

Loong Chuen Lee

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3901403/loong-chuen-lee-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

398
citations

7
h-index

19
g-index

31
ext. papers

554
ext. citations

2.4
avg, IF

4.47
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 24 | Partial least squares-discriminant analysis (PLS-DA) for classification of high-dimensional (HD) data: a review of contemporary practice strategies and knowledge gaps. <i>Analyst, The</i> , 2018 , 143, 3526-3539 | 5 | 219 |
| 23 | A contemporary review on Data Preprocessing (DP) practice strategy in ATR-FTIR spectrum. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 163, 64-75 | 3.8 | 72 |
| 22 | Validity of the best practice in splitting data for hold-out validation strategy as performed on the ink strokes in the context of forensic science. <i>Microchemical Journal</i> , 2018 , 139, 125-133 | 4.8 | 14 |
| 21 | Iterative random vs. Kennard-Stone sampling for IR spectrum-based classification task using PLS2-DA 2018 , | | 13 |
| 20 | Effects of data pre-processing methods on classification of ATR-FTIR spectra of pen inks using partial least squares-discriminant analysis (PLS-DA). <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018 , 182, 90-100 | 3.8 | 13 |
| 19 | Predictive modelling of colossal ATR-FTIR spectral data using PLS-DA: empirical differences between PLS1-DA and PLS2-DA algorithms. <i>Analyst, The</i> , 2019 , 144, 2670-2678 | 5 | 12 |
| 18 | On overview of PCA application strategy in processing high dimensionality forensic data. <i>Microchemical Journal</i> , 2021 , 169, 106608 | 4.8 | 8 |
| 17 | Comparison of several variants of principal component analysis (PCA) on forensic analysis of paper based on IR spectrum 2016 , | | 7 |
| 16 | Q-mode versus R-mode principal component analysis for linear discriminant analysis (LDA) 2017 , | | 5 |
| 15 | Statistical discrimination of black ballpoint pen inks using ultra-performance liquid chromatography with principal component analysis. <i>Journal of Analytical Chemistry</i> , 2015 , 70, 374-377 | 1.1 | 5 |
| 14 | Applying Fourier-Transform Infrared Spectroscopy and Self-Organizing Maps for Forensic Classification of White-Copy Papers. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2016 , 6, 1033 | 1.6 | 5 |
| 13 | Nondestructive classification and identification of ballpoint pen inks by Raman spectroscopy for forensic document examinations. <i>Journal of Analytical Chemistry</i> , 2016 , 71, 723-729 | 1.1 | 5 |
| 12 | A comparison between univariate and multivariate statistical techniques to determine source of pen inks using ultra-performance liquid chromatography (UPLC) chromatograms. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021 , 44, 1-11 | 1.3 | 4 |
| 11 | Statistical comparison of decision rules in PLS2-DA prediction model for classification of blue gel pen inks according to pen brand and pen model. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019 , 184, 94-101 | 3.8 | 4 |
| 10 | Forensic differentiation of paper by ATR-FTIR spectroscopy technique and partial least-squares-discriminant analysis (PLS-DA) 2016 , | | 3 |
| 9 | Correspondence. <i>Applied Spectroscopy</i> , 2016 , 70, 1598-601 | 3.1 | 2 |
| 8 | Effects of scatter-correction pre-processing methods and spectral derivative algorithms on forensic classification of paper 2016 , | | 2 |

| | | | |
|---|---|-----|---|
| 7 | Forensic profiling of non-volatile organic compounds in soil using ultra-performance liquid chromatography: a pilot study. <i>Forensic Sciences Research</i> ,1-13 | 3.6 | 2 |
| 6 | The effects of column-wise manipulations on accuracy of classical classifiers with high-dimensional spectral data 2017 , | | 1 |
| 5 | A Study to Explore Discriminative Power of Attenuated Total Reflectance-Fourier Transform Infrared Spectroscopy for Forensic Paper Analysis Using Decision Tree Method. <i>Journal of Analytical Chemistry</i> , 2021 , 76, 95-101 | 1.1 | 1 |
| 4 | Comparison Between Self-organizing Maps and Principal Component Analysis for Assessment of Temporal Variations of Air Pollutants. <i>Algorithms for Intelligent Systems</i> , 2021 , 855-866 | 0.5 | |
| 3 | Prediction of the Geographical Origin of Soils Using Ultra-Performance Liquid Chromatography (UPLC) Fingerprinting and K-Nearest Neighbor (K-NN). <i>Algorithms for Intelligent Systems</i> , 2022 , 47-56 | 0.5 | |
| 2 | Evaluation of Row-wise Manipulations for the Forensic Differentiation of Malaysian Soils based on Ultra-performance Liquid Chromatographic Profiles. <i>Journal of Analytical Chemistry</i> , 2022 , 77, 347-360 | 1.1 | |
| 1 | Assessment of the Spatial Variability of Air Pollutant Concentrations at Industrial Background Stations in Malaysia Using Self-organizing Map (SOM). <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 291-304 | 0.4 | |