

# Jianhong Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

247  
citations

1163117

8  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

239  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Laser-induced Breakdown spectroscopy quantitative analysis method via adaptive analytical line selection and relevance vector machine regression model. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 107, 45-55.                       | 2.9 | 32        |
| 2  | Localization algorithm in wireless sensor networks based on semi-supervised manifold learning and its application. Cluster Computing, 2010, 13, 435-446.  | 5.0 | 30        |
| 3  | High temperature strain measurement method by combining digital image correlation of laser speckle and improved RANSAC smoothing algorithm. Optics and Lasers in Engineering, 2018, 111, 8-18.  | 3.8 | 29        |
| 4  | Quality assessment of laser speckle patterns for digital image correlation by a Multi-Factor Fusion Index. Optics and Lasers in Engineering, 2020, 124, 105822.   | 3.8 | 28        |
| 5  | A Calibration-Free Laser-Induced Breakdown Spectroscopy (CF-LIBS) Quantitative Analysis Method Based on the Auto-Selection of an Internal Reference Line and Optimized Estimation of Plasma Temperature. Applied Spectroscopy, 2018, 72, 129-140. | 2.2 | 27        |
| 6  | An LIBS quantitative analysis method for alloy steel at high temperature based on transfer learning. Journal of Analytical Atomic Spectrometry, 2018, 33, 1184-1195.  | 3.0 | 27        |
| 7  | A laser induced breakdown spectroscopy quantitative analysis method based on the robust least squares support vector machine regression model. Journal of Analytical Atomic Spectrometry, 2015, 30, 1541-1551.                                    | 3.0 | 20        |
| 8  | Assessment of the performance of quantitative feature-based transfer learning LIBS analysis of chromium in high temperature alloy steel samples. Journal of Analytical Atomic Spectrometry, 2020, 35, 2639-2648.                                  | 3.0 | 14        |
| 9  | Semi-supervised LIBS quantitative analysis method based on co-training regression model with selection of effective unlabeled samples. Plasma Science and Technology, 2019, 21, 034015.   | 1.5 | 8         |
| 10 | LIBS quantitative analysis for vanadium slags based on selective ensemble learning. Journal of Analytical Atomic Spectrometry, 2019, 34, 1135-1144.   | 3.0 | 7         |
| 11 | A novel weighted clustering algorithm in mobile ad hoc networks using discrete particle swarm optimization (DPSOWCA). International Journal of Network Management, 2010, 20, 71-84.   | 2.2 | 6         |
| 12 | Repeatability enhancing method for one-shot LIBS analysis via spectral intensity correction based on probability distribution. Journal of Analytical Atomic Spectrometry, 2021, 36, 1712-1723.  | 3.0 | 4         |
| 13 | A LIBS quantitative analysis method for samples with changing temperature via functional data analysis. Journal of Analytical Atomic Spectrometry, 2021, 36, 1007-1017.   | 3.0 | 3         |
| 14 | Dynamic measurement of amnion thickness during loading by speckle pattern interferometry. Placenta, 2021, 104, 284-294.   | 1.5 | 3         |
| 15 | Method for EEG Feature Extraction Based on Morphological Pattern Spectrum. , 2009, , .  |     | 2         |
| 16 | Research on auto-identification method to the typical bowel sound signal. , 2011, , .   |     | 2         |
| 17 | Digital image correlation with topology-based matching algorithm on dots pattern and its application in large deformation measurement of nitrile-butadiene rubber. Measurement Science and Technology, 2021, 32, 105026.                          | 2.6 | 2         |
| 18 | In-situ 3D shape measurement system for a high-temperature object in a plasma wind tunnel via DMD-projection laser structured light and adaptive speckle filtering. Measurement Science and Technology, 2022, 33, 095004.                         | 2.6 | 2         |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Image denoising based on adaptive sparse representation. , 2010, , .                                  |    | 1         |
| 20 | Gear fault pattern recognition based on atomic decomposition and Support Vector Machines. , 2010, , . |    | 0         |
| 21 | Impact analyzing based on new method of phase space reconstruction. , 2013, , .                       |    | 0         |