

The Journal of American Science

ISSN 1545-1003

Volume 5 - Number 5, September 1, 2009

[Cover Page](#), [Introduction](#), [Contents](#), [Call for Papers](#), [All papers in one file](#)

Welcome to send your manuscript(s) to: americansciencej@gmail.com.

CONTENTS

No. / Titles / Authors	page
1. Complexities of Using Graph Partitioning in Modern Scientific Problems and Application to Power System Islanding Ali Peiravi, Rahim Ildarabadi	1-12
2. Cloning and the Expression of Insulin Growth Factor-II and the Analysis of its Function Research Yan Yuqing, Xiao Minghui, Sun Hongmei, Zhao Linshan, Zhu Hongjie	13-16
3. Fungitoxic Effect of Neem Extracts on Growth and Sclerotial Survival of <i>Macrophomina phaseolina in vitro</i> R.C. Dubey, Harish Kumar, R.R. Pandey	17-24
4. Physical Properties of an Ultisol Under Plastic Film and No-Mulches and their Effect on the Yield of Maize Mbah Charles Ndubuisi	25-30
5. Wildlife corridors and Asian Elephants (<i>Elephas maximus</i>): Lessons from Rajaji National Park, North-West India Ritesh Joshi, Rambir Singh	31-40
6. Environmentally Sustainable Traditional Natural Resource Management and Conservation in Ziro Valley, Arunachal Himalaya, India Mihin Dollo, Prasanna K. Samal, R.C. Sundriyal and Kireet Kumar	41-52
7. Physico-Chemical Analysis of Ground Water in Angul-Talcher Region of Orissa, India Rizwan Reza and Gurdeep Singh	53-58
8. Chemical stimulation of seed germination in <i>Angelica archangelica</i> Linn. (Apiaceae), a threatened high altitude aromatic herb Rajiv Kumar Vashistha, Bhagwati Prasad Nautiyal and Mohan Chandra Nautiyal	59-70
9. Development and Power Performance Test of a Small three-bladed Horizontal-axis Wind Turbine Ajao K. R. & Adegun I. K.	71-78
10. Effect Of Growth Hormones On Seed Germination And Seedling Growth Of Black Gram And Horse Gram J.S. Chauhan, Y.K. Tomar, N. Indrakumar Singh, Seema Ali, and Debarati	79-84
11. Anatomical features of <i>Lilium polyphyllum</i> D. Don ex Royle (Liliaceae) Anurag Dhyani, Yateesh Mohan Bahuguna, Dinesh Prasad Semwal, Bhagwati Prasad Nautiyal, Mohan Chandra Nautiyal	85-90

<u>12. Engineering Geophysical Approach to Progressive or Sudden Collapse of Engineering Structures In Lagos, Nigeria</u>	Oyedele, K.F	91-100
<u>13. Creativity, Age And Gender As Predictors Of Academic Achievement Among Undergraduate Students</u>	Habibollah. Naderi, Rohani. Abdullah, H. Tengku Aizan, Jamaluddin. Sharir, V.Kumar	101-112
<u>14. Effect of CO₂ Enrichment on Photosynthetic Behavior of <i>Podophyllum Hexandrum</i> Royle, an Endangered Medicinal Herb.</u>	Ashish Kumar Chaturvedi, Rajiv Kumar Vashistha, Neelam Rawat, Pratti Prasad and Mohan Chandra Nautiyal	113-118
<u>15. Species richness and diversity along an altitudinal gradient in moist temperate forest of Garhwal Himalaya.</u>	C. M. Sharma, Sarvesh Suyal, Sumeet Gairola, S.K. Ghildiyal	119-128
<u>16. Dengue Virus Infections in Patients Suspected of Malaria/Typhoid in Nigeria</u>	Baba M M, Marie-Francois Saron, Vorndam A V, Adeniji J A, Diop O and Olaleye D	129-134
<u>17. Cultivation of Straw Mushroom (<i>Volvariella volvacea</i>) Using Some Agro-Waste Material</u>	Onuoha C.I., Oyibo, G and Ebibila Judith	135-138
<u>18. Propagation Through Rooting of Stem Cuttings of <i>Ginkgo biloba</i> Linn. - A Living Fossil Under Threat</u>	Vijay Kant Purohit, Prakash Chandra Phondani, Lakhpat Singh Rawat, Rakesh Kumar Maikhuri, Deepak Dhyani and Anant Ram Nautiyal	139-144
<u>19. The Role Played By Azores High in Developing of Extratropical Cyclone Klaus</u>	Yehia Hafez	145-163
<u>20. Persistent Organic Pollutants (POPs) in Sea food of China- A review</u>	Mangala Yatawara, N.Linthoingambi Devi, Qi Shihua	164-174
<u>21. Thermodynamic simulation of performance of an endoreversible Dual cycle with variable specific heat ratio of working fluid</u>	Rahim Ebrahimi	175-180
<u>22. Design and Prototyping of a Microcontroller Based Synchrocheck Relay for Improved Reliability</u>	Ali Peiravi	181-188
<u>23. Yacht Construction In Myanmar</u>	Kay Thwe	189-196
<u>24. Desalinization of Saline Soils Aimed at Environmentally Sustainable Agriculture: A New Thought</u>	Abul Hasnat Md. Shamim and Takeo Akae	197-198
<u>25. Developing a Portable Reading Machine for the Blinds</u>	Erwin Normanyo, Dzinyefa Kodzo Tsolenyanu, Isaac Adetunde	199-212

Emails: editor@americanscience.org; americansciencej@gmail.com