogenesis and plant regeneration in *Capsicum annuum* L. **Biologia Plantarum** 50: 789 – 792 (**Impact factor: 1.582**)
5. **Siddique I**, Anis M & Jahan A A (**2006**) Rapid multiplication of *Nyctanthes arbor-tristis* L. through *in vitro* axillary shoot proliferation. **World Journal of Agricultural Sciences** 2: 188-192
6. **Siddique I** & Anis M (**2006**) Thidiazuron induced high frequency shoot bud formation and plant regeneration from cotyledonary node explants in *Capsicum annuum*. **Indian Journal of Biotechnology** 5: 303-308
7. **Siddique I** & Anis M (**2007**) *In vitro* shoot multiplication and plantlet regeneration from nodal explants of *Cassia angustifolia* (Vahl.) - a medicinal plant. **Acta Physiologiae Plantarum** 29: 333 -338 (**Impact factor: 1.344**)
8. **Siddique I** & Anis M (**2007**) Rapid micropropagation of *Ocimum basilicum* L. using shoot tip explants pre- cultured in thidiazuron supplemented liquid medium. **Biologia Plantarum** 51:787-790 (**Impact factor: 1.582**)
9. **Siddique I** & Anis M (**2007**) High frequency multiple shoot regeneration and plantlet formation in *Cassia angustifolia* (Vahl.) using thidiazuron. **Medicinal and Aromatic Plant Science and Biotechnology** 1: 282-284
10. **Siddique I** & Anis M (**2008**) An improved plant regeneration system and *ex vitro* acclimatization of *Ocimum basilicum* L. **Acta Physiologiae Plantarum** 30: 493-499 (**Impact factor: 1.344**)

11. **Siddique I & Anis M (2009)** Direct plant regeneration from nodal explants of *Balanites aegyptiaca* L (Del.) - a valuable medicinal tree. **New Forests** 37: 53-62 **(Impact factor: 0.915)**
12. **Siddique I and Anis M (2009)** Morphogenic response of the alginate encapsulated nodal segment and antioxidative enzymes analysis during acclimatization of *Ocimum basilicum* L. **Journal of Crop Science and Biotechnology** 12: 233-238
13. Khan Z, Anis M and **Siddique I (2009)** *In vitro* regeneration of plantlets of *Solanum melongena* L. using cotyledonary node explants. *J. Ind. Bot. Soc.* 88: 141-145.
14. Anis M, Varshney A & **Siddique I (2010)** *In vitro* clonal propagation of *Balanites aegyptiaca* L. (Del.). **Agroforestry Systems** 78: 151-158 **(Impact Factor =1.183)**
15. **Siddique I and Anis M (2010)** *In vitro* adventitious shoot regeneration via indirect organogenesis from petiole explants of *Cassia angustifolia* Vahl.- a potential medicinal plant. **Applied Biochemistry and Biotechnology** 162: 2067-2074 **(Impact Factor = 1.879)**
16. Khan H, **Siddique I & Anis M (2011)** *In vitro* organogenesis and plant regeneration from stem derived callus of *Capsicum annuum* L. **Journal of Plant Biochemistry and Biotechnology** 20:84-89 **(Impact Factor =0.412)**
17. Perveen K, Bokhari NA, **Siddique I**, Siddiqui I & Soliman DAW **(2012)** Mineral analysis of *Phoenix dactylifera* L. leaves by inductively coupled plasma optical emission spectroscopy. **African Journal of Pharmacy and Pharmacology** 6: 2782-2786.
18. **Siddique I**, Javed SB, Al- Othman MR & Anis M **(2013a)** Stimulation of *in vitro* organogenesis from epicotyls explants and successive micropropagation round in *Cassia angustifolia* Vahl.: an important source of sennosides. **Agroforestry Systems** 87: 583-590 **(Impact Factor=1.373)**
19. **Siddique I**, Bokhari NA, Perveen K, Siddiqui I & Anis M **(2013b)** Pre-Culturing of nodal explants in thidiazuron supplemented liquid medium Improves *In vitro* shoot multiplication of *Cassia angustifolia* . **Acta Biologica Hungarica** 64: 377-384 **(Impact Factor=0.504)**

20. Bokhari NA, Siddiqui I, Perveen K, Siddique I, Rizwana H, Soliman DAW (2013c) management of anthracnose of banana by UV irradiation. **The Journal of Animal and Plant Sciences 23: 1211-1214 (Impact Factor=0.638)**

#### **Book Chapters:**

1. **Siddique I & Anis M (2007)** Rapid clonal multiplication of *Ocimum basilicum* L. through shoot tip culture. (Eds) AK Kukreja et al. **Proceeding of National Symposium on Plant Biotechnology: New Frontiers, CIMAP Lucknow, India.** pp. 207-212.
2. Anis M, Husain MK, Faisal M, Shahzad A, Ahmad N, **Siddique I** and Khan H (2009) *In vitro* approaches for plant regeneration and conservation of some potential medicinal plants. (Eds) Kumar A and Shekhawat NS. **Plant Tissue Culture and Molecular Markers Their Role in Improving Crop Productivity.** I.K. International Pvt. Ltd. India, pp 407-419.
3. Anis M, Ahmad N, **Siddique I**, Varshney A, Naz R, Parveen S, Khan MI, Husain MK, Khan MR, Khan PR and Aref IM (2011) Biotechnological approaches for the conservation of some forest tree species. In: Joshua A. Jenkins. Forest Decline: Causes and Impacts, Nova Science Publishers Inc., USA. **pp 1-39.**
4. Anis M, **Siddique I**, Naz R, Ahmed MR and Aref IM (2012) Advances in micropropagation of a highly important Cassia species- A Review. In: Bandani AR, New Perspectives in Plant Protection, InTech Publishers, Croatia 191-206.