# Peng Liu

List of Publications by Year
in descending order

| 11 papers | 316 citations | 933447<br>10 h-index | 1281871<br>11 g-index |
|---|---|---|---|
| 11 all docs | 11 docs citations | 11 times ranked | 253 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A novel graphene-like titanium carbide MXene/Au–Ag nanoshuttles bifunctional nanosensor for electrochemical and SERS intelligent analysis of ultra-trace carbendazim coupled with machine learning. Ceramics International, 2021, 47, 173-184. | 4.8 | 73 |
| 2 | Portable wireless intelligent sensing of ultra-trace phytoregulator α-naphthalene acetic acid using self-assembled phosphorene/Ti3C2-MXene nanohybrid with high ambient stability on laser induced porous graphene as nanozyme flexible electrode. Biosensors and Bioelectronics, 2021, 179, 113062. | 10.1 | 68 |
| 3 | Rapid detection of chlorpyrifos pesticide residue in tea using surface-enhanced Raman spectroscopy combined with chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 250, 119366. | 3.9 | 30 |
| 4 | Facile and rapid one-step mass production of flexible 3D porous graphene nanozyme electrode via direct laser-writing for intelligent evaluation of fish freshness. Microchemical Journal, 2021, 162, 105855. | 4.5 | 28 |
| 5 | A novel strategy of near-infrared spectroscopy dimensionality reduction for discrimination of grades, varieties and origins of green tea. Vibrational Spectroscopy, 2019, 105, 102984. | 2.2 | 24 |
| 6 | An emerging machine learning strategy for the assisted-design of high-performance supercapacitor materials by mining the relationship between capacitance and structural features of porous carbon. Journal of Electroanalytical Chemistry, 2021, 899, 115684. | 3.8 | 22 |
| 7 | Local tangent space alignment and relevance vector machine as nonlinear methods for estimating sensory quality of tea using NIR spectroscopy. Vibrational Spectroscopy, 2019, 103, 102923. | 2.2 | 21 |
| 8 | A portable wireless intelligent electrochemical sensor based on layer-by-layer sandwiched nanohybrid for terbutaline in meat products. Food Chemistry, 2022, 371, 131140. | 8.2 | 15 |
| 9 | Green preparation of amorphous molybdenum sulfide nanocomposite with biochar microsphere and its voltametric sensing platform for smart analysis of baicalin. Journal of Electroanalytical Chemistry, 2021, 898, 115591. | 3.8 | 14 |
| 10 | Multiwalled Carbon Nanotube-N-Doped Graphene/Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) Nanohybrid for Electrochemical Application in Intelligent Sensors and Supercapacitors. ACS Omega, 2020, 5, 28452-28462. | 3.5 | 13 |
| 11 | A stable nanosilver decorated phosphorene nanozyme with phosphorus-doped porous carbon microsphere for intelligent sensing of 8-hydroxy-2′-deoxyguanosine. Journal of Electroanalytical Chemistry, 2021, 895, 115522. | 3.8 | 8 |