Marco S Reis

List of Publications by Year
in descending order

150 papers	2,577 citations	257101 24 h-index	253896 43 g-index
152 all docs	152 docs citations	152 times ranked	1935 citing authors

#	Article	IF	Citations
1	Industrial Process Monitoring in the Big Data/Industry 4.0 Era: from Detection, to Diagnosis, to Prognosis. Processes, 2017, 5, 35.	1.3	180
2	How Can SMEs Benefit from Big Data? Challenges and a Path Forward. Quality and Reliability Engineering International, 2016, 32, 2151-2164.	1.4	134
3	Fault detection in the Tennessee Eastman benchmark process using dynamic principal components analysis based on decorrelated residuals (DPCA-DR). Chemometrics and Intelligent Laboratory Systems, 2013, 125, 101-108.	1.8	128
4	Recent trends on hybrid modeling for Industry 4.0. Computers and Chemical Engineering, 2021, 151, 107365.	2.0	110
5	Quality by design in pharmaceutical manufacturing: A systematic review of current status, challenges and future perspectives. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 147, 19-37.	2.0	107
6	A systematic comparison of PCAâ€based Statistical Process Monitoring methods for highâ€dimensional, timeâ€dependent Processes. AICHE Journal, 2016, 62, 1478-1493.	1.8	86
7	Defining the structure of DPCA models and its impact on process monitoring and prediction activities. Chemometrics and Intelligent Laboratory Systems, 2013, 125, 74-86.	1.8	71
8	Advantage of Using Decorrelated Residuals in Dynamic Principal Component Analysis for Monitoring Large-Scale Systems. Industrial & Engineering Chemistry Research, 2013, 52, 13685-13698.	1.8	57
9	Madeira wine ageing prediction based on different analytical techniques: UVâ€“vis, GC-MS, HPLC-DAD. Chemometrics and Intelligent Laboratory Systems, 2011, 105, 43-55.	1.8	55
10	Data-driven methods for batch data analysis â€“ A critical overview and mapping on the complexity scale. Computers and Chemical Engineering, 2019, 124, 1-13.	2.0	52
11	Analysis and assessment of Madeira wine ageing over an extended time period through GCâ€“MS and chemometric analysis. Analytica Chimica Acta, 2010, 660, 8-21.	2.6	49
12	Translation-Invariant Multiscale Energy-Based PCA for Monitoring Batch Processes in Semiconductor Manufacturing. IEEE Transactions on Automation Science and Engineering, 2017, 14, 894-904.	3.4	45
13	Multiscale statistical process control using wavelet packets. AICHE Journal, 2008, 54, 2366-2378.	1.8	42
14	Multiscale statistical process control with multiresolution data. AICHE Journal, 2006, 52, 2107-2119.	1.8	41
15	Wavelet texture analysis of on-line acquired images for paper formation assessment and monitoring. Chemometrics and Intelligent Laboratory Systems, 2009, 95, 129-137.	1.8	41
16	Assessing the value of information of dataâ€centric activities in the chemical processing industry 4.0. AICHE Journal, 2018, 64, 3868-3881.	1.8	39
17	Aroma ageing trends in GC/MS profiles of liqueur wines. Analytica Chimica Acta, 2010, 659, 93-101.	2.6	33
18	A comparative study of linear regression methods in noisy environments. Journal of Chemometrics, 2004, 18, 526-536.	0.7	32

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19	Quality Control of Food Products using Image Analysis and Multivariate Statistical Tools. Industrial & Engineering Chemistry Research, 2009, 48, 988-998.	1.8	31
20	Integration of data uncertainty in linear regression and process optimization. AIChE Journal, 2005, 51, 3007-3019.	1.8	29
21	A multiscale empirical modeling framework for system identification. Journal of Process Control, 2009, 19, 1546-1557.	1.7	29
22	Data preprocessing for multiblock modelling â€“ A systematization with new methods. Chemometrics and Intelligent Laboratory Systems, 2020, 199, 103959.	1.8	29
23	Multiscale Statistical Process Control of Paper Surface Profiles. Quality Technology and Quantitative Management, 2006, 3, 263-281.	1.1	26
24	Sensitivity enhancing transformations for monitoring the process correlation structure. Journal of Process Control, 2014, 24, 905-915.	1.7	26
25	A comparison of advanced regression techniques for predicting ship CO₂ emissions. Quality and Reliability Engineering International, 2017, 33, 1281-1292.	1.4	25
26	Assessment and Prediction of Lubricant Oil Properties Using Infrared Spectroscopy and Advanced Predictive Analytics. Energy & Fuels, 2017, 31, 179-187.	2.5	24
27	Optimal design of experiments applied to headspace solid phase microextraction for the quantification of vicinal diketones in beer through gas chromatography-mass spectrometric detection. Analytica Chimica Acta, 2015, 887, 101-110.	2.6	23
28	Multiresolution Soft Sensors: A New Class of Model Structures for Handling Multiresolution Data. Industrial & Engineering Chemistry Research, 2017, 56, 3640-3654.	1.8	23
29	Heteroscedastic latent variable modelling with applications to multivariate statistical process control. Chemometrics and Intelligent Laboratory Systems, 2006, 80, 57-66.	1.8	22
30	Markovian and Non-Markovian sensitivity enhancing transformations for process monitoring. Chemical Engineering Science, 2017, 163, 223-233.	1.9	22
31	Advanced predictive methods for wine age prediction: Part II â€“ A comparison study of multiblock regression approaches. Talanta, 2017, 171, 132-142.	2.9	22
32	Incorporation of process-specific structure in statistical process monitoring: A review. Journal of Quality Technology, 2019, 51, 407-421.	1.8	22
33	Multiscale and Multi-Granularity Process Analytics: A Review. Processes, 2019, 7, 61.	1.3	22
34	On-line process monitoring using local measures of association: Part I â€” Detection performance. Chemometrics and Intelligent Laboratory Systems, 2015, 142, 255-264.	1.8	21
35	On-line process monitoring using local measures of association. Part II: Design issues and fault diagnosis. Chemometrics and Intelligent Laboratory Systems, 2015, 142, 265-275.	1.8	21
36	Development of a fast and reliable method for long- and short-term wine age prediction. Talanta, 2011, 86, 293-304.	2.9	20

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37	Challenges in the Specification and Integration of Measurement Uncertainty in the Development of Data-Driven Models for the Chemical Processing Industry. Industrial & Engineering Chemistry Research, 2015, 54, 9159-9177.	1.8	20
38	A Systematic Methodology for Comparing Batch Process Monitoring Methods: Part Iâ€"Assessing Detection Strength. Industrial & Engineering Chemistry Research, 2016, 55, 5342-5358.	1.8	20
39	A Unifying and Integrated Framework for Feature Oriented Analysis of Batch Processes. Industrial & Engineering Chemistry Research, 2017, 56, 8590-8605.	1.8	20
40	Finding the optimal time resolution for batch-end quality prediction: MRQP â€" A framework for multi-resolution quality prediction. Chemometrics and Intelligent Laboratory Systems, 2018, 172, 150-158.	1.8	20
41	Retrospective Quality by Design (rQbD) applied to the optimization of orodispersible films. International Journal of Pharmaceutics, 2017, 528, 655-663.	2.6	19
42	Design of Experiments: A comparison study from the nonâ€expert user's perspective. Journal of Chemometrics, 2019, 33, e3087.	0.7	19
43	Generalized Multiresolution Decomposition Frameworks for the Analysis of Industrial Data with Uncertainty and Missing Values. Industrial & Engineering Chemistry Research, 2006, 45, 6330-6338.	1.8	18
44	Denoising and Signal-to-Noise Ratio Enhancement: Wavelet Transform and Fourier Transform. , 2009, , 25-55.		18
45	Networkâ€induced supervised learning: Networkâ€induced classification (<scp>NIâ€C</scp>) and networkâ€induced regression (<scp>NIâ€R</scp>). AICHE Journal, 2013, 59, 1570-1587.	1.8	18
46	Multiscale and megavariate monitoring of the process networked structure: M2NET. Journal of Chemometrics, 2015, 29, 309-322.	0.7	18
47	Advanced predictive methods for wine age prediction: Part I â€" A comparison study of single-block regression approaches based on variable selection, penalized regression, latent variables and tree-based ensemble methods. Talanta, 2017, 171, 341-350.	2.9	18
48	Building Optimal Multiresolution Soft Sensors for Continuous Processes. Industrial & Engineering Chemistry Research, 2018, 57, 9750-9765.	1.8	18
49	Image-based manufacturing analytics: Improving the accuracy of an industrial pellet classification system using deep neural networks. Chemometrics and Intelligent Laboratory Systems, 2018, 180, 26-35.	1.8	18
50	Which regression method to use? Making informed decisions in â€œdata-rich/knowledge poorâ€•scenarios â€" The Predictive Analytics Comparison framework (PAC). Chemometrics and Intelligent Laboratory Systems, 2018, 181, 52-63.	1.8	18
51	Chemometric analysis of the volatile fraction evolution of Portuguese beer under shelf storage conditions. Chemometrics and Intelligent Laboratory Systems, 2015, 142, 131-142.	1.8	17
52	Evaluation of the presence of major anionic surfactants in marine sediments. Marine Pollution Bulletin, 2012, 64, 587-594.	2.3	16
53	Parameter selection guidelines for adaptive PCAâ€based control charts. Journal of Chemometrics, 2016, 30, 163-176.	0.7	16
54	Prediction of Profiles in the Process Industries. Industrial & Engineering Chemistry Research, 2012, 51, 4254-4266.	1.8	15

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55	An integrated multiresolution framework for quality prediction and process monitoring in batch processes. Journal of Manufacturing Systems, 2020, 57, 198-216.	7.6	15
56	Predictive analytics in the petrochemical industry: Research Octane Number (RON) forecasting and analysis in an industrial catalytic reforming unit. Computers and Chemical Engineering, 2020, 139, 106912.	2.0	15
57	Modelling the ageing process: A novel strategy to analyze the wine evolution towards the expected features. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 176-184.	1.8	14
58	A structured overview on the use of computational simulators for teaching statistical methods. Quality Engineering, 2017, 29, 730-744.	0.7	14
59	Data-centric process systems engineering: A push towards PSE 4.0. Computers and Chemical Engineering, 2021, 155, 107529.	2.0	14
60	Paper superficial waviness: Conception and implementation of an industrial statistical measurement system. Analytica Chimica Acta, 2005, 544, 135-142.	2.6	13
61	Evaluation of Linear Alkylbenzene Sulfonate (LAS) behaviour in agricultural soil through laboratory continuous studies. Chemosphere, 2015, 131, 1-8.	4.2	13
62	Definitive Screening Designs and latent variable modelling for the optimization of solid phase microextraction (SPME): Case study - Quantification of volatile fatty acids in wines. Chemometrics and Intelligent Laboratory Systems, 2018, 179, 73-81.	1.8	13
63	SS-DAC: A systematic framework for selecting the best modeling approach and pre-processing for spectroscopic data. Computers and Chemical Engineering, 2019, 128, 437-449.	2.0	13
64	Image-based classification of paper surface quality using wavelet texture analysis. Computers and Chemical Engineering, 2010, 34, 2014-2021.	2.0	12
65	Analysis and Classification of the Paper Surface. Industrial & Engineering Chemistry Research, 2010, 49, 2493-2502.	1.8	12
66	An experimental design methodology to evaluate the importance of different parameters on flocculation by polyelectrolytes. Powder Technology, 2013, 238, 2-13.	2.1	12
67	Applications of a new empirical modelling framework for balancing model interpretation and prediction accuracy through the incorporation of clusters of functionally related variables. Chemometrics and Intelligent Laboratory Systems, 2013, 127, 7-16.	1.8	12
68	Non-causal data-driven monitoring of the process correlation structure: A comparison study with new methods. Computers and Chemical Engineering, 2014, 71, 307-322.	2.0	12
69	Assessment of co-composting process with high load of an inorganic industrial waste. Waste Management, 2017, 59, 80-89.	3.7	12
70	Wide spectrum feature selection (WiSe) for regression model building. Computers and Chemical Engineering, 2019, 121, 99-110.	2.0	11
71	First Principles Statistical Process Monitoring of High-Dimensional Industrial Microelectronics Assembly Processes. Processes, 2020, 8, 1520.	1.3	11
72	A physics-informed Run-to-Run control framework for semiconductor manufacturing. Expert Systems With Applications, 2020, 155, 113424.	4.4	11

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73	A Comparison Study of Singleâ€Scale and Multiscale Approaches for Dataâ€Driven and Modelâ€Based Online Denoising. Quality and Reliability Engineering International, 2014, 30, 935-950.	1.4	10
74	Multiresolution interval partial least squares: A framework for waveband selection and resolution optimization. Chemometrics and Intelligent Laboratory Systems, 2019, 186, 41-54.	1.8	10
75	A Structure Data-Driven Framework for Virtual Metrology Modeling. IEEE Transactions on Automation Science and Engineering, 2019, , 1-10.	3.4	9
76	Predicting ships' CO 2 emissions using featureâ€oriented methods. Applied Stochastic Models in Business and Industry, 2020, 36, 110-123.	0.9	9
77	Multi-target optimization of solid phase microextraction to analyse key flavour compounds in wort and beer. Food Chemistry, 2020, 317, 126466.	4.2	9
78	Cluster analysis of crude oils with k-means based on their physicochemical properties. Computers and Chemical Engineering, 2022, 157, 107633.	2.0	9
79	Chitosan-xanthan gum PEC-based aerogels: A chemically stable PEC in scCO2. Materials Chemistry and Physics, 2022, 287, 126294.	2.0	9
80	Different Modeling Approaches for a Heterogeneous Liquidâ^'Liquid Reaction Process. Industrial & Engineering Chemistry Research, 2005, 44, 9414-9421.	1.8	8
81	A data-driven approach for the study of coagulation phenomena in waste lubricant oils and its relevance in alkaline regeneration treatments. Science of the Total Environment, 2017, 599-600, 2054-2064.	3.9	8
82	Bayesian predictive optimization of multiple and profile response systems in the process industry: A review and extensions. Chemometrics and Intelligent Laboratory Systems, 2020, 206, 104121.	1.8	8
83	Prediction of Sugar Content in Port Wine Vintage Grapes Using Machine Learning and Hyperspectral Imaging. Processes, 2021, 9, 1241.	1.3	8
84	An integrated multiscale and multivariate image analysis framework for process monitoring of colour random textures: MSMIA. Chemometrics and Intelligent Laboratory Systems, 2015, 142, 36-48.	1.8	7
85	A Systematic Methodology for Comparing Batch Process Monitoring Methods: Part IIâ€"Assessing Detection Speed. Industrial & Engineering Chemistry Research, 2018, 57, 5338-5350.	1.8	7
86	Optimal selection of time resolution for batch data analysis. Part I: Predictive modeling. AICHE Journal, 2018, 64, 3923-3933.	1.8	7
87	Multiresponse and multiobjective latent variable optimization of modern analytical instrumentation for the quantification of chemically related families of compounds: Case studyâ€"Solidâ€phase microextraction (SPME) applied to the quantification of analytes with impact on wine aroma. Journal of Chemometrics, 2019, 33, e3103.	0.7	7
88	Macroquality measurement: world state of quality and European quality scoreboard approaches and results. Total Quality Management and Business Excellence, 2020, 31, 1060-1076.	2.4	7
89	Sensor Fusion with Irregular Sampling and Varying Measurement Delays. Industrial & Engineering Chemistry Research, 2020, 59, 2328-2340.	1.8	7
90	A Spectral AutoML approach for industrial soft sensor development: Validation in an oil refinery plant. Computers and Chemical Engineering, 2021, 150, 107324.	2.0	7

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91	Statistical Process Control of Multivariate Systems with Autocorrelation. Computer Aided Chemical Engineering, 2011, , 497-501.	0.3	6
92	A large-scale statistical process control approach for the monitoring of electronic devices assemblage. Computers and Chemical Engineering, 2012, 39, 163-169.	2.0	6
93	Establishing the optimal blocks' order in SOâ€PLS: Stepwise SOâ€PLS and alternative formulations. Journal of Chemometrics, 2018, 32, e3032.	0.7	6
94	A Systematic Framework for Assessing the Quality of Information in Data-Driven Applications for the Industry 4.0. IFAC-PapersOnLine, 2018, 51, 43-48.	0.5	6
95	Improving the sensitivity of statistical process monitoring of manifolds embedded in high-dimensional spaces: The truncated-Q statistic. Chemometrics and Intelligent Laboratory Systems, 2021, 215, 104369.	1.8	6
96	PAT soft sensors for wide range prediction of key properties of diesel fuels and blending components for the oil industry. Computers and Chemical Engineering, 2021, 153, 107449.	2.0	6
97	Wide-range and accurate modeling of linear alkylbenzene sulfonate (LAS) adsorption/desorption on agricultural soil. Chemosphere, 2015, 138, 148-155.	4.2	5
98	Optimal fusion of industrial data streams with different granularities. Computers and Chemical Engineering, 2019, 130, 106564.	2.0	5
99	A systematic PAT Soft Sensor screening and development methodology applied to the prediction of free fatty acids in industrial biodiesel production. Fuel, 2020, 282, 118800.	3.4	5
100	Data-Driven Modelling of the Complex Interaction between Flocculant Properties and Floc Size and Structure. Processes, 2020, 8, 349.	1.3	5
101	Determination of Sugar, pH, and Anthocyanin Contents in Port Wine Grape Berries through Hyperspectral Imaging: An Extensive Comparison of Linear and Non-Linear Predictive Methods. Applied Sciences (Switzerland), 2021, 11, 10319.	1.3	5
102	Machine Learning Techniques Disclose the Combined Effect of Fermentation Conditions on Yeast Mixed-Culture Dynamics and Wine Quality. Microorganisms, 2022, 10, 107.	1.6	5
103	Statistical monitoring of control loops performance: an improved historicalâ€data benchmark index. Quality and Reliability Engineering International, 2010, 26, 831-844.	1.4	4
104	Distribution models for nitrophenols in a liquid-liquid system. Chemical Engineering Science, 2018, 189, 266-276.	1.9	4
105	Sialic acids expression in newborn rat lungs: implications for pulmonary developmental biology. Acta Histochemica, 2020, 122, 151626.	0.9	4
106	Discussion: Process data streams aggregation versus product samples aggregation. Journal of Quality Technology, 2021, 53, 33-37.	1.8	4
107	Linear and Non-Linear Soft Sensors for Predicting the Research Octane Number (RON) through Integrated Synchronization, Resolution Selection and Modelling. Sensors, 2022, 22, 3734.	2.1	4
108	An extended comparison study of large scale datadriven prediction methods based on variable selection, latent variables, penalized regression and machine learning. Computer Aided Chemical Engineering, 2016, 38, 1629-1634.	0.3	3

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109	Mechanistic Modeling and Simulation for Process Data Generation. Industrial & Engineering Chemistry Research, 2019, 58, 17871-17884.	1.8	3
110	Multi-source Heterogeneous Data Fusion for Toxin Level Quantification. IFAC-PapersOnLine, 2021, 54, 67-72.	0.5	3
111	A scalable approach for the efficient segmentation of hyperspectral images. Chemometrics and Intelligent Laboratory Systems, 2021, 213, 104314.	1.8	3
112	Predicting the Lifetime of Lithium-Ion Batteries: Integrated feature extraction and modeling through sequential Unsupervised-Supervised Projections (USP). Chemical Engineering Science, 2022, 252, 117510.	1.9	3
113	Multiscale analysis and monitoring of paper surface. Computer Aided Chemical Engineering, 2006, 21, 1173-1178.	0.3	2
114	A Signal Processing Approach for Fault Detection Problem. Computer Aided Chemical Engineering, 2012, 30, 857-861.	0.3	2
115	Development of semitransparent wood-polymer composites. Journal of Vinyl and Additive Technology, 2012, 18, 95-104.	1.8	2
116	Improved Fault Diagnosis in Online Process Monitoring of Complex Networked Processes: a Data-Driven Approach. Computer Aided Chemical Engineering, 2017, 40, 1681-1686.	0.3	2
117	Advanced Predictive Modelling applied to the Chemical Stabilization of Soft Soils. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2020, , 1-33.	0.9	2
118	Data-Driven Process System Engineeringâ€“Contributions to its consolidation following the path laid down by George Stephanopoulos. Computers and Chemical Engineering, 2022, 159, 107675.	2.0	2
119	Evaluation of the Microbiological Effectiveness of Three Accessible Mask Decontamination Methods and Their Impact on Filtration, Air Permeability and Physicochemical Properties. International Journal of Environmental Research and Public Health, 2022, 19, 6567.	1.2	2
120	Multiscale latent variable analysis of industrial data. Computer Aided Chemical Engineering, 2003, 15, 1340-1345.	0.3	1
121	Integrating data uncertainty in multiresolution analysis. Computer Aided Chemical Engineering, 2005, , 1501-1506.	0.3	1
122	Multiscale SPC in the presence of multiresolution data. Computer Aided Chemical Engineering, 2006, , 1359-1364.	0.3	1
123	Using Wavelet Texture Analysis in Image-Based Classification and Statistical Process Control of Paper Surface Quality. Computer Aided Chemical Engineering, 2009, 27, 1209-1214.	0.3	1
124	Multivariate Statistical Monitoring of Wine Ageing Processes. Computer Aided Chemical Engineering, 2010, , 247-252.	0.3	1
125	Environmental monitoring study of linear alkylbenzene sulfonates and insoluble soap in Spanish sewage sludge samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 617-626.	0.9	1
126	An Extended Comparative Study of Two- and Three-Way Methodologies for the On-line Monitoring of Batch Processes. Computer Aided Chemical Engineering, 2014, 33, 517-522.	0.3	1

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127	Sorption, degradation and transport phenomena of alcohol ethoxysulfates in agricultural soils. Laboratory studies. Chemosphere, 2017, 171, 661-670.	4.2	1
128	VIRTUAL METROLOGY MODELING BASED ON GAUSSIAN BAYESIAN NETWORK. , 2018, , .		1
129	Multiresolution Analytics for Large Scale Industrial Processes. IFAC-PapersOnLine, 2018, 51, 464-469.	0.5	1
130	Cluster Analysis of Crude Oils based on Physicochemical Properties. Computer Aided Chemical Engineering, 2020, 48, 541-546.	0.3	1
131	Presence of N-acetylneuraminic acid in the lung during postnatal development. European Journal of Histochemistry, 2020, 64, .	0.6	1
132	Forecasting the research octane number in a Continuous Catalyst Regeneration (CCR) reformer. Quality and Reliability Engineering International, 2022, 38, 1463-1481.	1.4	1
133	Special Issue â€œAdvanced Process Monitoring for Industry 4.0â€• Processes, 2021, 9, 1432.	1.3	1
134	Profile-driven Features for Offline Quality Prediction in Batch Processes. Computer Aided Chemical Engineering, 2017, 40, 1501-1506.	0.3	1
135	An Advanced Data-Centric Multi-Granularity Platform for Industrial Data Analysis. Computer Aided Chemical Engineering, 2019, , 1225-1230.	0.3	1
136	Platforms for Automatic PAT Soft Sensor Development and Analysis. IFAC-PapersOnLine, 2020, 53, 11332-11337.	0.5	1
137	0-Dimensional Persistent Homology Analysis Implementation in Resource-Scarce Embedded Systems. Sensors, 2022, 22, 3657.	2.1	1
138	Accounting for measurement uncertainties in industrial data analysis. Computer Aided Chemical Engineering, 2004, , 751-756.	0.3	0
139	â€œMegaâ€•variate statistical process control in electronic devices assembling. Computer Aided Chemical Engineering, 2010, 28, 523-528.	0.3	0
140	A new data driven index for control performance monitoring. Computer Aided Chemical Engineering, 2012, 30, 852-856.	0.3	0
141	Development of Generalized Platforms for the Analysis of Complex Datasets. Quality and Reliability Engineering International, 2012, 28, 508-523.	1.4	0
142	The ENBISâ€14 Quality and Reliability Engineering International Special Issue. Quality and Reliability Engineering International, 2015, 31, 1101-1102.	1.4	0
143	Managing Uncertainty Information for Improved Data-Driven Modelling. Computer Aided Chemical Engineering, 2016, 38, 1575-1580.	0.3	0
144	Incorporating Systems Structure in Data-Driven High-Dimensional Predictive Modeling. Computer Aided Chemical Engineering, 2018, 43, 1039-1044.	0.3	0

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145	Advanced run-to-run controller in semiconductor manufacturing with real-time equipment condition: APC: Advanced process control; AM: Advanced metrology. , 2018, , .		0
146	Discussion of â€œIndustrial statistics and manifold dataâ€• Quality Engineering, 2020, 32, 168-172.	0.7	0
147	2017 world state of quality: first worldwide results. Total Quality Management and Business Excellence, 2021, 32, 379-388.	2.4	0
148	Sensitivity Enhancing Transformations for Large-Scale Process Monitoring. Computer Aided Chemical Engineering, 2014, 33, 643-648.	0.3	0
149	Identifying Strong Statistical Bias in the Local Structure of Metabolic Networks - The Metabolic Network of Saccharomyces Cerevisiae as a Test Case. , 2015, , .		0
150	Multirate fusion of data sources with different quality. IFAC-PapersOnLine, 2020, 53, 194-199.	0.5	0