Michel Anzanello

List of Publications by Year
in descending order

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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	The nature and role of informal resilience practices in the performance of lean production systems. Journal of Manufacturing Technology Management, 2022, 33, 1080-1101.	3.3	5
2	Role of the fuel stoichiometry and post-treatment temperature on the spinel inversion and magnetic properties of NiFe2O4 nanoparticles produced by solution combustion synthesis. Materials Research Bulletin, 2021, 138, 111238.	2.7	12
3	Lean-healthcare approach to reduce costs in a sterilization plant based on surgical tray rationalization. Production Planning and Control, 2020, 31, 483-495.	5.8	15
4	Text mining approach to explore dimensions of airline customer satisfaction using online customer reviews. Journal of Air Transport Management, 2020, 83, 101760.	2.4	112
5	Surgery scheduling heuristic considering OR downstream and upstream facilities and resources. BMC Health Services Research, 2020, 20, 684.	0.9	10
6	Selecting the most relevant variables towards clustering bus priority corridors. Public Transport, 2020, 12, 587-609.	1.7	1
7	Discrimination of sparkling wines samples according to the country of origin by ICP-OES coupled with multivariate analysis. LWT - Food Science and Technology, 2020, 131, 109760.	2.5	15
8	Ecofriendly synthesis of MWCNTs by electric arc in aqueous medium: Comparative study of 6B pencil and mineral graphite. International Journal of Applied Ceramic Technology, 2020, 17, 2357-2367.	1.1	4
9	Wavenumber selection based on Singular Value Decomposition for sample classification. Forensic Science International, 2020, 309, 110191.	1.3	5
10	Management of ophthalmic surgical instruments and processes optimization: mixed method study. Revista Gaucha De Enfermagem / EENFUFRGS, 2020, 41, e20190111.	0.2	2
11	A multivariate-based variable selection framework for clustering traffic conflicts in a brazilian freeway. Accident Analysis and Prevention, 2019, 132, 105269.	3.0	8
12	Decision Support for Breast Cancer Detection: Classification Improvement Through Feature Selection. Cancer Control, 2019, 26, 107327481987659.	0.7	21
13	Comparison between counterfeit and authentic medicines: A novel approach using differential scanning calorimetry and hierarchical cluster analysis. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 304-309.	1.4	17
14	Enhancing counterfeit and illicit medicines grouping via feature selection and X-ray fluorescence spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 198-205.	1.4	5
15	Simultaneous identification of low-molecular weight phenolic and nitrogen compounds in craft beers by HPLC-ESI-MS/MS. Food Chemistry, 2019, 286, 113-122.	4.2	58
16	Lean-Oriented Layout Design of a Health Care Facility. Quality Management in Health Care, 2019, 28, 25-32.	0.4	17
17	A relational exploratory study of business incubation and smart cities - Findings from Europe. Cities, 2019, 88, 48-58.	2.7	15
18	Element selection and concentration analysis for classifying South America wine samples according to the country of origin. Computers and Electronics in Agriculture, 2018, 150, 33-40.	3.7	24

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19	Wavenumber selection method to determine the concentration of cocaine and adulterants in cocaine samples. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 120-127.	1.4	17
20	Support vector regression coupled with wavelength selection as a robust analytical method. Chemometrics and Intelligent Laboratory Systems, 2018, 172, 167-173.	1.8	23
21	A Six Sigma Approach to Analyze Time-to-Assembly Variance of Surgical Trays in a Sterile Services Department. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2018, 40, e46-e53.	0.3	12
22	Interval importance index to select relevant ATR-FTIR wavenumber Intervals for falsified drug classification. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 494-503.	1.4	11
23	Making the value flow: application of value stream mapping in a Brazilian public healthcare organisation. Total Quality Management and Business Excellence, 2017, 28, 1544-1558.	2.4	52
24	Variable selection framework for allocating products to recommended replenishment models in VMI applications. Journal of Advances in Management Research, 2017, 14, 128-142.	1.6	2
25	A genetic algorithmâ€based framework for wavelength selection on sample categorization. Drug Testing and Analysis, 2017, 9, 1172-1181.	1.6	8
26	Text mining approach to predict hospital admissions using early medical records from the emergency department. International Journal of Medical Informatics, 2017, 100, 1-8.	1.6	92
27	A hierarchical classifier based on human blood plasma fluorescence for non-invasive colorectal cancer screening. Artificial Intelligence in Medicine, 2017, 82, 1-10.	3.8	20
28	Lean manufacturing implementation, context and behaviors of multi-level leadership. Journal of Manufacturing Technology Management, 2017, 28, 867-891.	3.3	25
29	A non-equidistant wavenumber interval selection approach for classifying diesel/biodiesel samples. Chemometrics and Intelligent Laboratory Systems, 2017, 167, 171-178.	1.8	8
30	Near infrared spectroscopy and element concentration analysis for assessing yerba mate (Ilex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Agriculture, 2017, 140, 348-360.	3.7	20
31	Chemical profiling and classification of cannabis through electrospray ionization coupled to Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. Analytical Methods, 2017, 9, 4070-4081.	1.3	17
32	HeurÃstica para minimizaÃ§Ã£o do atraso total de tarefas baseada em curvas de aprendizado e aspectos ergonÃ´micos. Revista ProduÃ§Ã£o Online, 2016, 16, 550.	0.1	0
33	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
34	HATRâ€"FTIR wavenumber selection for predicting biodiesel/diesel blends flash point. Chemometrics and Intelligent Laboratory Systems, 2015, 145, 1-6.	1.8	11
35	Multicriteria wavenumber selection in cocaine classification. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 562-569.	1.4	13
36	PLS-DA wavenumber selection for the categorization of medicine samples based on multiple criteria. Forensic Science International, 2014, 242, 111-116.	1.3	10

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37	Learning dependent job scheduling in mass customized scenarios considering ergonomic factors. International Journal of Production Economics, 2014, 154, 136-145.	5.1	17
38	A framework for selecting analytical techniques in profiling authentic and counterfeit Viagra and Cialis. Forensic Science International, 2014, 235, 1-7.	1.3	20
39	Performance of some supervised and unsupervised multivariate techniques for grouping authentic and unauthentic Viagra and Cialis. Egyptian Journal of Forensic Sciences, 2014, 4, 83-89.	0.4	6
40	Selecting relevant Fourier transform infrared spectroscopy wavenumbers for clustering authentic and counterfeit drug samples. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 363-368.	1.3	27
41	A multivariate-based wavenumber selection method for classifying medicines into authentic or counterfeit classes. Journal of Pharmaceutical and Biomedical Analysis, 2013, 83, 209-214.	1.4	25
42	Predictive models with endogenous variables for quality control in customized scenarios affected by multiple setups. Computers and Industrial Engineering, 2013, 65, 729-736.	3.4	3
43	Counterfeit Cialis and Viagra fingerprinting by ATR-FTIR spectroscopy with chemometry: Can the same pharmaceutical powder mixture be used to falsify two medicines?. Forensic Science International, 2013, 226, 282-289.	1.3	54
44	A learning curve-based method to implement multifunctional work teams in the Brazilian footwear sector. Applied Ergonomics, 2012, 43, 541-547.	1.7	28
45	Multicriteria variable selection for classification of production batches. European Journal of Operational Research, 2012, 218, 97-105.	3.5	29
46	Clustering variables selection in Mass Customized scenarios affected by workers' learning. , 2011, , .		0
47	Data mining-based method for identifying discriminant attributes in sensory profiling. Food Quality and Preference, 2011, 22, 139-148.	2.3	24
48	ProgramaÃ§Ã£o de tarefas baseada em curvas de aprendizado para linhas de produÃ§Ã£o customizadas. Revista ProduÃ§Ã£o Online, 2011, 11, 851.	0.1	3
49	Selecting the best clustering variables for grouping mass-customized products involving workers' learning. International Journal of Production Economics, 2011, 130, 268-276.	5.1	48
50	Learning Curves. Industrial Innovation Series, 2011, , 3-21.	0.2	7
51	Selecting the best variables for classifying production batches into two quality levels. Chemometrics and Intelligent Laboratory Systems, 2009, 97, 111-117.	1.8	39
52	Learning curve modelling of work assignment in mass customized assembly lines. International Journal of Production Research, 2007, 45, 2919-2938.	4.9	62