

BIOSTIMULANTS RESEARCH TRENDS 2022

2022 was an important year for plant biostimulants from a Regulatory standpoint. In fact, for the first-time plant biostimulants were formally recognised by EU law (FertilisinG Product Regulation 2019/1009 - FPR), as a category of their own. Finally, the entire fertilizer sector, including biostimulants, has unique rules that allow the commercialization in the European area.

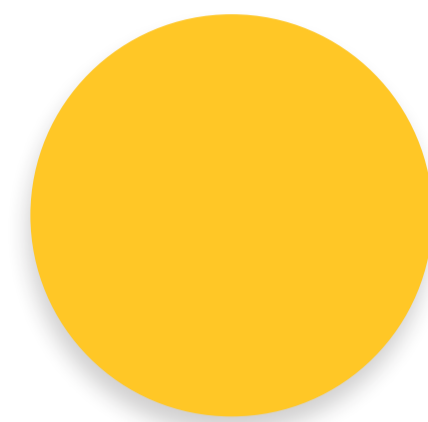


INTERNATIONAL SCIENTIFIC PRODUCTION

Total number of publications (2022) :

Research activity in the biostimulant sector has seen a strong and progressive increase in the number of publications.

Over 400 papers published at international level



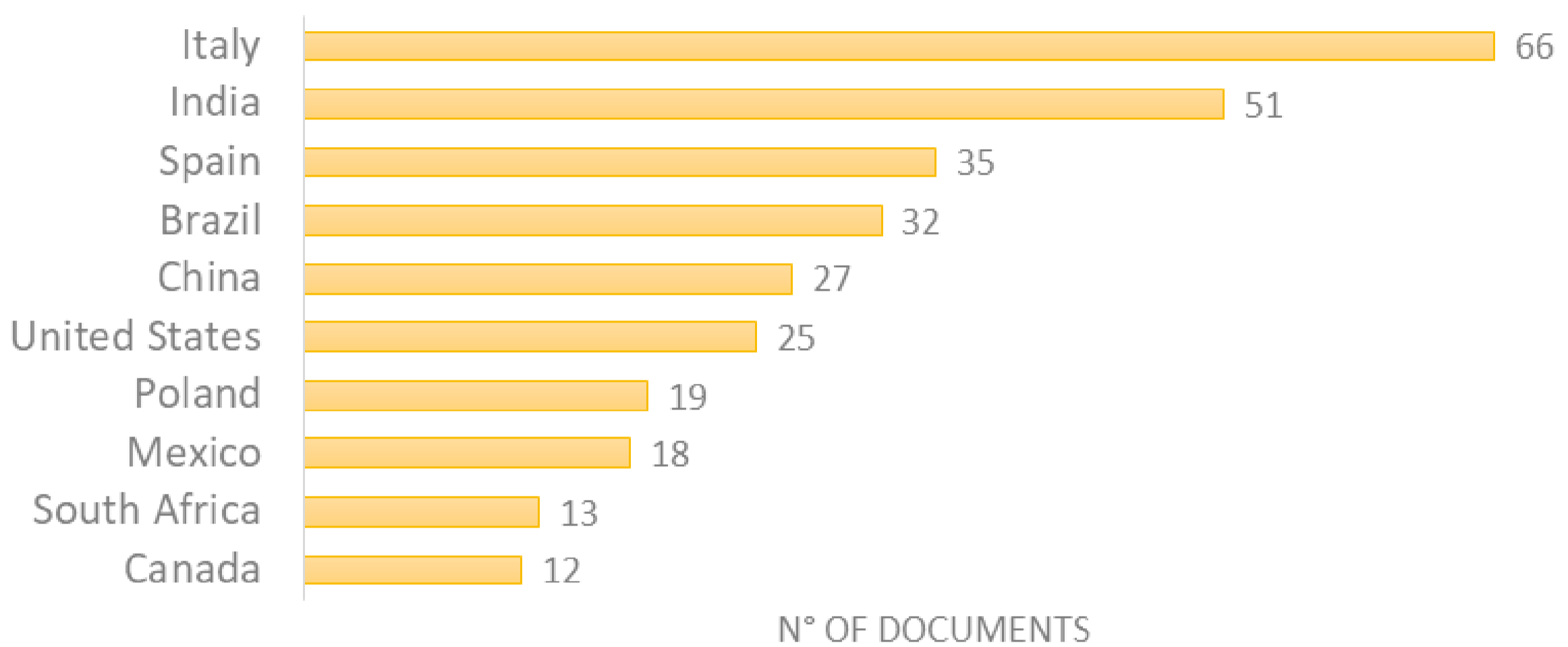
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GEOGRAPHIC DISTRIBUTION



Italy is the leader country for number of scientific publications, with over 60 articles published in 2022. In this rank, Italy is followed by India, Spain, Brazil, China and US.

Top 10 countries for scientific production



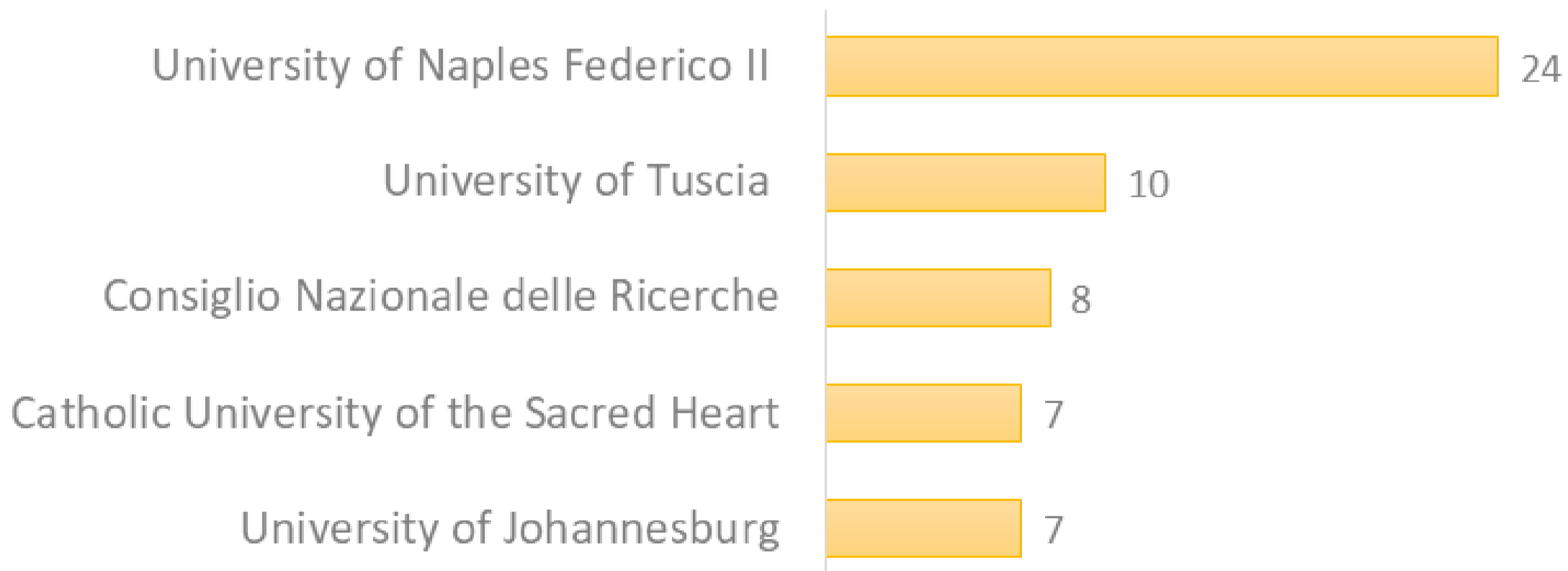
TOP RESEARCH INSTITUTES AND AUTHORS



Since Italy is the first country in the world for number of scientific publications in the biostimulant sector it's obvious that the top research institutions and scientists come from Italy too. The top five research institutions in the biostimulants sector are:

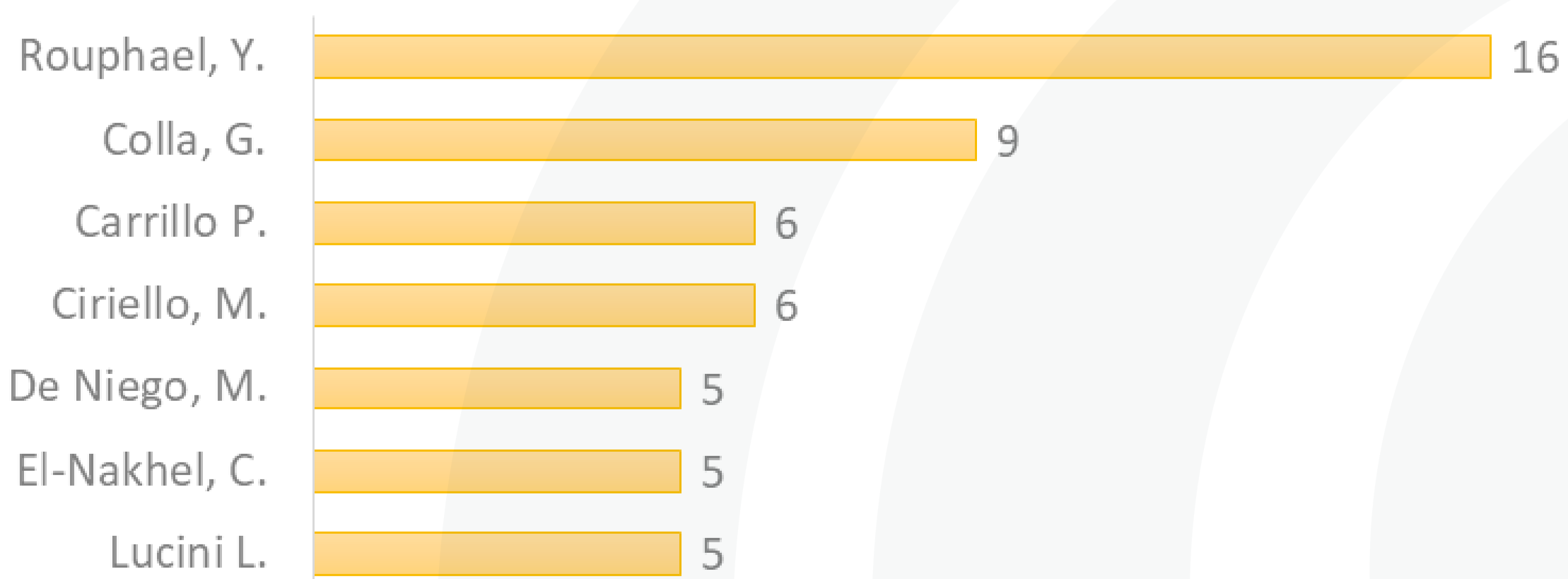
University of Naples (IT) followed by Tuscia University (IT), Consiglio Nazionale delle Ricerche which is the largest public institution dedicated to research in Italy, Catholic University of the Sacred Heart (IT) and University of Johannesburg (SA).

Top 5 institutes for scientific production



Among the top scientists for number of publications in 2022 there are Professor Giuseppe Colla of Tuscia University (IT), who leads the Scientific Committee of biostimulant.com, Professor Youssef Roupheal of the University of Naples (IT), and Professor Luigi Lucini of Catholic University of the Sacred Heart, Piacenza (IT) also both members of biostimulant.com scientific committee.

Top authors for scientific production



In 2022, research activity in the biostimulant sector was very active, with more than 400 publications at international level. Italy is the first country for number of scientific publications and among the top five scientists by number of papers published there are all the members of biostimulant.com scientific committee.