

# Michel Anzanello

## List of Publications by Year in Descending Order

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

52 papers	729 citations	16 h-index	24 g-index
56 ext. papers	918 ext. citations	4.1 avg, IF	4.46 L-index

#	Paper	IF	Citations
52	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> , <b>2021</b> , 138, 111238	5.1	6
51	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> , <b>2020</b> , 131, 109760	5.4	5
50	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> , <b>2020</b> , 17, 2357-2367	2	3
49	Wavenumber selection based on Singular Value Decomposition for sample classification. <i>Forensic Science International</i> , <b>2020</b> , 309, 110191	2.6	2
48	Management of ophthalmic surgical instruments and processes optimization: mixed method study. <i>Revista Gaucha De Enfermagem / EENFUFGRS</i> , <b>2020</b> , 41, e20190111	0.5	1
47	Text mining approach to explore dimensions of airline customer satisfaction using online customer reviews. <i>Journal of Air Transport Management</i> , <b>2020</b> , 83, 101760	5.1	42
46	Surgery scheduling heuristic considering OR downstream and upstream facilities and resources. <i>BMC Health Services Research</i> , <b>2020</b> , 20, 684	2.9	4
45	Selecting the most relevant variables towards clustering bus priority corridors. <i>Public Transport</i> , <b>2020</b> , 12, 587-609	2.1	
44	Lean-healthcare approach to reduce costs in a sterilization plant based on surgical tray rationalization. <i>Production Planning and Control</i> , <b>2020</b> , 31, 483-495	4.3	12
43	A multivariate-based variable selection framework for clustering traffic conflicts in a brazilian freeway. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 132, 105269	6.1	2
42	Decision Support for Breast Cancer Detection: Classification Improvement Through Feature Selection. <i>Cancer Control</i> , <b>2019</b> , 26, 1073274819876598	2.2	8
41	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> , <b>2019</b> , 166, 304-309	3.5	10
40	Enhancing counterfeit and illicit medicines grouping via feature selection and X-ray fluorescence spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 174, 198-205	3.5	2
39	Simultaneous identification of low-molecular weight phenolic and nitrogen compounds in craft beers by HPLC-ESI-MS/MS. <i>Food Chemistry</i> , <b>2019</b> , 286, 113-122	8.5	37
38	Lean-Oriented Layout Design of a Health Care Facility. <i>Quality Management in Health Care</i> , <b>2019</b> , 28, 25-32	1	7
37	A relational exploratory study of business incubation and smart cities - Findings from Europe. <i>Cities</i> , <b>2019</b> , 88, 48-58	5.6	9
36	Element selection and concentration analysis for classifying South America wine samples according to the country of origin. <i>Computers and Electronics in Agriculture</i> , <b>2018</b> , 150, 33-40	6.5	15

35	Wavenumber selection method to determine the concentration of cocaine and adulterants in cocaine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 152, 120-127	3.5	10
34	Support vector regression coupled with wavelength selection as a robust analytical method. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2018</b> , 172, 167-173	3.8	13
33	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> , <b>2018</b> , 40, e46-e53	1	7
32	Interval importance index to select relevant ATR-FTIR wavenumber Intervals for falsified drug classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 158, 494-503	3.5	8
31	Making the value flow: application of value stream mapping in a Brazilian public healthcare organisation. <i>Total Quality Management and Business Excellence</i> , <b>2017</b> , 28, 1544-1558	2.7	35
30	Variable selection framework for allocating products to recommended replenishment models in VMI applications. <i>Journal of Advances in Management Research</i> , <b>2017</b> , 14, 128-142	2.2	1
29	A genetic algorithm-based framework for wavelength selection on sample categorization. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 1172-1181	3.5	7
28	Text mining approach to predict hospital admissions using early medical records from the emergency department. <i>International Journal of Medical Informatics</i> , <b>2017</b> , 100, 1-8	5.3	62
27	A hierarchical classifier based on human blood plasma fluorescence for non-invasive colorectal cancer screening. <i>Artificial Intelligence in Medicine</i> , <b>2017</b> , 82, 1-10	7.4	11
26	Lean manufacturing implementation, context and behaviors of multi-level leadership. <i>Journal of Manufacturing Technology Management</i> , <b>2017</b> , 28, 867-891	7.1	20
25	A non-equidistant wavenumber interval selection approach for classifying diesel/biodiesel samples. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2017</b> , 167, 171-178	3.8	7
24	Near infrared spectroscopy and element concentration analysis for assessing yerba mate ( <i>Ilex paraguariensis</i> ) samples according to the country of origin. <i>Computers and Electronics in Agriculture</i> , <b>2017</b> , 140, 348-360	6.5	16
23	Chemical profiling and classification of cannabis through electrospray ionization coupled to Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. <i>Analytical Methods</i> , <b>2017</b> , 9, 4070-4081	3.2	13
22	Heurística para minimização do atraso total de tarefas baseada em curvas de aprendizado e aspectos ergonômicos. <i>Revista Produção Online</i> , <b>2016</b> , 16, 550	0	
21	HATR-FTIR wavenumber selection for predicting biodiesel/diesel blends flash point. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2015</b> , 145, 1-6	3.8	8
20	Multicriteria wavenumber selection in cocaine classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 115, 562-9	3.5	10
19	A framework for selecting analytical techniques in profiling authentic and counterfeit Viagra and Cialis. <i>Forensic Science International</i> , <b>2014</b> , 235, 1-7	2.6	18
18	Performance of some supervised and unsupervised multivariate techniques for grouping authentic and unauthentic Viagra and Cialis. <i>Egyptian Journal of Forensic Sciences</i> , <b>2014</b> , 4, 83-89	1.1	6

17	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> , <b>2014</b> , 54, 363-8	2	19
16	PLS-DA wavenumber selection for the categorization of medicine samples based on multiple criteria. <i>Forensic Science International</i> , <b>2014</b> , 242, 111-116	2.6	9
15	Learning dependent job scheduling in mass customized scenarios considering ergonomic factors. <i>International Journal of Production Economics</i> , <b>2014</b> , 154, 136-145	9.3	13
14	A multivariate-based wavenumber selection method for classifying medicines into authentic or counterfeit classes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 83, 209-14	3.5	23
13	Predictive models with endogenous variables for quality control in customized scenarios affected by multiple setups. <i>Computers and Industrial Engineering</i> , <b>2013</b> , 65, 729-736	6.4	2
12	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> , <b>2013</b> , 226, 282-9	2.6	47
11	Multicriteria variable selection for classification of production batches. <i>European Journal of Operational Research</i> , <b>2012</b> , 218, 97-105	5.6	25
10	A learning curve-based method to implement multifunctional work teams in the Brazilian footwear sector. <i>Applied Ergonomics</i> , <b>2012</b> , 43, 541-7	4.2	24
9	Data mining-based method for identifying discriminant attributes in sensory profiling. <i>Food Quality and Preference</i> , <b>2011</b> , 22, 139-148	5.8	17
8	Programa de tarefas baseada em curvas de aprendizado para linhas de produo customizadas. <i>Revista Produo Online</i> , <b>2011</b> , 11, 851	0	3
7	Feature Extraction and Feature Selection: A Survey of Methods in Industrial Applications <b>2011</b> ,		1
6	Selecting the best clustering variables for grouping mass-customized products involving workers' learning. <i>International Journal of Production Economics</i> , <b>2011</b> , 130, 268-276	9.3	39
5	Learning Curves. <i>Industrial Innovation Series</i> , <b>2011</b> , 3-21		5
4	Selecting Relevant Clustering Variables in Mass Customization Scenarios Characterized by Workers' Learning. <i>Springer Series in Advanced Manufacturing</i> , <b>2011</b> , 291-304	0.9	2
3	Job Scheduling in Customized Assembly Lines Affected by Workers' Learning. <i>Industrial Innovation Series</i> , <b>2011</b> , 333-347		
2	Selecting the best variables for classifying production batches into two quality levels. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2009</b> , 97, 111-117	3.8	31
1	Learning curve modelling of work assignment in mass customized assembly lines. <i>International Journal of Production Research</i> , <b>2007</b> , 45, 2919-2938	7.8	52