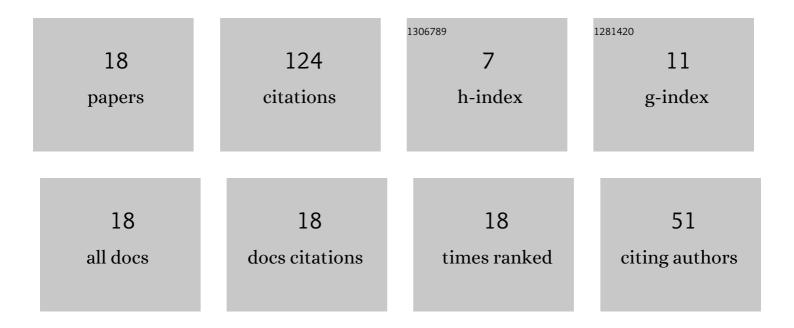
## Xiaobo Xi

List of Publications by Year in descending order

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XIAOBO XI

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effect of phosphorus content on the properties of Ni-P coated diamond. Surface and Coatings<br>Technology, 2016, 297, 27-33.   | 2.2 | 17        |
| 2  | Fault-Tolerant Active Disturbance Rejection Control of Plant Protection of Unmanned Aerial Vehicles<br>Based on a Spatio-Temporal RBF Neural Network. Applied Sciences (Switzerland), 2021, 11, 4084.        | 1.3 | 12        |
| 3  | Quantitative Monitoring of Leaf Area Index in Rice Based on Hyperspectral Feature Bands and Ridge<br>Regression Algorithm. Remote Sensing, 2022, 14, 2777.   | 1.8 | 12        |
| 4  | Optimisation of no-tube seeding and its application in rice planting. Biosystems Engineering, 2021, 210, 115-128.  | 1.9 | 10        |
| 5  | Simulation and Experiment of Spiral Soil Separation Mechanism of Compound Planter Based on<br>Discrete Element Method (DEM). Agriculture (Switzerland), 2022, 12, 511.                                       | 1.4 | 10        |
| 6  | Sealing performance of tempered vacuum glazing with silver oxide system low melting solder.<br>Materials Chemistry and Physics, 2022, 275, 125202.   | 2.0 | 9         |
| 7  | Sensor Fault Diagnosis and Fault Tolerant Control of Quadrotor UAV Based on Genetic Algorithm.<br>Journal of Sensors, 2022, 2022, 1-8.   | 0.6 | 9         |
| 8  | Design and experiment of no-tube seeder for wheat sowing. Soil and Tillage Research, 2020, 204,<br>104724.   | 2.6 | 7         |
| 9  | Mechanical properties of tempered vacuum glazing with continuous vacant support pillars. Vacuum, 2021, 188, 110165.  | 1.6 | 7         |
| 10 | Multiple Leveling for Paddy Field Preparation with Double Axis Rotary Tillage Accelerates Rice Growth<br>and Economic Benefits. Agriculture (Switzerland), 2021, 11, 1223.                                   | 1.4 | 7         |
| 11 | Effect of phosphorus content on suspension of Ni-P coated diamond (NPCD) and wear resistance of<br>electrodeposited Ni-Co-Mn/NPCD composite coatings. Diamond and Related Materials, 2017, 74, 164-172.      | 1.8 | 5         |
| 12 | Design and Experiment of Row-Controlled Fertilizing–Weeding Machine for Rice Cultivation.<br>Agriculture (Switzerland), 2021, 11, 527.   | 1.4 | 5         |
| 13 | Prediction and Analysis of the Thermal Performance of Composite Vacuum Glazing. Energies, 2021, 14, 5769.  | 1.6 | 5         |
| 14 | Cattle Manure Application and Combined Straw Mulching Enhance Maize (Zea mays L.) Growth and<br>Water Use for Rain-Fed Cropping System of Coastal Saline Soils. Agriculture (Switzerland), 2021, 11,<br>745. | 1.4 | 4         |
| 15 | Artificial Macropores with Sandy Fillings Enhance Desalinization and Increase Plant Biomass in Two<br>Contrasting Salt-Affected Soils. Applied Sciences (Switzerland), 2021, 11, 3037.                       | 1.3 | 2         |
| 16 | Damage Evaluation in Tempered Vacuum Glazing via Multivariate Statistical Methods. Applied Sciences<br>(Switzerland), 2021, 11, 4799.  | 1.3 | 2         |
| 17 | The Analysis of the Applications of Crop Seed Tape Sowing Technology and Equipment: A Review.<br>Applied Sciences (Switzerland), 2021, 11, 11228.  | 1.3 | 1         |
| 18 | Design and Experimental Study on Motor Type Automatic Driving System of Agricultural Machinery<br>Based on Beidou Navigation. , 2019, , .  |     | 0         |