

## **AUTHORSHIP PATTERN AND RESEARCH COLLABORATION OF JOURNALS OF BOTANY**

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### **ABSTRACT**

The study highlights the authorship pattern and research collaboration in the area of Biology based on 1183 scholarly communication appeared in the Botany during 2005-2014. Study illustrates various significant aspects like types and trends of authorship, author productivity, degree of collaboration, collaborative index, Growth rate of the articles, Relative growth rate and Doubling time, geographical wise distribution. Multiple author papers are more popular among Botany literature. USA is the highest Contributor Country in the field of Botany literature, finally verified through Kolmogorov Simonov test. Finally it can be concluded that Botany literature does not follow the Lotka's law of author productivity and found that there is a negative Co-relation in botany literature.

**KEYWORDS:** Growth Rate, Relative Growth Rate, Doubling Time, Authorship Pattern, Lotka's Law, KS Test, Botany Literature.