

João A. Lopes

List of Publications by Year in descending order

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163
papers

4,504
citations

87723

38
h-index

138251

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all docs

167
docs citations

167
times ranked

5416
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Gymnastic Rhythmic Practice and Body Composition, Physical Performance, and Trace Element Status in Young Girls. <i>Biological Trace Element Research</i> , 2022, 200, 84-95.	1.9	6
2	Structural, thermal, vibrational, solubility and DFT studies of a tolbutamide co-amorphous drug delivery system for treatment of diabetes. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121500.	2.6	7
3	Applying optimization models in the scheduling of medical exams. <i>Procedia Computer Science</i> , 2022, 201, 696-701.	1.2	2
4	Predictive Analytics to support diabetic patient detection. <i>Procedia Computer Science</i> , 2022, 201, 690-695.	1.2	1
5	Geographical discrimination of grapevine leaves using fibre optic fluorescence data and chemometrics. Determination of total polyphenols and chlorophylls along different vegetative stages. <i>Microchemical Journal</i> , 2022, 181, 107647.	2.3	3
6	Systematic Review and Principal Components Analysis of the Immunogenicity of Adalimumab. <i>BioDrugs</i> , 2021, 35, 35-45.	2.2	2
7	mHealth: Monitoring Platform for Diabetes Patients. <i>Procedia Computer Science</i> , 2021, 184, 911-916.	1.2	5
8	Intranasal drug delivery for treatment of Alzheimer's disease. <i>Drug Delivery and Translational Research</i> , 2021, 11, 411-425.	3.0	34
9	First-Principles Model to Evaluate Quantitatively the Long-Life Behavior of Cellulose Acetate Polymers. <i>ACS Omega</i> , 2021, 6, 8028-8037.	1.6	10
10	Organic colorants based on lac dye and brazilwood as markers for a chronology and geography of medieval scriptoria: a chemometrics approach. <i>Heritage Science</i> , 2021, 9, .	1.0	11
11	In-depth phenolic characterization of iron gall inks by deconstructing representative Iberian recipes. <i>Scientific Reports</i> , 2021, 11, 8811.	1.6	14
12	EARLY EFFECTS OF EXTRACELLULAR VESICLES SECRETED BY ADIPOSE TISSUE MESENCHYMAL CELLS IN RENAL ISCHEMIA FOLLOWED BY REPERFUSION: MECHANISMS RELY IN THE RESTORATION OF THE REDOX TISSULAR ENVIRONMENT. <i>Cytotherapy</i> , 2021, 23, 11.	0.3	1
13	Discoloration of Historical Plastic Objects: New Insight into the Degradation of ¹² -Naphthol Pigment Lakes. <i>Polymers</i> , 2021, 13, 2278.	2.0	11
14	Teachers Voices: A Qualitative Study on Burnout in the Portuguese Educational System. <i>Education Sciences</i> , 2021, 11, 392.	1.4	1
15	Portuguese Football Federation consensus statement 2020: nutrition and performance in football. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001082.	1.4	14
16	Decision making based on hybrid modeling approach applied to cellulose acetate based historical films conservation. <i>Scientific Reports</i> , 2021, 11, 16074.	1.6	8
17	Adaptive Business Intelligence platform and its contribution as a support in the evolution of Hospital 4.0. <i>Procedia Computer Science</i> , 2021, 184, 905-910.	1.2	4
18	Considerations on high-throughput cocrystals screening by ultrasound assisted cocrystallization and vibrational spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117876.	2.0	7

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19	Adaptive Business Intelligence: A New Architectural Approach. <i>Procedia Computer Science</i> , 2020, 177, 540-545.	1.2	10
20	Teacher and school determinants of teacher job satisfaction: a multilevel analysis. <i>School Effectiveness and School Improvement</i> , 2020, 31, 641-659.	1.4	48
21	Impact of previous coronary artery bypass grafting in patients presenting with an acute coronary syndrome: Current trends and clinical implications. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 731-740.	0.4	2
22	Predictive and Prescriptive Analytics in Healthcare: A Survey. <i>Procedia Computer Science</i> , 2020, 170, 1029-1034.	1.2	22
23	Research studies on dyslexia: participant inclusion and exclusion criteria. <i>European Journal of Special Needs Education</i> , 2020, 35, 587-602.	1.5	16
24	The application of near infrared spectroscopy to wine analysis: An innovative approach using lyophilization to remove water bands interference. <i>Talanta</i> , 2020, 214, 120852.	2.9	13
25	A Front Line on <i>Klebsiella pneumoniae</i> Capsular Polysaccharide Knowledge: Fourier Transform Infrared Spectroscopy as an Accurate and Fast Typing Tool. <i>MSystems</i> , 2020, 5, .	1.7	32
26	Transcatheter Versus Surgical Pulmonary Valve Replacement: A Systemic Review and Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1751-1761.	0.7	28
27	Comparative quantification of chlorophyll and polyphenol levels in grapevine leaves sampled from different geographical locations. <i>Scientific Reports</i> , 2020, 10, 6246.	1.6	21
28	A new salt of clofazimine to improve leprosy treatment. <i>Journal of Molecular Structure</i> , 2020, 1214, 128226.	1.8	8
29	Stains versus colourants produced by fungi colonising paper cultural heritage: A review. <i>Journal of Cultural Heritage</i> , 2019, 35, 161-182.	1.5	45
30	Glucose intolerance in the third trimester is not predictive of adverse outcomes. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 147, 108-114.	1.0	9
31	Organic red colorants in Islamic manuscripts (12th-15th c.) produced in al-Andalus, part 1. <i>Dyes and Pigments</i> , 2019, 166, 451-459.	2.0	7
32	Teachers' academic training for literacy instruction. <i>European Journal of Teacher Education</i> , 2019, 42, 315-334.	2.2	17
33	In-Depth Evaluation of Data Collected During a Continuous Pharmaceutical Manufacturing Process: A Multivariate Statistical Process Monitoring Approach. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 439-450.	1.6	14
34	Synthesis of a Glibenclamide Cocrystal: Full Spectroscopic and Thermal Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1597-1604.	1.6	16
35	Raman spectroscopy for wine analyses: A comparison with near and mid infrared spectroscopy. <i>Talanta</i> , 2018, 186, 306-314.	2.9	50
36	Process monitoring and evaluation of a continuous pharmaceutical twin-screw granulation and drying process using multivariate data analysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 36-47.	2.0	17

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37	<i>Citrus</i> species and hybrids depicted by near- and mid-infrared spectroscopy. Journal of the Science of Food and Agriculture, 2018, 98, 3953-3961.	1.7	10
38	Data Processing in Multivariate Analysis of Pharmaceutical Processes. , 2018, , 35-51.		1
39	Error patterns in Portuguese students'™ addition and subtraction calculation tasks. Journal for Multicultural Education, 2018, 12, 67-82.	0.4	6
40	Near infrared spectroscopy as a tool for intensive mapping of vineyards soil. Precision Agriculture, 2018, 19, 445-462.	3.1	12
41	An Overview of the Evolution of Infrared Spectroscopy Applied to Bacterial Typing. Biotechnology Journal, 2018, 13, 1700449.	1.8	81
42	Varietal discrimination of hop pellets by near and mid infrared spectroscopy. Talanta, 2018, 180, 69-75.	2.9	21
43	Real-time monitoring of a coffee roasting process with near infrared spectroscopy using multivariate statistical analysis: A feasibility study. Talanta, 2018, 179, 292-299.	2.9	42
44	Can artificial neural networks predict lawyers'™ performance rankings?. International Journal of Productivity and Performance Management, 2018, 67, 1940-1958.	2.2	10
45	Vibrational Spectroscopy for Cocrystals Screening. A Comparative Study. Molecules, 2018, 23, 3263.	1.7	15
46	Chemometrics in analytical chemistry"™ part II: modeling, validation, and applications. Analytical and Bioanalytical Chemistry, 2018, 410, 6691-6704.	1.9	102
47	Discrimination of non-typhoid Salmonella serogroups and serotypes by Fourier Transform Infrared Spectroscopy: A comprehensive analysis. International Journal of Food Microbiology, 2018, 285, 34-41.	2.1	28
48	Microspectrofluorimetry and chemometrics for the identification of medieval lake pigments. Heritage Science, 2018, 6, .	1.0	20
49	Pharmaceutical cocrystallization techniques. Advances and challenges. International Journal of Pharmaceutics, 2018, 547, 404-420.	2.6	100
50	Introduction and New Trends. Comprehensive Analytical Chemistry, 2018, 80, 1-13.	0.7	0
51	New copper(I) and heteronuclear copper(I)-ruthenium(II) complexes: Synthesis, structural characterization and cytotoxicity. Journal of Inorganic Biochemistry, 2017, 169, 68-78.	1.5	39
52	A review on the application of vibrational spectroscopy in the wine industry: From soil to bottle. TrAC - Trends in Analytical Chemistry, 2017, 88, 100-118.	5.8	82
53	Statistical process control of cocrystallization processes: A comparison between OPLS and PLS. International Journal of Pharmaceutics, 2017, 520, 29-38.	2.6	22
54	Rapid detection of high-risk Enterococcus faecium clones by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. Diagnostic Microbiology and Infectious Disease, 2017, 87, 299-307.	0.8	14

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55	A Non-invasive Real-Time Methodology for the Quantification of Antioxidant Properties in Coffee During the Roasting Process Based on Near-Infrared Spectroscopy. <i>Food and Bioprocess Technology</i> , 2017, 10, 630-638.	2.6	27
56	Merging vibrational spectroscopic data for wine classification according to the geographic origin. <i>Food Research International</i> , 2017, 102, 504-510.	2.9	48
57	Chemometrics in analytical chemistry—part I: history, experimental design and data analysis tools. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5891-5899.	1.9	95
58	Exploiting intrinsic fluorescence spectroscopy to discriminate between <i>Acinetobacter calcoaceticus</i> and <i>Acinetobacter baumannii</i> complex species. <i>RSC Advances</i> , 2017, 7, 8581-8588.	1.7	3
59	Multivariate statistical process control of a continuous pharmaceutical twin-screw granulation and fluid bed drying process. <i>International Journal of Pharmaceutics</i> , 2017, 528, 242-252.	2.6	28
60	Elucidating constraints for differentiation of major human <i>Klebsiella pneumoniae</i> clones using MALDI-TOF MS. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 379-386.	1.3	18
61	Regulatory Development of Nanotechnology-Based Vaccines. , 2017, , 393-410.		5
62	Classification of Vineyard Soils Using Portable and Benchtop Near-Infrared Spectrometers: A Comparative Study. <i>Soil Science Society of America Journal</i> , 2016, 80, 652-661.	1.2	9
63	An evaluation of the Behavior and Instructional Management Scale's psychometric properties using Portuguese teachers. <i>Teaching and Teacher Education</i> , 2016, 55, 279-290.	1.6	16
64	In-line monitoring of the coffee roasting process with near infrared spectroscopy: Measurement of sucrose and colour. <i>Food Chemistry</i> , 2016, 208, 103-110.	4.2	53
65	Strategic framework for education and training in Quality by Design (QbD) and process analytical technology (PAT). <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 2-7.	1.9	15
66	Near infrared spectroscopy to monitor drug release in-situ during dissolution tests. <i>International Journal of Pharmaceutics</i> , 2016, 513, 1-7.	2.6	7
67	Requirements Specification of a Computerized Maintenance Management System – A Case Study. <i>Procedia CIRP</i> , 2016, 52, 268-273.	1.0	44
68	Discrimination of clinically relevant <i>Candida</i> species by Fourier-transform infrared spectroscopy with attenuated total reflectance (FTIR-ATR). <i>RSC Advances</i> , 2016, 6, 92065-92072.	1.7	7
69	Optimization of protein loaded PLGA nanoparticle manufacturing parameters following a quality-by-design approach. <i>RSC Advances</i> , 2016, 6, 104502-104512.	1.7	7
70	Exploratory study on vineyards soil mapping by visible/near-infrared spectroscopy of grapevine leaves. <i>Computers and Electronics in Agriculture</i> , 2016, 127, 15-25.	3.7	26
71	Assessment and prediction of tablet properties using transmission and backscattering Raman spectroscopy and transmission NIR spectroscopy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 547-558.	4.3	23
72	A FT-NIR spectroscopy methodology to estimate firing distance based on the direct analysis of the bullet impact surface. <i>Analyst</i> , 2016, 141, 4410-4416.	1.7	3

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73	Application of Fourier-transform infrared spectroscopy for the determination of chloride and sulfate in wines. <i>LWT - Food Science and Technology</i> , 2016, 67, 181-186.	2.5	21
74	Real-time monitoring of cocrystallization processes by solvent evaporation: A near infrared study. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 76-84.	1.9	18
75	Rapid assessment of bioactive phenolics and methylxanthines in spent coffee grounds by FT-NIR spectroscopy. <i>Talanta</i> , 2016, 147, 460-467.	2.9	51
76	How Portuguese and American teachers plan for literacy instruction. <i>Annals of Dyslexia</i> , 2016, 66, 71-90.	1.2	6
77	Exploiting near infrared spectroscopy as an analytical tool for on-line monitoring of acidity during coffee roasting. <i>Food Control</i> , 2016, 60, 408-415.	2.8	40
78	Batch Statistical Process Monitoring Approach to a Cocrystallization Process. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 4099-4108.	1.6	21
79	Detection and quantification of <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> in cow milk by near-infrared spectroscopy. <i>International Journal of Dairy Technology</i> , 2015, 68, 357-365.	1.3	12
80	Questões e modelos de avaliação e intervenção em Psicologia Escolar: o caso da Europa e América do Norte. <i>Estudos De Psicologia (Campinas)</i> , 2015, 32, 75-85.	0.8	4
81	Unsuitability of MALDI-TOF MS to discriminate <i>Acinetobacter baumannii</i> clones under routine experimental conditions. <i>Frontiers in Microbiology</i> , 2015, 6, 481.	1.5	35
82	Non-invasive real-time monitoring of vineyard soils, berries and leaves with FT-NIR spectroscopy. <i>BIO Web of Conferences</i> , 2015, 5, 01003.	0.1	3
83	Optimization of NIR spectroscopy based PLSR models for critical properties of vegetable oils used in biodiesel production. <i>Fuel</i> , 2015, 150, 697-704.	3.4	23
84	Use of Near-Infrared Spectroscopy for Coffee Beans Quality Assessment. , 2015, , 933-942.		3
85	Value Adding to Red Grape Pomace Exploiting Eco-friendly FT-NIR Spectroscopy Technique. <i>Food and Bioprocess Technology</i> , 2015, 8, 865-874.	2.6	15
86	A new approach to talent management in law firms. <i>International Journal of Productivity and Performance Management</i> , 2015, 64, 523-543.	2.2	20
87	Near-infrared spectroscopy for the detection and quantification of bacterial contaminations in pharmaceutical products. <i>International Journal of Pharmaceutics</i> , 2015, 492, 199-206.	2.6	18
88	Online monitoring of P(3HB) produced from used cooking oil with near-infrared spectroscopy. <i>Journal of Biotechnology</i> , 2015, 194, 1-9.	1.9	43
89	Translational Peptide-associated Nanosystems: Promising Role as Cancer Vaccines. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 291-313.	1.0	2
90	Identification of carbapenem-resistant <i>Acinetobacter baumannii</i> clones using infrared spectroscopy. <i>Journal of Biophotonics</i> , 2014, 7, 287-294.	1.1	26

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91	Characterisation of metal carboxylates by Raman and infrared spectroscopy in works of art. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1197-1206.	1.2	160
92	Discrimination of single- ϵ -porin <i>Escherichia coli</i> mutants by ATR and transmission mode FTIR spectroscopy. <i>Journal of Biophotonics</i> , 2014, 7, 392-400.	1.1	10
93	MALDI-TOF MS and chemometric based identification of the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species. <i>International Journal of Medical Microbiology</i> , 2014, 304, 669-677.	1.5	53
94	Discrimination of the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species by Fourier transform infrared spectroscopy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1345-1353.	1.3	18
95	Research problems in Portugal run deep. <i>Nature</i> , 2014, 507, 431-431.	13.7	0
96	Development of a FTIR-ATR based model for typing clinically relevant <i>Acinetobacter baumannii</i> clones belonging to ST98, ST103, ST208 and ST218. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 133, 108-114.	1.7	39
97	A UV spectrophotometric method for the determination of folic acid in pharmaceutical tablets and dissolution tests. <i>Analytical Methods</i> , 2014, 6, 3065.	1.3	75
98	MALDI-TOF mass spectrometry as a tool for the discrimination of high-risk <i>Escherichia coli</i> clones from phylogenetic groups B2 (ST131) and D (ST69, ST405, ST393). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1391-1399.	1.3	48
99	<i>Bacillus invictae</i> sp. nov., isolated from a health product. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3867-3876.	0.8	20
100	Screening and quantification of proteinaceous binders in medieval paints based on $\frac{1}{4}$ -Fourier transform infrared spectroscopy and multivariate curve resolution alternating least squares. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 134, 148-157.	1.8	20
101	A PAT approach for the on-line monitoring of pharmaceutical co-crystals formation with near infrared spectroscopy. <i>International Journal of Pharmaceutics</i> , 2014, 471, 478-484.	2.6	39
102	Differentiation of <i>Bacillus pumilus</i> and <i>Bacillus safensis</i> Using MALDI-TOF-MS. <i>PLoS ONE</i> , 2014, 9, e110127.	1.1	44
103	Construção e validação de uma prova de Matemática para alunos do 1º ao 4º ano de escolaridade. <i>Psicologia: Reflexão e Crítica</i> , 2014, 27, 434-442.	0.4	3
104	Application of Mid- and Near-Infrared Spectroscopy for the Control and Chemical Evaluation of Brine Solutions and Traditional Sea Salts. <i>Food Analytical Methods</i> , 2013, 6, 470-480.	1.3	5
105	Particle sizing measurements in pharmaceutical applications: Comparison of in-process methods versus off-line methods. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 1006-1018.	2.0	94
106	Identification of <i>Dactylopius cochineal</i> species with high-performance liquid chromatography and multivariate data analysis. <i>Analyst</i> , 2013, 138, 6081.	1.7	11
107	Serotype discrimination of encapsulated <i>Streptococcus pneumoniae</i> strains by Fourier-transform infrared spectroscopy and chemometrics. <i>Journal of Microbiological Methods</i> , 2013, 93, 102-107.	0.7	21
108	FT-NIR spectroscopy as a tool for valorization of spent coffee grounds: Application to assessment of antioxidant properties. <i>Food Research International</i> , 2013, 51, 579-586.	2.9	59

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109	Sea Salt. <i>Comprehensive Analytical Chemistry</i> , 2013, 60, 719-740.	0.7	9
110	Authenticity Control of Roasted Coffee Brands Using Near-Infrared Spectroscopy. <i>Food Analytical Methods</i> , 2013, 6, 892-899.	1.3	4
111	A Review on the Applications of Portable Near-Infrared Spectrometers in the Agro-Food Industry. <i>Applied Spectroscopy</i> , 2013, 67, 1215-1233.	1.2	235
112	Character Education in Portugal. <i>Childhood Education</i> , 2013, 89, 286-289.	0.1	3
113	Diverse high-risk B2 and D <i>Escherichia coli</i> clones depicted by Fourier Transform Infrared Spectroscopy. <i>Scientific Reports</i> , 2013, 3, 3278.	1.6	39
114	Biologising reading problems: the specific case of dyslexia. <i>Contemporary Social Science</i> , 2012, 7, 215-229.	1.0	15
115	Mathematical Simulation of Signal Profiles in Flow Analysis. <i>Analytical Letters</i> , 2012, 45, 85-98.	1.0	2
116	Combining infrared spectroscopy with chemometric analysis for the characterization of proteinaceous binders in medieval paints. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 119, 32-38.	1.8	31
117	Development of an HPLC Assay Methodology for a Desonide Cream with Chemometrics Assisted Optimization. <i>Analytical Letters</i> , 2012, 45, 1390-1400.	1.0	5
118	Exploiting adsorption and desorption at solid-liquid interface for the fluorometric monitoring of glibenclamide in adulterated drinks. <i>Analytica Chimica Acta</i> , 2012, 721, 97-103.	2.6	6
119	Strategic funding priorities in the pharmaceutical sciences allied to Quality by Design (QbD) and Process Analytical Technology (PAT). <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 402-405.	1.9	49
120	Evaluation of green coffee beans quality using near infrared spectroscopy: A quantitative approach. <i>Food Chemistry</i> , 2012, 135, 1828-1835.	4.2	66
121	Discrimination of <i>Salmonella enterica</i> serotypes by Fourier transform infrared spectroscopy. <i>Food Research International</i> , 2012, 45, 1058-1064.	2.9	18
122	Bioreactor monitoring with spectroscopy and chemometrics: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1211-1237.	1.9	204
123	Fourier Transform Near-Infrared Spectroscopy Application for Sea Salt Quality Evaluation. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11109-11116.	2.4	22
124	Comparison of different chemometric and analytical methods for the prediction of particle size distribution in pharmaceutical powders. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2137-2147.	1.9	18
125	Analysis of natural red dyes (cochineal) in textiles of historical importance using HPLC and multivariate data analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 735-743.	1.9	55
126	A near-infrared spectroscopy method to determine aminoglycosides in pharmaceutical formulations. <i>Vibrational Spectroscopy</i> , 2011, 56, 184-192.	1.2	11

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127	Successful endoscopic resolution of a large gastric bezoar in a child. <i>World Journal of Gastrointestinal Endoscopy</i> , 2011, 3, 129.	0.4	9
128	Dynamic optimization of bioreactors using probabilistic tendency models and Bayesian active learning. <i>Computer Aided Chemical Engineering</i> , 2011, 29, 783-787.	0.3	0
129	Mathematical modeling of dispersion in single interface flow analysis. <i>Analytica Chimica Acta</i> , 2010, 663, 178-183.	2.6	1
130	Determination of flow properties of pharmaceutical powders by near infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 484-492.	1.4	58
131	Application of Fourier Transform Infrared Spectroscopy and Chemometrics for Differentiation of <i>Salmonella enterica</i> Serovar Enteritidis Phage Types. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3538-3544.	1.4	57
132	A batch modelling approach to monitor a freeze-drying process using in-line Raman spectroscopy. <i>Talanta</i> , 2010, 83, 130-138.	2.9	16
133	Simultaneous Potentiometric Determination of Thiamine and Pyridoxine in Multivitamins Using a Single Cyclodextrin-Based Thiamine-Selective Electrode. <i>Analytical Letters</i> , 2009, 42, 1923-1939.	1.0	2
134	Use of Fourier transform infrared spectroscopy and chemometrics to discriminate clinical isolates of bacteria of the <i>Burkholderia cepacia</i> complex from different species and ribopatterns. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2161-2171.	1.9	19
135	Quantitative monitoring of an activated sludge reactor using on-line UV-visible and near-infrared spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1159-1166.	1.9	56
136	Quality control of pharmaceuticals with NIR: From lab to process line. <i>Vibrational Spectroscopy</i> , 2009, 49, 204-210.	1.2	76
137	Application of near infrared spectroscopy and multivariate data analysis for the evaluation of glue lines of untreated and copper azole treated laminated timber before and after ageing. <i>Polymer Degradation and Stability</i> , 2009, 94, 1061-1071.	2.7	18
138	The use of net analyte signal (NAS) in near infrared spectroscopy pharmaceutical applications: Interpretability and figures of merit. <i>Analytica Chimica Acta</i> , 2009, 642, 179-185.	2.6	37
139	Exploiting the oxidative coupling reaction of MBTH for indapamide determination. <i>Talanta</i> , 2009, 79, 1161-1168.	2.9	8
140	Uncertainty assessment in FT-IR spectroscopy based bacteria classification models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 94, 33-42.	1.8	38
141	Flavylum chromophores as species markers for dragon's blood resins from <i>Dracaena</i> and <i>Daemonorops</i> trees. <i>Journal of Chromatography A</i> , 2008, 1209, 153-161.	1.8	45
142	Activated sludge process monitoring through in situ near-infrared spectral analysis. <i>Water Science and Technology</i> , 2008, 57, 1643-1650.	1.2	22
143	Cleansing contaminated seawaters using marine cyanobacteria: evaluation of trace metal removal from the medium. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 701-710.	1.8	5
144	Simultaneous Chemiluminometric Determination of Levodopa and Benserazide in a Multi-pumping Flow System with Multivariate Calibration. <i>Analytical Sciences</i> , 2008, 24, 985-991.	0.8	17

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145	<i>In situ</i> near Infrared Monitoring of Activated Dairy Sludge Wastewater Treatment Processes. Journal of Near Infrared Spectroscopy, 2008, 16, 409-419.	0.8	18
146	Prevalence and comorbidity of emotional, behavioral and learning problems: a study of 7th-grade students. Education and Treatment of Children, 2007, 30, 165-181.	0.6	6
147	MODELLING INDUSTRIAL FERMENTATION DATA WITH MULTIWAY MULTIVARIATE TECHNIQUES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 273-278.	0.4	1
148	Interventions for Students with Behavioral Disorders: An International Literature Review. Behavioral Disorders, 2007, 32, 267-281.	0.8	12
149	Study of the application of multiway multivariate techniques to model data from an industrial fermentation process. Analytica Chimica Acta, 2007, 595, 120-127.	2.6	30
150	Fourier transform infrared (FT-IR) spectroscopy in bacteriology: towards a reference method for bacteria discrimination. Analytical and Bioanalytical Chemistry, 2007, 387, 1739-1748.	1.9	82
151	CHEMOMETRIC PROCESS ANALYTICAL TECHNOLOGY (PAT) APPLICATIONS IN BIOPROCESS ENGINEERING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 153-158.	0.4	1
152	Multiblock PLS as an approach to compare and combine NIR and MIR spectra in calibrations of soybean flour. Chemometrics and Intelligent Laboratory Systems, 2005, 75, 91-99.	1.8	90
153	Comparison of PLS algorithms in gasoline and gas oil parameter monitoring with MIR and NIR. Chemometrics and Intelligent Laboratory Systems, 2005, 78, 74-80.	1.8	56
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