Peng Liu

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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