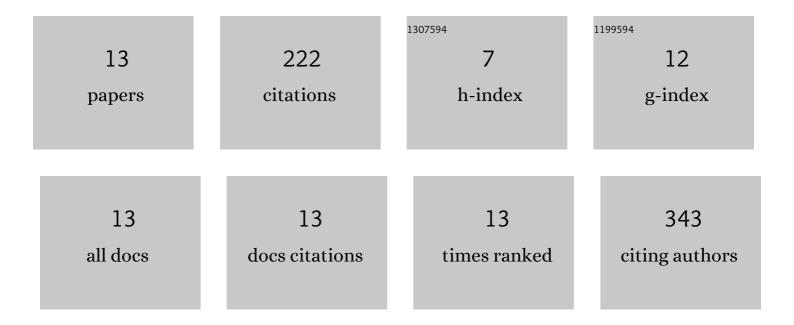
## Xiaoping Wang

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Quantitative analysis of adulteration of extra virgin olive oil using Raman spectroscopy improved by<br>Bayesian framework least squares support vector machines. Analytical Methods, 2012, 4, 2772.                             | 2.7 | 57        |
| 2  | REVIEW: ADVANCES AND APPLICATIONS OF SURFACE PLASMON RESONANCE BIOSENSING INSTRUMENTATION. Instrumentation Science and Technology, 2013, 41, 574-607.  | 1.8 | 41        |
| 3  | Rapid prediction of fatty acid composition of vegetable oil by Raman spectroscopy coupled with least squares support vector machines. Journal of Raman Spectroscopy, 2013, 44, 1739-1745.  | 2.5 | 38        |
| 4  | Optimization methodology for structural multiparameter surface plasmon resonance sensors in<br>different modulation modes based on particle swarm optimization. Optics Communications, 2019, 431,<br>142-150.                    | 2.1 | 24        |
| 5  | Indirect Inhibitive Immunoassay for Estradiol Using Surface Plasmon Resonance Coupled to Online<br>In-Tube SPME. Analytical Letters, 2009, 42, 2758-2773.  | 1.8 | 14        |
| 6  | Improved polarization contrast method for surface plasmon resonance imaging sensors by inert background gold film extinction. Optics Communications, 2015, 346, 1-9.   | 2.1 | 12        |
| 7  | Theoretical analysis of metamaterial-gold auxiliary grating sensing structure for surface plasmon resonance sensing application based on polarization control method. Optics Communications, 2017, 405, 343-349.                 | 2.1 | 11        |
| 8  | High-performance polarization control modulated surface plasmon resonance sensor based on<br>monolayer graphene/Au-NPs architecture for detection of DNA hybridization. Measurement Science<br>and Technology, 2019, 30, 125701. | 2.6 | 8         |
| 9  | STUDY ON THE PERFORMANCE PROMOTION OF THE SURFACE PLASMON RESONANCE ANALYTICAL SYSTEM.<br>Instrumentation Science and Technology, 2012, 40, 226-237.   | 1.8 | 6         |
| 10 | Study on intensity-modulated surface plasmon resonance array sensor based on polarization control. , 2010, , .   |     | 4         |
| 11 | Layer analysis of axial spatial distribution of surface plasmon resonance sensing. Analytica Chimica<br>Acta, 2020, 1136, 141-150.   | 5.4 | 3         |
| 12 | A MINIATURE SURFACE PLASMON RESONANCE BIOANALYTICAL SYSTEM FOR FIELD DETECTION OF MICROCYSTIN-LR IN SURFACE WATER. Instrumentation Science and Technology, 2011, 39, 462-474.  | 1.8 | 2         |
| 13 | Absolute measurement system for low electrolytic conductivity of aqueous solutions based on van<br>der Pauw's theory using a flow-through cell. Accreditation and Quality Assurance, 2014, 19, 433-438.                          | 0.8 | 2         |