

# Prasanta Kumar Bandyopadhyay

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,287  
citations

759055

12  
h-index

713332

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1109  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Organic Amendments Influence Soil Organic Carbon Pools and Rice-Wheat Productivity. Soil Science Society of America Journal, 2008, 72, 775-785.   | 1.2 | 239       |
| 2  | The potential of cropping systems and soil amendments for carbon sequestration in soils under long-term experiments in subtropical India. Global Change Biology, 2007, 13, 357-369.   | 4.2 | 200       |
| 3  | Potential of double-cropped rice ecology to conserve organic carbon under subtropical climate. Global Change Biology, 2008, 14, 2139-2151.  | 4.2 | 164       |
| 4  | Soil organic carbon pools and productivity relationships for a 34-year old rice-wheat-jute agroecosystem under different fertilizer treatments. Plant and Soil, 2007, 297, 53-67.   | 1.8 | 143       |
| 5  | Effect of organic inputs on aggregate associated organic carbon concentration under long-term rice-wheat cropping system. Geoderma, 2010, 154, 379-386.   | 2.3 | 121       |
| 6  | Soil organic carbon pools and productivity in relation to nutrient management in a 20-year-old rice-berseem agroecosystem. Biology and Fertility of Soils, 2008, 44, 451-461.   | 2.3 | 94        |
| 7  | Actual evapotranspiration and crop coefficients of wheat ( <i>Triticum aestivum</i> ) under varying moisture levels of humid tropical canal command area. Agricultural Water Management, 2003, 59, 33-47.   | 2.4 | 70        |
| 8  | Zeolites Enhance Soil Health, Crop Productivity and Environmental Safety. Agronomy, 2021, 11, 448.  | 1.3 | 50        |
| 9  | Water balance and crop coefficients of summer-grown peanut ( <i>Arachis hypogaea</i> L.) in a humid tropical region of India. Irrigation Science, 2005, 23, 161-169.  | 1.3 | 48        |
| 10 | Effects of Organic Amendments on Soil Physical Attributes and Aggregate-Associated Phosphorus Under Long-Term Rice-Wheat Cropping. Pedosphere, 2018, 28, 823-832.   | 2.1 | 46        |
| 11 | Effects of stubble length of rice in mitigating soil moisture stress and on yield of lentil ( <i>Lens</i> ) Tj ETQq1 1 0.784314 ggBT /Overlock 10 11  | 2.4 | 30        |
| 12 | Comparison of Soil Physical Properties between a Permanent Fallow and a Long-Term Rice-Wheat Cropping with Inorganic and Organic Inputs in the Humid Subtropics of Eastern India. Communications in Soil Science and Plant Analysis, 2011, 42, 435-449.   | 0.6 | 17        |
| 13 | Response of Lentil ( <i>Lens culinaris</i> ) to Post-rice Residual Soil Moisture Under Contrasting Tillage Practices. Agricultural Research, 2018, 7, 463-479.  | 0.9 | 15        |
| 14 | Impact of mulching and nutrients on soil water balance and actual evapotranspiration of irrigated winter cabbage ( <i>Brassica oleracea</i> var. capitata L.). Agricultural Water Management, 2022, 263, 107456.  | 2.4 | 10        |
| 15 | Yield and water use efficiency of cauliflower under varying irrigation frequencies and water application methods in Lower Gangetic Plain of India. Agricultural Water Management, 2010, 97, 1655-1662.  | 2.4 | 8         |
| 16 | Soil water stress and physiological responses of chickpea ( <i>Cicer arietinum</i> L.) subject to tillage and irrigation management in lower Gangetic plain. Agricultural Water Management, 2022, 263, 107443.  | 2.4 | 8         |
| 17 | Understanding the Impacts of Sowing Time and Tillage in Optimizing the Micro-Environment for Rainfed Lentil ( <i>Lens culinaris</i> Medik) Production in the Lower Indo-Gangetic Plain. Journal of Soil Science and Plant Nutrition, 2020, 20, 2536-2551. | 1.7 | 6         |
| 18 | Effect of Incubation Duration of Incorporated Organics on Saturated Hydraulic Conductivity, Aggregate Stability and Sorptivity of Alluvial and Red-Laterite Soils. Journal of the Indian Society of Soil Science, 2018, 66, 370.                          | 0.1 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Tillage and Potassium Management for Improving Yield, Physiological, and Biochemical Responses of Rainfed Lentil Under Moisture Stressed Rice-Fallow. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 637-654. | 1.7 | 4         |
| 20 | Raising Climate-Resilient Embolden Rice ( <i>Oryza sativa</i> L.) Seedlings during the Cool Season through Various Types of Nursery Bed Management. <i>Sustainability</i> , 2021, 13, 12910.                                  | 1.6 | 4         |
| 21 | Yield-water relationships of lentil grown under different rice establishments in Lower Gangetic Plain of India. <i>Agricultural Water Management</i> , 2021, 246, 106675.   | 2.4 | 3         |
| 22 | Functional Behaviour of Soil Physical Parameters for Regulating Organic C Pools. , 2020, , 233-247.   |     | 2         |
| 23 | Effect of Balanced Fertilization in Puddled Rice on the Productivity of Lentil in Rice-Fallow System Under Zero Tillage. <i>Bangladesh Agronomy Journal</i> , 2016, 19, 67-79.  | 0.2 | 0         |
| 24 | Effect of mulching practices on growth and yield of forage crops under rainfed ecosystem. <i>Journal of Applied and Natural Science</i> , 2018, 10, 266-271.  | 0.2 | 0         |