# Heng Sun

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| **12**<br>papers | **195**<br>citations | 1163117<br>**8**<br>h-index | 1281871<br>**11**<br>g-index |
| **13**<br>all docs | **13**<br>docs citations | **13**<br>times ranked | **89**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Hyperspectral imaging technology combined with deep forest model to identify frost-damaged rice seeds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117973. | 3.9 | 47 |
| 2 | Non-destructive identification of slightly sprouted wheat kernels using hyperspectral data on both sides of wheat kernels. Biosystems Engineering, 2020, 200, 188-199. | 4.3 | 26 |
| 3 | Identification of soybean varieties based on hyperspectral imaging technology and one‑dimensional convolutional neural network. Journal of Food Process Engineering, 2021, 44, e13767. | 2.9 | 25 |
| 4 | Discrimination of unsound wheat kernels based on deep convolutional generative adversarial network and near-infrared hyperspectral imaging technology. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120722. | 3.9 | 25 |
| 5 | Association of Preoperative NANOG-Positive Circulating Tumor Cell Levels With Recurrence of Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 601668. | 2.8 | 15 |
| 6 | Determination of moisture content in barley seeds based on hyperspectral imaging technology. Spectroscopy Letters, 2020, 53, 751-762. | 1.0 | 11 |
| 7 | Identification of rice-weevil (Sitophilus oryzae L.) damaged wheat kernels using multi-angle NIR hyperspectral data. Journal of Cereal Science, 2021, 101, 103313. | 3.7 | 11 |
| 8 | Application of microfluidic technology in antibody screening. Biotechnology Journal, 2022, 17, e2100623. | 3.5 | 10 |
| 9 | Molecular Mechanisms of Resistance to Tyrosine Kinase Inhibitors Associated with Hepatocellular Carcinoma. Current Cancer Drug Targets, 2022, 22, 454-462. | 1.6 | 8 |
| 10 | Insights into interactions between food polyphenols and proteins: an updated overview. Journal of Food Processing and Preservation, 0, , . | 2.0 | 8 |
| 11 | Evaluating effect of metallic ions on aggregation behavior of $\beta$-amyloid peptides by atomic force microscope and surface-enhanced Raman Scattering. BioMedical Engineering OnLine, 2021, 20, 132. | 2.7 | 6 |
| 12 | Nondestructive identification of barley seeds varieties using hyperspectral data from two sides of barley seeds. Journal of Food Process Engineering, 2021, 44, e13769. | 2.9 | 3 |