Jose M Amigo

List of Publications by Year
in descending order

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142	5,140	70961	110170
papers	citations	41 h-index	64 g-index

146	146	146	4810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pre-processing of hyperspectral images. Essential steps before image analysis. Chemometrics and Intelligent Laboratory Systems, 2012, 117, 138-148.	1.8	254
2	Hyperspectral image analysis. A tutorial. Analytica Chimica Acta, 2015, 896, 34-51.	2.6	237
3	ChroMATHography: Solving Chromatographic Issues with Mathematical Models and Intuitive Graphics. Chemical Reviews, 2010, 110, 4582-4605.	23.0	173
4	Practical issues of hyperspectral imaging analysis of solid dosage forms. Analytical and Bioanalytical Chemistry, 2010, 398, 93-109.	1.9	163
5	Study of pharmaceutical samples by NIR chemical-image and multivariate analysis. TrAC - Trends in Analytical Chemistry, 2008, 27, 696-713.	5.8	139
6	Drug hydrate systems and dehydration processes studied by terahertz pulsed spectroscopy. International Journal of Pharmaceutics, 2007, 334, 78-84.	2.6	134
7	Solving GC-MS problems with PARAFAC2. TrAC - Trends in Analytical Chemistry, 2008, 27, 714-725.	5.8	134
8	Identification and quantification of turkey meat adulteration in fresh, frozen-thawed and cooked minced beef by FT-NIR spectroscopy and chemometrics. Meat Science, 2016, 121, 175-181.	2.7	109
9	Direct quantification and distribution assessment of major and minor components in pharmaceutical tablets by NIR-chemical imaging. European Journal of Pharmaceutical Sciences, 2009, 37, 76-82.	1.9	101
10	Classification and Quantification of Microplastics (<100 Î¼m) Using a Focal Plane Arrayâ€“Fourier Transform Infrared Imaging System and Machine Learning. Analytical Chemistry, 2020, 92, 13724-13733.	3.2	91
11	HYPER-Tools. A graphical user-friendly interface for hyperspectral image analysis. Chemometrics and Intelligent Laboratory Systems, 2018, 172, 174-187.	1.8	84
12	Hyperspectral Imaging and Chemometrics. Data Handling in Science and Technology, 2013, , 343-370.	3.1	82
13	Beer fermentation: Monitoring of process parameters by FT-NIR and multivariate data analysis. Food Chemistry, 2014, 155, 279-286.	4.2	82
14	Comprehensive analysis of chromatographic data by using PARAFAC2 and principal components analysis. Journal of Chromatography A, 2010, 1217, 4422-4429.	1.8	78
15	Practical comparison of sparse methods for classification of Arabica and Robusta coffee species using near infrared hyperspectral imaging. Chemometrics and Intelligent Laboratory Systems, 2015, 146, 503-511.	1.8	77
16	Grading and color evolution of apples using RGB and hyperspectral imaging vision cameras. Journal of Food Engineering, 2012, 113, 281-288.	2.7	74
17	Characterisation of hydrogen bond perturbations in aqueous systems using aquaphotomics and multivariate curve resolution-alternating least squares. Analytica Chimica Acta, 2013, 759, 8-20.	2.6	73
18	Ripeness monitoring of two cultivars of nectarine using VIS-NIR hyperspectral reflectance imaging. Journal of Food Engineering, 2017, 214, 29-39.	2.7	72

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19	Nir-chemical imaging study of acetylsalicylic acid in commercial tablets. Talanta, 2009, 80, 473-478.	2.9	67
20	Characterization and authentication of Spanish PDO wine vinegars using multidimensional fluorescence and chemometrics. Food Chemistry, 2017, 230, 108-116.	4.2	67
21	Classification of Sherry vinegars by combining multidimensional fluorescence, parafac and different classification approaches. Talanta, 2012, 88, 456-462.	2.9	63
22	Data fusion approaches in spectroscopic characterization and classification of PDO wine vinegars. Talanta, 2019, 198, 560-572.	2.9	61
23	Data handling in data fusion: Methodologies and applications. TrAC - Trends in Analytical Chemistry, 2021, 143, 116355.	5.8	61
24	Rheology and microstructure of low-fat yoghurt produced with whey protein microparticles as fat replacer. International Dairy Journal, 2018, 81, 62-71.	1.5	60
25	NIR spectroscopy and chemometrics for the typification of Spanish wine vinegars with a protected designation of origin. Food Control, 2018, 89, 108-116.	2.8	59
26	Detection of residues from explosive manipulation by near infrared hyperspectral imaging: A promising forensic tool. Forensic Science International, 2014, 242, 228-235.	1.3	58
27	A mixed hard- and soft-modelling approach to study and monitor enzymatic systems in biological fluids. Analytica Chimica Acta, 2006, 567, 245-254.	2.6	55
28	Using fractal image analysis to characterize microstructure of low-fat stirred yoghurt manufactured with microparticulated whey protein. Journal of Food Engineering, 2012, 109, 721-729.	2.7	52
29	Plant metabolomics: Resolution and quantification of elusive peaks in liquid chromatographyâ€“mass spectrometry profiles of complex plant extracts using multi-way decomposition methods. Journal of Chromatography A, 2012, 1266, 84-94.	1.8	51
30	Hyperspectral imaging in crop fields: precision agriculture. Data Handling in Science and Technology, 2019, 32, 453-473.	3.1	51
31	A mixed hard- and soft-modelling approach for the quantitative determination of oxipurines and uric acid in human urine. Analytica Chimica Acta, 2006, 567, 236-244.	2.6	49
32	Fast assessment of the surface distribution of API and excipients in tablets using NIR-hyperspectral imaging. International Journal of Pharmaceutics, 2011, 411, 27-35.	2.6	49
33	Resolution of co-eluting compounds of Cannabis Sativa in comprehensive two-dimensional gas chromatography/mass spectrometry detection with Multivariate Curve Resolution-Alternating Least Squares. Talanta, 2014, 121, 273-280.	2.9	49
34	Staling of white wheat bread crumb and effect of maltogenic Î±-amylases. Part 1: Spatial distribution and kinetic modeling of hardness and resilience. Food Chemistry, 2016, 208, 318-325.	4.2	49
35	Comprehensive assessment of pine needles as bioindicators of PAHs using multivariate analysis. The importance of temporal trends. Chemosphere, 2010, 81, 1517-1525.	4.2	48
36	ATR-FTIR as a potential tool for controlling high quality vinegar categories. Food Control, 2017, 78, 230-237.	2.8	48

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37	Differences between Pinus pinea and Pinus pinaster as bioindicators of polycyclic aromatic hydrocarbons. Environmental and Experimental Botany, 2011, 72, 339-347.	2.0	47
38	Levels and Sources of PAHs in Selected Sites from Portugal: Biomonitoring with Pinus pinea and Pinus pinaster Needles. Archives of Environmental Contamination and Toxicology, 2010, 58, 631-647.	2.1	46
39	Near-infrared chemical imaging (NIR-CI) as a process monitoring solution for a production line of roll compaction and tableting. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 293-302.	2.0	45
40	Fast and robust discrimination of almonds (Prunus amygdalus) with respect to their bitterness by using near infrared and partial least squares-discriminant analysis. Food Chemistry, 2014, 153, 15-19.	4.2	44
41	Standardization from a benchtop to a handheld NIR spectrometer using mathematically mixed NIR spectra to determine fuel quality parameters. Analytica Chimica Acta, 2017, 954, 32-42.	2.6	44
42	Effect of exopolysaccharide-producing starter cultures and post-fermentation mechanical treatment on textural properties and microstructure of low fat yoghurt. International Dairy Journal, 2016, 53, 10-19.	1.5	41
43	Fluorescence excitationâ€“emission matrix spectroscopy as a tool for determining quality of sparkling wines. Food Chemistry, 2016, 206, 284-290.	4.2	40
44	Visualization and prediction of porosity in roller compacted ribbons with near-infrared chemical imaging (NIR-CI). Journal of Pharmaceutical and Biomedical Analysis, 2015, 109, 11-17.	1.4	39
45	Detecting semen stains on fabrics using near infrared hyperspectral images and multivariate models. TrAC - Trends in Analytical Chemistry, 2017, 95, 23-35.	5.8	38
46	Potential of VIS-NIR hyperspectral imaging and chemometric methods to identify similar cultivars of nectarine. Food Control, 2018, 86, 1-10.	2.8	38
47	A comparison of a common approach to partial least squares-discriminant analysis and classical least squares in hyperspectral imaging. International Journal of Pharmaceutics, 2009, 373, 179-182.	2.6	37
48	The role of exopolysaccharide-producing cultures and whey protein ingredients in yoghurt. LWT - Food Science and Technology, 2016, 72, 189-198.	2.5	37
49	Hyperspectral imaging and multivariate accelerated shelf life testing (MASLT) approach for determining shelf life of rocket leaves. Journal of Food Engineering, 2018, 238, 122-133.	2.7	37
50	Three-way partial least-squares regression for the simultaneous kinetic-enzymatic determination of xanthine and hypoxanthine in human urine. Analytical and Bioanalytical Chemistry, 2005, 382, 1380-1388.	1.9	36
51	Transferring results from NIR-hyperspectral to NIR-multispectral imaging systems: A filter-based simulation applied to the classification of Arabica and Robusta green coffee. Analytica Chimica Acta, 2017, 967, 33-41.	2.6	36
52	Use of hyperspectral transmittance imaging to evaluate the internal quality of nectarines. Biosystems Engineering, 2019, 182, 54-64.	1.9	33
53	Hyperspectral and multispectral imaging: setting the scene. Data Handling in Science and Technology, 2019, , 3-16.	3.1	33
54	Development of models for predicting toxicity from sediment chemistry by partial least squares-discriminant analysis and counter-propagation artificial neural networks. Environmental Pollution, 2010, 158, 607-614.	3.7	32

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55	Biomonitoring of pesticides by pine needles â€" Chemical scoring, risk of exposure, levels and trends. Science of the Total Environment, 2014, 476-477, 114-124.	3.9	32
56	Near infrared spectral imaging for the analysis of dynamite residues on human handprints. Talanta, 2014, 130, 315-321.	2.9	32
57	Lameness detection challenges in automated milking systems addressed with partial least squares discriminant analysis. Journal of Dairy Science, 2014, 97, 7476-7486.	1.4	31
58	Detection and identification of Cannabis sativa L. using near infrared hyperspectral imaging and machine learning methods. A feasibility study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 237, 118385.	2.0	31
59	Assessment of the sugars and ethanol development in beer fermentation with FT-IR and multivariate curve resolution models. Food Research International, 2014, 62, 602-608.	2.9	30
60	Chemometric approaches for document dating: Handling paper variability. Analytica Chimica Acta, 2018, 1031, 28-37.	2.6	30
61	USING MACHINE LEARNING TO CLASSIFY IMAGE FEATURES FROM CANINE PELVIC RADIOGRAPHS: EVALUATION OF PARTIAL LEAST SQUARES DISCRIMINANT ANALYSIS AND ARTIFICIAL NEURAL NETWORK MODELS. Veterinary Radiology and Ultrasound, 2013, 54, 122-126.	0.4	29
62	Process optimization of dry granulation based tableting line: Extracting physical material characteristics from granules, ribbons and tablets using near-IR (NIR) spectroscopic measurement. Powder Technology, 2016, 300, 120-125.	2.1	29
63	Prediction of pork quality parameters by applying fractals and data mining on MRI. Food Research International, 2017, 99, 739-747.	2.9	29
64	Parallel factor analysis combined with PLS regression applied to the on-line monitoring of Pichia pastoris cultures. Analytical and Bioanalytical Chemistry, 2006, 385, 1281-1288.	1.9	28
65	Study of geographical trends of polycyclic aromatic hydrocarbons using pine needles. Atmospheric Environment, 2011, 45, 5988-5996.	1.9	28
66	Monitoring of multiple solid-state transformations at tablet surfaces using multi-series near-infrared hyperspectral imaging and multivariate curve resolution. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 224-230.	2.0	27
67	Preprocessing of hyperspectral and multispectral images. Data Handling in Science and Technology, 2019, , 37-53.	3.1	27
68	Emerging needs for sustained production of laboratory reference materials. TrAC - Trends in Analytical Chemistry, 2004, 23, 80-85.	5.8	26
69	On-line parallel factor analysis. A step forward in the monitoring of bioprocesses in real time. Chemometrics and Intelligent Laboratory Systems, 2008, 92, 44-52.	1.8	26
70	Trace-metal distribution of cigarette ashes as marker of tobacco brands. Forensic Science International, 2011, 204, 119-125.	1.3	25
71	Automated resolution of overlapping peaks in chromatographic data. Journal of Chemometrics, 2014, 28, 71-82.	0.7	25
72	Near infrared hyperspectral imaging and spectral unmixing methods for evaluation of fiber distribution in enriched pasta. Food Chemistry, 2021, 343, 128517.	4.2	24

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73	Unsupervised pattern-recognition techniques to investigate metal pollution in estuaries. TrAC - Trends in Analytical Chemistry, 2013, 46, 59-69.	5.8	22
74	NIR hyperspectral images for identification of gunshot residue from tagged ammunition. Analytical Methods, 2018, 10, 4711-4717.	1.3	22
75	An Introduction to Multivariate Curve Resolution-Alternating Least Squares: Spectrophotometric Study of the Acidâ€“Base Equilibria of 8-Hydroxyquinoline-5-sulfonic Acid. Journal of Chemical Education, 2007, 84, 1190.	1.1	21
76	Implementation of enhanced correlation maps in near infrared chemical images: Application in pharmaceutical research. Talanta, 2009, 79, 657-664.	2.9	21
77	A chemometric approach to the environmental problem of predicting toxicity in contaminated sediments. Journal of Chemometrics, 2010, 24, 379-386.	0.7	21
78	Practical comparison of multivariate chemometric techniques for pattern recognition used in environmental monitoring. Analytical Methods, 2012, 4, 676.	1.3	20
79	A novel image analysis methodology for online monitoring of nucleation and crystal growth during solid state phase transformations. International Journal of Pharmaceutics, 2012, 433, 60-70.	2.6	20
80	Using air, soil and vegetation to assess the environmental behaviour of siloxanes. Environmental Science and Pollution Research, 2016, 23, 3273-3284.	2.7	20
81	Staling of white wheat bread crumb and effect of maltogenic Î±-amylases. Part 3: Spatial evolution of bread staling with time by near infrared hyperspectral imaging. Food Chemistry, 2021, 353, 129478.	4.2	20
82	Image analysis for maintenance of coating quality in nickel electroplating baths â€“ Real time control. Analytica Chimica Acta, 2011, 706, 1-7.	2.6	19
83	Modelling Milk Lactic Acid Fermentation Using Multivariate Curve Resolution-Alternating Least Squares (MCR-ALS). Food and Bioprocess Technology, 2014, 7, 1819-1829.	2.6	19
84	Data Mining, Machine Learning, Deep Learning, Chemometrics. Definitions, common points and Trends (Spoiler Alert: VALIDATE your models!). Brazilian Journal of Analytical Chemistry, 2021, 8, 45-61.	0.3	19
85	Texture analysis of pulmonary parenchymateous changes related to pulmonary thromboembolism in dogs â€“ a novel approach using quantitative methods. BMC Veterinary Research, 2017, 13, 219.	0.7	18
86	Analysis of MRI by fractals for prediction of sensory attributes: A case study in loin. Journal of Food Engineering, 2018, 227, 1-10.	2.7	18
87	Application of hyperspectral imaging and chemometrics for classifying plastics with brominated flame retardants. Journal of Spectral Imaging, 0, , .	0.0	18
88	Unveiling multiple solid-state transitions in pharmaceutical solid dosage forms using multi-series hyperspectral imaging and different curve resolution approaches. Chemometrics and Intelligent Laboratory Systems, 2017, 161, 136-146.	1.8	17
89	Influence of barley variety, timing of nitrogen fertilisation and sunn pest infestation on malting and brewing. Journal of the Science of Food and Agriculture, 2011, 91, 820-830.	1.7	16
90	Chemical imaging and solid state analysis at compact surfaces using UV imaging. International Journal of Pharmaceutics, 2014, 477, 527-535.	2.6	16

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91	Comparison of different image analysis algorithms on MRI to predict physico-chemical and sensory attributes of loin. Chemometrics and Intelligent Laboratory Systems, 2018, 180, 54-63.	1.8	16
92	Staling of white wheat bread crumb and effect of maltogenic Î±-amylases. Part 2: Monitoring the staling process by using near infrared spectroscopy and chemometrics. Food Chemistry, 2019, 297, 124946.	4.2	16
93	Flatbed scanners as a source of imaging. Brightness assessment and additives determination in a nickel electroplating bath. Analytica Chimica Acta, 2011, 694, 38-45.	2.6	15
94	Experienced and inexperienced observers achieved relatively high within-observer agreement on video mobility scoring of dairy cows. Journal of Dairy Science, 2015, 98, 4560-4571.	1.4	15
95	NIR-based octane rating simulator for use in gasoline compounding processes. Fuel, 2019, 243, 381-389.	3.4	15
96	An overview of regression methods in hyperspectral and multispectral imaging. Data Handling in Science and Technology, 2019, 32, 205-230.	3.1	15
97	Shear force analysis by core location in Longissimus steaks from Nellore cattle using hyperspectral images â€“ A feasibility study. Meat Science, 2018, 143, 30-38.	2.7	14
98	Configuration of hyperspectral and multispectral imaging systems. Data Handling in Science and Technology, 2019, , 17-34.	3.1	14
99	Feasibility study for the surface prediction and mapping of phytonutrients in minimally processed rocket leaves (Diplotaxis tenuifolia) during storage by hyperspectral imaging. Computers and Electronics in Agriculture, 2020, 175, 105575.	3.7	14
100	NIR Hyperspectral Imaging for Plastics Classification. NIR News, 2012, 23, 13-15.	1.6	13
101	Multivariate curve resolution of spectral data for the pH-dependent reduction of ferrylmyoglobin by cysteine. Chemometrics and Intelligent Laboratory Systems, 2013, 122, 78-83.	1.8	13
102	Relationship between levels of polycyclic aromatic hydrocarbons in pine needles and socio-geographic parameters. Journal of Environmental Management, 2015, 156, 52-61.	3.8	13
103	Sampling methods for the study of volatile profile of PDO wine vinegars. A comparison using multivariate data analysis. Food Research International, 2018, 105, 880-896.	2.9	13
104	Fluorescence study of the dynamic interaction between E1(145â€“162) sequence of hepatitis GB virus C and liposomes. Analytical and Bioanalytical Chemistry, 2009, 394, 1003-1010.	1.9	12
105	Multiway Methods. Data Handling in Science and Technology, 2013, , 265-313.	3.1	12
106	Interval ANOVA simultaneous component analysis (i-ASCA) applied to spectroscopic data to study the effect of fundamental fermentation variables in beer fermentation metabolites. Chemometrics and Intelligent Laboratory Systems, 2017, 163, 86-93.	1.8	12
107	Unsupervised exploration of hyperspectral and multispectral images. Data Handling in Science and Technology, 2019, 32, 93-114.	3.1	12
108	Multi-spectral imaging for the estimation of shooting distances. Forensic Science International, 2018, 282, 80-85.	1.3	12

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109	Modelling highly co-eluted peaks of analytes with high spectral similarity. TrAC - Trends in Analytical Chemistry, 2015, 68, 107-118.	5.8	11
110	Evaluation and assessment of homogeneity in images. Part 1: Unique homogeneity percentage for binary images. Chemometrics and Intelligent Laboratory Systems, 2017, 171, 26-39.	1.8	11
111	Development and validation of a method for the determination of regulated fragrance allergens by High-Performance Liquid Chromatography and Parallel Factor Analysis 2. Journal of Chromatography A, 2017, 1526, 82-92.	1.8	11
112	Growing applications of hyperspectral and multispectral imaging. Data Handling in Science and Technology, 2020, , 605-629.	3.1	11
113	Tooth whitening, oxidation or reduction? Study of physicochemical alterations in bovine enamel using Synchrotron based Micro-FTIR. Dental Materials, 2022, 38, 670-679.	1.6	10
114	Quantitative determination of additives in a commercial electroplatingnickel bath by spectrophotometry and multivariate analysis. Analytical Methods, 2010, 2, 86-92.	1.3	9
115	Reduction of ferrylmyoglobin by cysteine as affected by pH. RSC Advances, 2014, 4, 60953-60958.	1.7	9
116	A single model to monitor multistep craft beer manufacturing using near infrared spectroscopy and chemometrics. Food and Bioproducts Processing, 2021, 126, 95-103.	1.8	9
117	Synthesis and structural properties of hexaaza[5]helicene containing two [1,2,3]triazolo[1,5-a]pyridine moieties. Tetrahedron Letters, 2013, 54, 4316-4319.	0.7	8
118	Assessment of macronutrients and alpha-galactosides of texturized vegetable proteins by near infrared hyperspectral imaging. Journal of Food Composition and Analysis, 2022, 108, 104459.	1.9	8
119	Comparison of PAH Levels and Sources in Pine Needles from Portugal, Spain, and Greece. Analytical Letters, 2012, 45, 508-525.	1.0	7
120	Detecting Blending End-Point Using Mean Squares Successive Difference Test and Near-Infrared Spectroscopy. Journal of Pharmaceutical Sciences, 2015, 104, 2541-2549.	1.6	7
121	Steam-frothing of milk for coffee: Evaluation for foam properties using video analysis and feature extraction. International Dairy Journal, 2015, 51, 84-91.	1.5	7
122	Data reduction by randomization subsampling for the study of large hyperspectral datasets. Analytica Chimica Acta, 2022, 1209, 339793.	2.6	7
123	Evaluation and assessment of homogeneity in images. Part 2: Homogeneity assessment on single channel non-binary images. Blending end-point detection as example. Chemometrics and Intelligent Laboratory Systems, 2018, 180, 15-25.	1.8	6
124	Chemometrics and Food Traceability. , 2021, , 387-406.		6
125	Near Promising Future of near Infrared Hyperspectral Imaging in Forensic Sciences. NIR News, 2014, 25, 6-9.	1.6	5
126	Quality assessment of boar semen by multivariate analysis of flow cytometric data. Chemometrics and Intelligent Laboratory Systems, 2015, 142, 219-230.	1.8	5

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127	Ultrasonographic predictors of response of European eels (Anguilla anguilla) to hormonal treatment for induction of ovarian development. American Journal of Veterinary Research, 2016, 77, 478-486.	0.3	5
128	Analysis of time-dependent conjugation of gold nanoparticles with an antiparkinsonian molecule by using curve resolution methods. Analytica Chimica Acta, 2011, 683, 170-177.	2.6	4
129	A chemical status predictor. A methodology based on World-Wide sediment samples. Journal of Environmental Management, 2015, 161, 21-29.	3.8	4
130	Sparse-Based Modeling of Hyperspectral Data. Data Handling in Science and Technology, 2016, , 613-634.	3.1	4
131	Development of a New Fractal Algorithm to Predict Quality Traits of MRI Loins. Lecture Notes in Computer Science, 2017, , 208-218.	1.0	4
132	Data Mining of Polymer Phase Transitions upon Temperature Changes by Small and Wide-Angle X-ray Scattering Combined with Raman Spectroscopy. Polymers, 2021, 13, 4203.	2.0	3
133	Aroma Analysis and Data Handling in the Evaluation of Niche Apple Juices from 160 Local Danish Apple Cultivars. , 2014, , 277-281.		2
134	Preparation and characterization of â€œexhausted electrowinning electrolyteâ€•reference material. European Physical Journal Special Topics, 2003, 107, 53-56.	0.2	1
135	Synthesis and crystal structures of two novel triazolopyridine compounds solved by local L.S. minimizations from powder diffraction data. Powder Diffraction, 2014, 29, 331-336.	0.4	1
136	Near-infrared hyperspectral image at a glance: Some personal thoughts. NIR News, 2020, 31, 8-14.	1.6	1
137	VinegarScan: A Computer Tool Based on Ultraviolet Spectroscopy for A Rapid Authentication of Wine Vinegars. Chemosensors, 2021, 9, 296.	1.8	1
138	SETApp: A machine learning and image analysis based application to automate the sea urchin embryo test. Ecotoxicology and Environmental Safety, 2022, 241, 113728.	2.9	1
139	Using air, soil and vegetation to assess the environmental behaviour of siloxanes. Environmental Science and Pollution Research, 2017, 24, 11878-11878.	2.7	0
140	Fingerprinting of Doppler audio signals from the common carotid artery. Scientific Reports, 2020, 10, 2414.	1.6	0
141	Irudi-analisi eta machine learning bidezko itsas-triku enbrioi biosaioaren automatizazioa. , 0, , .		0
142	Distributional homogeneity and penetration depth assessment of antibiotic added by surface coating to pellets with mid Infrared imaging and multivariate curve resolution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120864.	2.0	0