

LIST OF PUBLICATIONS:

1. Voronina, A.V., Blinova, M.O., Semenischev, V.S., **Gupta, D.K.** (2015) Returning land contaminated as a result of radiation accidents to farming use. **Journal of Environmental Radioactivity** **144:103-112.**
2. **Gupta, D.K.**, Chatterjee, S., Datta, S., Veer, V., Walther, C. (2014) Role of phosphate fertilizers in heavy metal uptake and detoxification of toxic metals. **Chemosphere** **108:134-144.**
3. **Gupta, D.K.**, Huang, H.G., Nicoloso, F.T., Schetinger, M.R.C., Farias, J.G., Li, T.Q., Razafindrabe, B.H.N., Aryal, N., Inouhe, M. (2013) Effect of Hg, As and Pb on biomass production, photosynthetic rate, nutrients uptake and phytochelatin induction in *Pfaffia glomerata*. **Ecotoxicology** **22:1403-1412.**
4. **Gupta, D.K.**, Inouhe, M., Rodríguez-Serrano, M., Romero-Puerta, M.C., Sandalio, L.M. (2013) Oxidative stress and arsenic toxicity: Role of NADPH oxidases. **Chemosphere** **90(6):1987-1996.**
5. **Gupta, D.K.**, Huang, H.G., Corpas, F.J. (2013) Lead tolerance in plants: Strategies for phytoremediation. **Environmental Science and Pollution Research** **20(4):2150-2161.**
6. Huang, H.G., He, Z., Li, T.Q., Wang, K., Zhu, Z.Q., Yang, X.E., **Gupta, D.K.** (2013) Moderate phosphorus application enhance Zn mobility and uptake in hyperaccumulator *Sedum alfredii*. **Environmental Sciences and Pollution Research** **20(5):2844-2853.**
7. Ortega-Galisteo, A.P., Rodríguez-Serrano, M., Pazmiño, D.M., **Gupta, D.K.**, Sandalio, L.M., Romero-Puertas, M.C. (2012) S-nitrosylated proteins in pea (*Pisum sativum* L.) leaf peroxisomes: Changes under abiotic stress. **Journal of Experimental Botany** **63(5):2089-2103.**
8. Huang, H.G., **Gupta, D.K.**, Tian, S.K., Yang, X.E., Li, T.X. (2012) Lead tolerance and physiological adaptation mechanism in roots of accumulating and non-accumulating ecotypes of *Sedum alfredii*. **Environmental Sciences and Pollution Research** **19(5):1640-1651.**
9. Bhatt, C.R., Koirala, B., **Gupta, D.K.**, Battle, J.V.I. (2012) Environmental radiation-an important concern in the Himalayas (Nepal). **Journal of Environmental Radioactivity** **112:171-174.**
10. Huang, H.G., Li, T.Q., **Gupta, D.K.**, He, Z., Yang, X.E., Ni, B., Li, M. (2012) Heavy metal phytoextraction by *Sedum alfredii* H. is affected by continual clipping and phosphorus fertilization amendment. **Journal of Environmental Sciences** **24(3):376-386.**
11. Li, B., Zhang, F., Zhang L.W., Huang, J.F., Jin, Z.F., **Gupta, D.K.** (2012) Comprehensive suitability evaluation of tea crops based on GIS and modified land ecological suitability evaluation model. **Pedosphere** **22(1):122-130.**
12. Huang, H.G., Yu, N., Wang, L.J., **Gupta, D.K.**, He, Z., Wang, K., Zhu, Z.Q., Yan, X.C., Li, T.Q., Yang, X.E. (2011) The phytoremediation potential of bioenergy crops *Ricinus communis* to DDTs and cadmium co-contaminated soil. **Bioresource Technology** **102(23):11034-11038.**
13. Chaudhary, S.K., Rai, U.N., Mishra, K., Huang, H.G., Yang, X.E., Inouhe, M., **Gupta, D.K.** (2011) Growth and metal accumulation potential of *Vigna radiata* L. grown under fly-ash amendments. **Ecological Engineering** **37(10):1583-1588.**
14. Chaudhary, S.K., Inouhe, M., Rai, U.N., Mishra, K., **Gupta, D.K.** (2011) Inoculation of *Rhizobium* (VR-1 and VA-1) induces an increasing growth and metal accumulation potential in *Vigna radiata* and *Vigna angularis* L. growing under fly-ash. **Ecological Engineering** **37(8):1254-1257.**
15. **Gupta, D.K.**, Nicoloso, F.T., Schetinger, M.R.C., Rossato, L.V., Huang, H.G., Srivastava, S., Yang, X.E. (2011) Lead induced responses of *Pfaffia glomerata*, an economically important Brazilian medicinal plant, under *in vitro* culture conditions. **Bulletin of Environmental Contamination and Toxicology** **86(3):272-277.**
16. **Gupta, D.K.**, Huang, H.G., Yang, X.E., Razafindrabe, B.H.N., Inouhe, M. (2010) The detoxification of lead in *Sedum alfredii* H. is not related with phytochelatin but the glutathione. **Journal of Hazardous Material** **177:437-444.**
17. Hafsi, C., Romero-Puerta, M.C., **Gupta, D.K.**, del Rio, L.A., Sandalio, L.M., Abdelly, C. (2010) Moderate salinity enhances the antioxidative response in the halophyte *Hordeum maritimum* L. under potassium deficiency. **Environmental and Experimental Botany** **69:129-136.**
18. **Gupta, D.K.**, Nicoloso, F.T., Schetinger, M.R.C., Rossato, L.V., Pereira, L.B., Castro, G.Y., Srivastava, S., Tripathi, R.D. (2009) Antioxidant defence mechanism in hydroponically grown *Zea mays* seedlings under moderate lead stress. **Journal of Hazardous Material** **172(1):479-484.**
19. Xiao, G., Li, T.X., Zhang, X., Yu, H., Huang, H.G., **Gupta, D.K.** (2009) Uptake and accumulation of phosphorus by dominant plant species growing in a phosphorus mining area. **Journal of Hazardous Material** **172(1-3):542-550.**
20. Srivastava, S., Mishra, S., Tripathi, R.D., Dwivedi, S., Tandon, P.K., **Gupta, D.K.** (2009) Evaluation of zinc accumulation potential of *Hydrilla verticillata*. **Biologia Plantarum** **53(4):789-792.**
21. Huang, H., Li, T.X., Tian, S., **Gupta, D.K.**, Zhang, X., Yang, X.E. (2008) Role of EDTA in alleviating lead toxicity in accumulator species of *Sedum alfredii* H. **Bioresource Technology** **99(14):6088-6096.**

22. Tripathi, R.D., Dwivedi, S., Shukla, M.K., Mishra, S., Srivastava, S., Singh, R., Rai, U.N., **Gupta, D.K.** (2008) Role of blue green algae bio fertilizer in ameliorating the nitrogen demand and fly-ash stress to the growth and yield of rice (*Oryza sativa* L.) plants. **Chemosphere** **70(10):1919-1929**.
23. Liu, D., Islam, E., Ma, J., Wang, X., Mahmood, Q., Jin, X.F., Li, T.Q., Yang, X.E., **Gupta, D.K.** (2008) Optimization of chelator-assisted phytoextraction, using EDTA, Lead and *Sedum alfredii* H. as a model system. **Bulletin of Environmental Contamination and Toxicology** **81(1):30-35**.
24. Li, T.Q., Lu, L.L., Zhu, E., **Gupta, D.K.**, Islam, E., Yang, X.E. (2008) Antioxidant responses in roots of two-contrasting *Sedum alfredii* H. under elevated zinc concentrations. **Russian Journal of Plant Physiology** **55(6):799-807**.
25. **Gupta, D.K.**, Tripathi, R.D., Mishra, S., Srivastava, S., Dwivedi, S., Rai, U.N., Yang, X.E., Huang, H., Inouhe, M. (2008) Arsenic accumulation in roots and shoots vis-à-vis its effects on growth and level of phytochelatin in seedlings of *Cicer arietinum* L. **Journal of Environmental Biology** **29(3):281-286**.
26. **Gupta, D.K.**, Tripathi, R.D., Rai, U.N., Mishra, S., Srivastava, S., Dwivedi, S., Maathuis, F.J. (2007) Growth and biochemical parameters of *Cicer arietinum* L. grown on amended fly-ash. **Environmental Monitoring and Assessment** **134(1-3):479-487**.
27. Tripathi, R.D., Srivastava, S., Mishra, S., Singh N., Tuli, R., **Gupta, D.K.**, Maathuis, F.J. (2007) Arsenic hazards: Strategies for tolerance and remediation by plants. **Trends in Biotechnology** **25(4):158-165**.
28. Srivastava, S., Mishra, S., Tripathi, R.D., Dwivedi, S., **Gupta, D.K.** (2006) Copper induced oxidative stress and responses of antioxidants and phytochelatin in *Hydrilla verticillata* (L.f.) Royle. **Aquatic Toxicology** **80(4):405-415**.
29. Dwivedi, S., Tripathi, R.D., Rai, U.N., Srivastava, S., Mishra, S., Shukla, M.K., Gupta, A., Sinha, S., Baghel, V.S., **Gupta, D.K.** (2006) Dominance of algae in Ganga water polluted through fly-ash leaching: Metal bioaccumulation potential by selected algal species. **Bulletin of Environmental Contamination and Toxicology** **77(3):427-436**.
30. **Gupta, D.K.**, Tripathi, R.D., Rai, U.N., Dwivedi, S., Srivastava, S., Mishra, S., Inouhe, M. (2006) Changes in amino acid profile and metal content in seeds of *Cicer arietinum* L. grown under various fly-ash amendments. **Chemosphere** **65:939-945**.
31. Mishra, S., Srivastava, S., Tripathi, R.D., Kumar, R., Seth, C., **Gupta, D.K.** (2006) Lead detoxification by Coontail (*Ceratophyllum demersum* L.) involves induction of phytochelatin and antioxidant system in response to its accumulation. **Chemosphere** **65:1027-1039**.
32. **Gupta, D.K.**, Rai, U.N., Tripathi, R.D., Sinha, S., Rai, P., Inouhe, M. (2005) Induction of PCs and metal accumulation potential by two varieties of *Cicer arietinum* L. growing under various fly-ash amendments. **Journal of Environmental Biology** **26(3):539-546**.
33. Singh, N.K., Pandey, G.C., Rai, U.N., Tripathi, R.D., Singh, H.B., **Gupta, D.K.** (2005) Metal accumulation and ecophysiological effects of distillery effluent on *Potamogeton pectinatus* L. **Bulletin of Environmental Contamination and Toxicology** **74(5):857-863**.
34. **Gupta, D.K.**, Tohoyama, H., Joho, M., Inouhe, M. (2004) Changes in the levels of phytochelatin and related metal binding peptides in chickpea seedlings exposed to arsenic and different heavy metal ions. **Journal of Plant Research** **117:253-256**.
35. **Gupta, D.K.**, Rai, U.N., Tripathi, R.D. Sinha, S., Nautiyal, B.D., Rai, P., Inouhe, M. (2004) Role of *Rhizobium* (CA-1) inoculation in increasing growth and metal accumulation in *Cicer arietinum* L. growing under fly-ash stress condition. **Bulletin of Environmental Contamination and Toxicology** **73(2):424-431**.
36. Rai, U.N., Pandey, K., Sinha, S., Singh, A., Saxena, R., **Gupta, D.K.** (2004) Revegetating fly-ash with *Prosopis juliflora* L. Impact of different amendments and *Rhizobium* inoculation. **Environment International** **30(3):293-300**.
37. Rai, U.N., **Gupta, D.K.**, Akhtar, M., Pal, A. (2003) Performance of seed germination and growth performance of *Vicia faba* L. in fly-ash amended soil. **Journal of Environmental Biology** **24(1):9-15**.
38. Rai, U.N., Tripathi, R.D., Vajpayee, P., Pandey, N., Ali, M.B., **Gupta, D.K.** (2003) Cadmium accumulation and its phytotoxicity in *Potamogeton pectinatus* L. (Potamogetonaceae). **Bulletin of Environmental Contamination and Toxicology** **70(3):566-575**.
39. Singh, R.P., Tripathi, R.D., Dabas, S., Rhizvi, S.M.H., Ali, M.B., Sinha, S.K., **Gupta, D.K.**, Rai, U.N. (2003) Effect of lead on growth and nitrate assimilation of *Vigna radiata* (L.) Wilczek seedlings in a salt affected environment. **Chemosphere** **52:1245-1250**.
40. Tripathi, R.D., Rai, U.N., Vajpayee, P., Ali, M.B., Khan, E., **Gupta, D.K.**, Shukla, M.K., Mishra, S., Singh, S.N. (2003) Biochemical responses of *P. pectinatus* L. exposed to higher concentration of zinc. **Bulletin of Environmental Contamination and Toxicology** **71(2):255-262**.
41. **Gupta, D.K.**, Rai, U.N., Singh, A., Inouhe, M. (2003) Cadmium accumulation and toxicity in *Cicer arietinum* L. **Journal of Pollution Research** **22(4):457-463**.
42. **Gupta, D.K.**, Tohoyama, H., Joho, M., Inouhe, M. (2002) Possible roles of phytochelatin and glutathione metabolism in cadmium tolerance in chickpea roots. **Journal of Plant Research** **115:429-437**.

43. **Gupta, D.K.**, Inouhe, M., Tripathi, R.D., Rai, U.N. (2002) Impacts of fly-ash on soil and plant responses (Review Article). **Journal of Plant Research** **115:401-409**.
44. Rai, U.N., Chaudhary, S.K., **Gupta, D.K.** (2002) Phytotoxicity and health hazards of toxic metals: Decontamination through phytoremediation techniques. **Applied Botany Abstract** **22(2):125-147**.
45. Inouhe, M., **Gupta, D.K.**, Tohoyama, H., Joho, M. (2002) Heavy metal detoxification and phytochelatin formation in leguminous plants. **Plant and Cell Physiology Supplement** **43:80**.
46. **Gupta, D.K.**, Inouhe, M., Joho, M., Tohoyama, H., Rai, U.N. (2001) Role of phytochelatins in heavy metal tolerance in chickpea plants: A case study with cadmium. **Journal of Plant Research Supplement** **114:87**.
47. Inouhe, M., **Gupta, D.K.**, Teraoka, S., Tohoyama, H., Joho, M. (2001) Heavy metal tolerance and glutathione metabolism in Azuki bean plants. **Journal of Plant Research Supplement** **114:69-70**.

CHAPTER IN BOOKS/PROCEEDINGS:

1. Inouhe, M., Sakuma, Y., Chatterjee, S., Datta, S., Jagetiya, B.L., Voronina, A.V., Walther, C., **Gupta, D.K.** (2015) General roles of phytochelatins and other peptides in plant's defense mechanisms against oxidative stress/primary and secondary damages induced by heavy metals. In: Gupta, D.K., Palma, J.M., Corpas, F.J. (Eds.), Reactive oxygen species and oxidative damage in plants under stress. **Springer Publication, Germany. (ISBN: 978-3-319-20420-8) pp. 219-245**.
2. Corpas, F.J., **Gupta, D.K.**, Palma, J.M. (2015) Production sites of reactive oxygen species (ROS) in plants. In: Gupta, D.K., Palma, J.M., Corpas, F.J. (Eds.), Reactive oxygen species and oxidative damage in plants under stress. **Springer Publication, Germany. (ISBN: 978-3-319-20420-8) pp. 1-22**.
3. Mitra, A., Chatterjee, S., Veer, V., Datta, S., Sharma S., Razafindrabe, B.H.M., Walther, C., **Gupta, D.K.** (2014) Mechanism of metal transporters in plants. In: Gupta, D.K., Chatterjee, S. (Eds.), Heavy Metal Remediation: Transport and Accumulation in Plants. **Nova Science Publishers, NY, USA. (ISBN: 978-1-63321-568-9) pp. 1-28**.
4. Sharma S., Chatterjee, S., Datta, S., Mitra, A., Vairale, M.G., Veer, V., Chourasia, A., **Gupta, D.K.** (2014) In vitro selection of plants for the removal of toxic metals from contaminated soil: Role of genetic variation in phytoremediation. In: Gupta, D.K., Chatterjee, S. (Eds.), Heavy Metal Remediation: Transport and Accumulation in Plants. **Nova Science Publishers, NY, USA. (ISBN: 978-1-63321-568-9) pp. 155-178**.
5. **Gupta, D.K.**, Li, L.L. (2013) Lead detoxification system in plants. In: Kretsinger, R.H., Uversky, V.N., Permyakov, E.A. (Eds.), Encyclopedia of Metalloproteins. **Springer Publication, Germany. (ISBN: 978-1-4614-1532-9) pp. 1173-1179**.
6. **Gupta, D.K.**, Vandenhove, H., Inouhe, M. (2013) Role of phytochelatin in heavy metal stress and detoxification mechanisms in plants. In: Gupta, D.K., Corpas, F.J., Palma, J.M. (Eds.), Heavy Metal Stress in Plants. **Springer Publication, Germany. (ISBN: 978-3-642-38468-4) pp. 73-94**.
7. Palma, J.M., **Gupta, D.K.**, Corpas, F.J. (2013) Metalloproteins involved in the metabolism of Reactive Oxygen Species (ROS) and heavy metal stress. In: Gupta, D. K., Corpas, F.J., Palma, J.M. (Eds.), Heavy Metal Stress in Plants. **Springer Publication, Germany. (ISBN: 978-3-642-38468-4) pp. 1-18**.
8. Huang, H.G., Yen, S., Razafindrabe, B.H.N., Chaudhary, S.K., **Gupta, D.K.** (2013) Detoxification and tolerance of heavy metal in tobacco plants. In Gupta, D.K., Corpas, F.J., Palma, J.M. (Eds.), Heavy Metal Stress in Plants. **Springer Publication, Germany. (ISBN: 978-3-642-38468-4) pp. 95-110**.
9. Inouhe, M., Huang, H.G., Chaudhary, S.K., **Gupta, D.K.** (2012) Heavy metal bindings and its interactions with thiol peptides and other biological ligands in plant cells. In: Gupta, D.K., Sandalio, L.M. (Eds.), Metal toxicity in plants: Perception, signaling and remediation. **Springer Publication, Germany. (ISBN: 978-3-642-22080-7) pp. 1-22**.
10. Sandalio, L.M., Rodríguez-Serrano, M., **Gupta, D.K.**, Archilla, A., Romero-Puertas, M.C., del Río, L.A. (2012) Reactive oxygen species and NO signaling in plants under cadmium toxicity. In: Ahmad, P., Prasad, M.N.V. (Eds.), Environmental adaptations and stress tolerance of plants in the era of climate change. **Springer Publication, Germany. (ISBN: 978-1-4614-0814-7) pp. 199-216**.
11. **Gupta, D.K.**, Srivastava, S., Huang, H.G., Romero-Puertas, M.C., Sandalio, L.M. (2011) Arsenic tolerance and detoxification mechanisms in plants. In: Sherameti, I., Varma, A. (Eds.), Detoxification of Heavy Metals (Book series: Soil biology, vol. 30). **Springer Publication, Germany. (ISBN: 978-3-642-21407-3) pp. 169-180**.
12. **Gupta, D.K.**, Rai, U.N., Gupta, A.K. (2004) Phytoremediation of fly-ash landfills: Role of phytochelatins in detoxification of toxic metal ions. In: Singhal, P.K., Srivastava, P. (Eds.) Challenges in sustainable development. Anmol Publications PVT LTD, India, **(ISBN: 812-611-9934) pp. 205-232**.
13. Rai, U.N., Rai, P., **Gupta, D.K.** (2003) Use of phytoremediation technology for removal of metal contaminants from water and soil in proceeding of National Seminar on "Environmental Pollution: Problems and Management" (Ed. Pandey, D.D.) Published by **Jaspal Publication, Patna, India, pp. 23-45**.

14. Srivastava, P.K., Rai, U.N., **Gupta, D.K.**, Jha, V. (2002) Detoxification of environmental pollutants by biological organisms. In: Tripathi, G. (Ed.), Bioresource technology. **CBS Publishers, New Delhi, India. (ISBN: 978-812-3908-496) pp. 161-169.**
15. Rai, U.N., **Gupta, D.K.** (2001) New horizons of environmental purification via phytoremediation in **Proceeding of Indian Science Seminar at Vigyan Bharti, Jabalpur, India, pp. 77-80.**

FOREWORD WRITTEN FOR BOOK/MAGAZINE:

1. **Gupta, D. K.** (2013) Recent Advances towards improved phytoremediation of heavy metal pollution. Edited by David W. M. Leung. **Bentham e Books (ISBN: 978-1-60805-665-1) pp. i-ii.**

MY TOTAL e-BOOK DOWNLOADS IN ONE YEAR:

1. 14, 864 (2013) Three Books
2. 18, 610 (2014) Four Books

BOOKS EDITED/WRITTEN:

1. **Gupta, D.K.**, Palma, J.M., Corpas, F.J. (2015) Reactive Oxygen Species and Oxidative Damage in Plants under Stress. Springer-Verlag, Germany. **(ISBN: 978-3-319-20420-8).**
2. Walther, C., **Gupta, D.K.** (2015) Chemistry of Radionuclides in the Environment. Springer-Verlag, Germany. **(ISBN: 978-3-319-22170-0).**
3. **Gupta, D.K.**, Chatterjee, S. (2015) Arsenic Contamination in the Environment: Challenges and Solutions. Springer Brief Book, U.S.A. **(In Press).**
4. **Gupta, D.K.**, Walther, C. (2015) Cesium and its Impact on Plants and the Environment. Springer-Verlag, Germany. **(In Press).**
5. **Gupta, D.K.**, Walther, C. (2014) Radionuclide Contamination and Remediation through Plants. Springer-Verlag, Germany. **(ISBN: 978-3-319-07664-5).**
6. **Gupta, D.K.**, Chatterjee, S. (2014) Heavy Metal Remediation: Transport and Accumulation in Plants. Nova Science Publishers, NY, USA. **(ISBN: 978-1-63321-568-9).**
7. **Gupta, D.K.** (2013) Plant Based Remediation Process. Springer-Verlag, Germany. **(ISBN: 978-3-642-35563-9).**
8. **Gupta, D.K.**, Corpas, F.J., Palma, J.M. (2013) Heavy Metal Stress in Plants. Springer-Verlag, Germany. **(ISBN: 978-3-642-38468-4).**
9. **Gupta, D.K.**, Sandalio, L.M. (2012) Metal Toxicity in Plants: Perception, Signaling and Remediation. Springer-Verlag, Germany. **(ISBN: 978-3-642-22080-7).**

POPULAR ARTICLES IN MAGAZINES/CIRCULARS:

1. **Gupta, D.K.**, Rai, P., Tripathi, R.D. (2004) Environmental pollution, management and its control in Institute magazine "Vigyan Vani" of National Botanical Research Institute, Lucknow, India, **10:(2)36-37.**
2. Rai, P., **Gupta, D.K.** (2004) Phytochelatin and metal tolerance in Enviro Talk of Society of Environmental Protection, Lucknow, India **3(4):4.**
3. Rai, P., **Gupta, D.K.** (2003) Fly-ash impact on soil and plants in Enviro Talk of Society of Environmental Protection, Lucknow, India **2(2):4-5.**
4. **Gupta, D.K.**, Gupta, A.K. (2003) Phytoremediation: A novel strategy for decontamination of toxic metals in Enviro Talk of Society of Environmental Protection, Lucknow, India **2(1):4-5.**
5. **Gupta, D.K.**, Rai, U.N. (2002) Plants and Environmental Conservation in Institute magazine "Vigyan Vani" of National Botanical Research Institute, Lucknow, India, **8(1):12-13.**
6. **Gupta, D.K.**, Tripathi, R.D., Rai, U.N. (2000) Use of genetic engineering in phytoremediation in "Vigyan Garima Sindhu" of Scientific and Technical Wording Committee, Human Resource Development Ministry, Education Department, New Delhi, Government of India **(34-35):29-32.**
7. **Gupta, D.K.**, Rai, U.N., Tripathi, R.D. (2000) Soil pollution its consequent, source and treatment through plants in Institute magazine "Vigyan Vani" of National Botanical Research Institute, Lucknow, India, **6:71-73.**
8. **Gupta, D.K.**, Tripathi, R.D., Rai, U.N. (2000) Heavy metals, soil pollution and treatment through plants in Institute magazine "Vigyan Vani" of National Botanical Research Institute, Lucknow, India, **6:88-90.**

PAPERS PRESENTED AT CONFERENCES/SYMPOSIA:

1. **Gupta, D.K.**, Tawussi, F., Lutke, L., Hamann, L., Walther, C. (2015) Oxidative stress generated by moderate uranium in *Pisum sativum* plants at RAD 2015, Budva, **Montenegro, 8-12 June.**
2. **Gupta, D.K.**, Walther, C. (2014) Radionuclide (uranium) contamination and remediation through phytoremediation techniques at 2nd International Science-Technical Conference, Ural Federal University, Ekaterinburg, **Russia, 10-14 November.**
3. **Gupta, D.K.**, Tawussi, F., Lutke, L., Walther, C. (2014) Effect of Uranium on photosynthetic parameters in *Pisum sativum* in conjugation with antioxidant defense at 11th International Phytotechnologies Conference, Heraklion, Crete, **Greece, Sept. 30-Oct. 3.**
4. **Gupta, D.K.**, Tawussi, F., Lutke, L., Hamann, L., Walther, C. (2014) Uranium exposure reduce NO generation but increase H₂O₂ production in *Pisum sativum* plants at 5th Plant NO Club Meeting, Nymphenburg, Munich, **Germany, 24-25 July.**
5. **Gupta, D.K.**, Tawussi, F., Lutke, L., Walther, C. (2014) The impact of the U(VI) speciation on U(VI) uptake and stress response in *Pisum sativum* at IGD-TP Geodisposal 2014 Conference, Manchester, **U.K., 24-26 June.**
6. **Gupta, D.K.**, Inouhe, M., Rodriguez-Serrano, M., Romero-Puertas, M.C., Sandalio, L.M. (2013) NADPH oxidase C is not the main source of ROS under arsenic toxicity but regulates antioxidants and metal transporters at 11th International POG Conference on Reactive Oxygen and Nitrogen Species in Plants, Warsaw, **Poland, 17-19 July.**
7. **Gupta, D.K.**, Chatterjee, S., Veer, V (2012) Lead accumulation and tolerance in plants: Strategies for phytoremediation at Conference on Recent Developments in Health, Hygiene and Environment, Defence Research Laboratory, Tezpur, Assam, **India, 6-7 November.**
8. **Gupta, D.K.**, Pena, L.B., Romero-Puertas, M.C., del Rio, L.A., Sandalio, L.M. (2011). Role of NADPH oxidases in the regulation of oxidative metabolism under cadmium stress at 10th International Conference on Reactive Oxygen and Nitrogen Species in Plants, Budapest, **Hungary, 5-8 July.**
9. **Gupta, D.K.**, Nicoloso, F.T., Schetinger, M.R. (2010). Moderate lead induced responses in Brazilian medicinal plant: *Pfaffia glomerata*, under *in vitro* culture at 4th International Conference on Plants and Environmental Pollution, NBRI, Lucknow, **India, 8-11 December.**
10. Chaudhary, S.K., **Gupta, D.K.**, Rai, U.N., Mishra, K. (2010). *Rhizobium* (VR-1 and VA-1) inoculation induces an increasing growth and metal accumulation potential in leguminous plants growing under fly-ash at 4th International Conference on Plants and Environmental Pollution, NBRI, Lucknow, **India, 8-11 December.**
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