
What the soil organic matter term has to offer in a survey bibliographic in the last decade using science direct database

Fabian, V. R. A.¹, Suchodolak, L.², Giongo, L. I.¹, Nascimento, G. F.², Carra, J. B.³, Fabris, M.³ and Tonial, L. M. S.^{2*}

¹Departamento de Agronomia, Universidade Tecnológica Federal do Paraná Pato Branco, Paraná Brazil; ²Departamento Acadêmico de Química, Universidade Tecnológica Federal do Paraná Pato Branco, Paraná Brazil; ³Departamento de Química, Universidade Estadual de Londrina, Londrina, Paraná Brazil.

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Abstract A bibliographic survey of papers that include the term soil organic matter (SOM) and the occurrence of this term in papers in the last decade were investigated. For this purpose, it was described the composition, importance, and characterization of SOM. In sequence, the quantitative analysis to determine the scientific production, by year, including the term among 2010 and 2019 was performed by using the Science Direct database. After, the qualitative analysis of the data was included the description of the 10 main journals, and the statistics involving publications by this journal. Finally, a new bibliographic survey was realized using the advanced search and were included in the author affiliation the South America countries, and other countries. The results reinforced the importance of the SOM as soil component. In summary, the interest in research has increased in the past decade and around the globe, especially in China which published the largest number of papers among 2010 and 2019. Last year (2019) only, there were published more than 5,000 articles. Other countries, such as Ecuador, Peru, Colombia, Brazil, and India, also had a considerable increase in scientific production, during the last 10 years, involving the term SOM.

Keywords: Articles, Papers, Scientific journals, SOM

* **Corresponding Author:** Tonial, L. M. S.; **Email:** larissasantos@utfpr.edu.br