

# Michel Anzanello

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,083  
citations

448610

19  
h-index

511568

30  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1242  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                          | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Text mining approach to explore dimensions of airline customer satisfaction using online customer reviews. <i>Journal of Air Transport Management</i> , 2020, 83, 101760.                                                        | 2.4 | 112       |
| 2  | Text mining approach to predict hospital admissions using early medical records from the emergency department. <i>International Journal of Medical Informatics</i> , 2017, 100, 1-8.                                             | 1.6 | 92        |
| 3  | Learning curve modelling of work assignment in mass customized assembly lines. <i>International Journal of Production Research</i> , 2007, 45, 2919-2938.                                                                        | 4.9 | 62        |
| 4  | Simultaneous identification of low-molecular weight phenolic and nitrogen compounds in craft beers by HPLC-ESI-MS/MS. <i>Food Chemistry</i> , 2019, 286, 113-122.                                                                | 4.2 | 58        |
| 5  | Counterfeit Cialis and Viagra fingerprinting by ATR-FTIR spectroscopy with chemometry: Can the same pharmaceutical powder mixture be used to falsify two medicines?. <i>Forensic Science International</i> , 2013, 226, 282-289. | 1.3 | 54        |
| 6  | Making the value flow: application of value stream mapping in a Brazilian public healthcare organisation. <i>Total Quality Management and Business Excellence</i> , 2017, 28, 1544-1558.                                         | 2.4 | 52        |
| 7  | Selecting the best clustering variables for grouping mass-customized products involving workers' learning. <i>International Journal of Production Economics</i> , 2011, 130, 268-276.                                            | 5.1 | 48        |
| 8  | Selecting the best variables for classifying production batches into two quality levels. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 97, 111-117.                                                             | 1.8 | 39        |
| 9  | Multicriteria variable selection for classification of production batches. <i>European Journal of Operational Research</i> , 2012, 218, 97-105.                                                                                  | 3.5 | 29        |
| 10 | A learning curve-based method to implement multifunctional work teams in the Brazilian footwear sector. <i>Applied Ergonomics</i> , 2012, 43, 541-547.                                                                           | 1.7 | 28        |
| 11 | Selecting relevant Fourier transform infrared spectroscopy wavenumbers for clustering authentic and counterfeit drug samples. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 363-368.          | 1.3 | 27        |
| 12 | A multivariate-based wavenumber selection method for classifying medicines into authentic or counterfeit classes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 83, 209-214.                                  | 1.4 | 25        |
| 13 | Lean manufacturing implementation, context and behaviors of multi-level leadership. <i>Journal of Manufacturing Technology Management</i> , 2017, 28, 867-891.                                                                   | 3.3 | 25        |
| 14 | Data mining-based method for identifying discriminant attributes in sensory profiling. <i>Food Quality and Preference</i> , 2011, 22, 139-148.                                                                                   | 2.3 | 24        |
| 15 | Element selection and concentration analysis for classifying South America wine samples according to the country of origin. <i>Computers and Electronics in Agriculture</i> , 2018, 150, 33-40.                                  | 3.7 | 24        |
| 16 | Support vector regression coupled with wavelength selection as a robust analytical method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 172, 167-173.                                                          | 1.8 | 23        |
| 17 | Decision Support for Breast Cancer Detection: Classification Improvement Through Feature Selection. <i>Cancer Control</i> , 2019, 26, 107327481987659.                                                                           | 0.7 | 21        |
| 18 | A framework for selecting analytical techniques in profiling authentic and counterfeit Viagra and Cialis. <i>Forensic Science International</i> , 2014, 235, 1-7.                                                                | 1.3 | 20        |

| #  | ARTICLE                                                                                                                                                                                                                                                            | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | A hierarchical classifier based on human blood plasma fluorescence for non-invasive colorectal cancer screening. <i>Artificial Intelligence in Medicine</i> , 2017, 82, 1-10.                                                                                      | 3.8 | 20        |
| 20 | Near infrared spectroscopy and element concentration analysis for assessing yerba mate ( <i>Ilex Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707</i> ) Agriculture, 2017, 140, 348-360.                                                                                   | 3.7 | 20        |
| 21 | Learning dependent job scheduling in mass customized scenarios considering ergonomic factors. <i>International Journal of Production Economics</i> , 2014, 154, 136-145.                                                                                           | 5.1 | 17        |
| 22 | Wavenumber selection method to determine the concentration of cocaine and adulterants in cocaine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 120-127.                                                                           | 1.4 | 17        |
| 23 | Comparison between counterfeit and authentic medicines: A novel approach using differential scanning calorimetry and hierarchical cluster analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 304-309.                                 | 1.4 | 17        |
| 24 | Lean-Oriented Layout Design of a Health Care Facility. <i>Quality Management in Health Care</i> , 2019, 28, 25-32.                                                                                                                                                 | 0.4 | 17        |
| 25 | Chemical profiling and classification of cannabis through electrospray ionization coupled to Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. <i>Analytical Methods</i> , 2017, 9, 4070-4081.                                         | 1.3 | 17        |
| 26 | A relational exploratory study of business incubation and smart cities - Findings from Europe. <i>Cities</i> , 2019, 88, 48-58.                                                                                                                                    | 2.7 | 15        |
| 27 | Lean-healthcare approach to reduce costs in a sterilization plant based on surgical tray rationalization. <i>Production Planning and Control</i> , 2020, 31, 483-495.                                                                                              | 5.8 | 15        |
| 28 | Discrimination of sparkling wines samples according to the country of origin by ICP-OES coupled with multivariate analysis. <i>LWT - Food Science and Technology</i> , 2020, 131, 109760.                                                                          | 2.5 | 15        |
| 29 | Multicriteria wavenumber selection in cocaine classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 562-569.                                                                                                                       | 1.4 | 13        |
| 30 | A Six Sigma Approach to Analyze Time-to-Assembly Variance of Surgical Trays in a Sterile Services Department. <i>Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality</i> , 2018, 40, e46-e53.                  | 0.3 | 12        |
| 31 | Role of the fuel stoichiometry and post-treatment temperature on the spinel inversion and magnetic properties of NiFe <sub>2</sub> O <sub>4</sub> nanoparticles produced by solution combustion synthesis. <i>Materials Research Bulletin</i> , 2021, 138, 111238. | 2.7 | 12        |
| 32 | HATR-FTIR wavenumber selection for predicting biodiesel/diesel blends flash point. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 145, 1-6.                                                                                                        | 1.8 | 11        |
| 33 | Interval importance index to select relevant ATR-FTIR wavenumber Intervals for falsified drug classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 494-503.                                                                       | 1.4 | 11        |
| 34 | PLS-DA wavenumber selection for the categorization of medicine samples based on multiple criteria. <i>Forensic Science International</i> , 2014, 242, 111-116.                                                                                                     | 1.3 | 10        |
| 35 | Surgery scheduling heuristic considering OR downstream and upstream facilities and resources. <i>BMC Health Services Research</i> , 2020, 20, 684.                                                                                                                 | 0.9 | 10        |
| 36 | A genetic algorithm-based framework for wavelength selection on sample categorization. <i>Drug Testing and Analysis</i> , 2017, 9, 1172-1181.                                                                                                                      | 1.6 | 8         |

| #  | ARTICLE                                                                                                                                                                                                   | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | A non-equidistant wavenumber interval selection approach for classifying diesel/biodiesel samples. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 167, 171-178.                           | 1.8 | 8         |
| 38 | A multivariate-based variable selection framework for clustering traffic conflicts in a brazilian freeway. <i>Accident Analysis and Prevention</i> , 2019, 132, 105269.                                   | 3.0 | 8         |
| 39 | Learning Curves. <i>Industrial Innovation Series</i> , 2011, , 3-21.                                                                                                                                      | 0.2 | 7         |
| 40 | Performance of some supervised and unsupervised multivariate techniques for grouping authentic and unauthentic Viagra and Cialis. <i>Egyptian Journal of Forensic Sciences</i> , 2014, 4, 83-89.          | 0.4 | 6         |
| 41 | Enhancing counterfeit and illicit medicines grouping via feature selection and X-ray fluorescence spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 198-205.            | 1.4 | 5         |
| 42 | Wavenumber selection based on Singular Value Decomposition for sample classification. <i>Forensic Science International</i> , 2020, 309, 110191.                                                          | 1.3 | 5         |
| 43 | The nature and role of informal resilience practices in the performance of lean production systems. <i>Journal of Manufacturing Technology Management</i> , 2022, 33, 1080-1101.                          | 3.3 | 5         |
| 44 | Ecofriendly synthesis of MWCNTs by electric arc in aqueous medium: Comparative study of 6B pencil and mineral graphite. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2357-2367. | 1.1 | 4         |
| 45 | Programa de tarefas baseada em curvas de aprendizado para linhas de produo customizadas. <i>Revista Produo Online</i> , 2011, 11, 851.                                                                    | 0.1 | 3         |
| 46 | Predictive models with endogenous variables for quality control in customized scenarios affected by multiple setups. <i>Computers and Industrial Engineering</i> , 2013, 65, 729-736.                     | 3.4 | 3         |
| 47 | Variable selection framework for allocating products to recommended replenishment models in VMI applications. <i>Journal of Advances in Management Research</i> , 2017, 14, 128-142.                      | 1.6 | 2         |
| 48 | Management of ophthalmic surgical instruments and processes optimization: mixed method study. <i>Revista Gaucha De Enfermagem / EENFUFGRS</i> , 2020, 41, e20190111.                                      | 0.2 | 2         |
| 49 | Selecting the most relevant variables towards clustering bus priority corridors. <i>Public Transport</i> , 2020, 12, 587-609.                                                                             | 1.7 | 1         |
| 50 | Clustering variables selection in Mass Customized scenarios affected by workers' learning. , 2011, , .                                                                                                    |     | 0         |
| 51 | Heurística para minimiza do atraso total de tarefas baseada em curvas de aprendizado e aspectos ergonmicos. <i>Revista Produo Online</i> , 2016, 16, 550.                                                 | 0.1 | 0         |
| 52 | Application of Monte Carlo Simulation as a tool for capacity planning strategy in a multi-level global Supply Chain focused to reduce the bullwhip effect. , 2016, , .                                    |     | 0         |