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AND REGIONAL PLANNING , CAAS

Zhang Shuiqin

Assistant Professor

86-10-82108664 **zhangshuiqin@caas.cn**

Innovation Team of Fertilizer and Fertilization Technology, IARRP, CAAS

Ziyuan Building, 12 Zhongguancun Nandajie Street, Haidian District, Beijing, China

Research Interests

- **Development of new high-efficiency fertilizer**
- **Synergistic mechanism of value-added fertilizer**
- **Fertilization technique**

Publication

Characterization of pH-fractionated humic acids derived from Chinese weathered coal, Chemosphere, 2017, DOI: 10.1016/j.chemosphere.2016.09.095

Effects of urea enhanced with different weathered coal-derived humic acid components on maize yield and fate of fertilizer nitrogen, Journal of Integrative Agriculture, 2019, DOI: 10.1016/S2095-3119(18)61950-1

Advances in humic acid for promoting plant growth and its mechanism(CN), Journal of Plant Nutrition and Fertilizer, 2017, DOI: 10.11674/zwyf.16255

Effects of humic acid urea on maize yield and the fate of fertilizer nitrogen (CN), Journal of Plant Nutrition and Fertilizer, 2017, DOI: 10.11674/zwyf.17046

Combining humic acid with phosphate fertilizer affects humic acid structure and its stimulating efficacy on the growth and nutrient uptake of maize seedlings, Scientific Reports, 2020, DOI:

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10.1038/s41598-020-74349-6

Overview of value-added fertilizer (CN), Beijing/China Agricultural Science and Technology Press, 2020, ISBN: 978-7-5116-5070-2

Add: 12 Zhongguancun Nandajie,Beijing 100081,P.R.of China Web: www.iarrp.cn