

# Emilia Bramanti

## List of Publications by Year in descending order

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147  
papers

3,930  
citations

117625

34  
h-index

182427

51  
g-index

147  
all docs

147  
docs citations

147  
times ranked

4820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Stability of Ionic Liquids: Effect of Metals. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1652.	2.5	2
2	The impact of sourdough fermentation of spelt ( <i>Triticum dicoccum</i> ) from Garfagnana on gut microbiota composition and in vitro activity. <i>Journal of Functional Foods</i> , 2022, 91, 105007.	3.4	3
3	Time-dependent influence of high glucose environment on the metabolism of neuronal immortalized cells. <i>Analytical Biochemistry</i> , 2022, 645, 114607.	2.4	1
4	Structural characterization of electrospun tetraethylortosilicate (TEOS)/Polyvinylpyrrolidone (PVP) microfibrils. <i>Materials Chemistry and Physics</i> , 2022, 287, 126248.	4.0	8
5	Fast, Direct Dihydrouracil Quantitation in Human Saliva: Method Development, Validation, and Application. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6033.	2.6	1
6	A Prospective Cross-Sectional Study on the Comparison of Ultrasound Assessment vs. Palpation in Chronic Lymphocytic Leukemia Patients in the Era of Targeted Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 3206.	2.4	3
7	A novel desiccant compound for air humidification and dehumidification. <i>Applied Thermal Engineering</i> , 2022, 214, 118857.	6.0	1
8	Response assessment to venetoclax in relapsed/refractory chronic lymphocytic leukemia by ultrasonography. <i>Leukemia Research</i> , 2021, 100, 106488.	0.8	3
9	Agri-Food Extracts Effectiveness in Improving Antibacterial and Antiviral Properties of Face Masks: A Proof-of-Concept Study. <i>ChemistrySelect</i> , 2021, 6, 2288-2297.	1.5	10
10	In situ microwave assisted extraction of clove buds to isolate essential oil, polyphenols, and lignocellulosic compounds. <i>Industrial Crops and Products</i> , 2021, 161, 113203.	5.2	24
11	Unraveling the Extracellular Metabolism of Immortalized Hippocampal Neurons Under Normal Growth Conditions. <i>Frontiers in Chemistry</i> , 2021, 9, 621548.	3.6	2
12	One-Pot Process: Microwave-Assisted Keratin Extraction and Direct Electrospinning to Obtain Keratin-Based Bioplastic. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9597.	4.1	12
13	Early Diagnosis of Neutropenic Enterocolitis by Bedside Ultrasound in Hematological Malignancies: A Prospective Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4277.	2.4	6
14	Rosmarinic Acid and Ulvan from Terrestrial and Marine Sources in Anti-Microbial Bionanosystems and Biomaterials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9249.	2.5	10
15	Combining acid-based deep eutectic solvents and microwave irradiation for improved chestnut shell waste valorization. <i>Green Chemistry</i> , 2021, 23, 10101-10115.	9.0	42
16	Polyatomic Liquid Oxygen (PLO <sup>®</sup> ): A new methodology for the production in aqueous solution of reactive oxygen and nitrogen species (RONS) to be applied in medical treatments. <i>AIP Advances</i> , 2021, 11, 125218.	1.3	1
17	Thallium pollution in water, soils and plants from a past-mining site of Tuscany: Sources, transfer processes and toxicity. <i>Journal of Geochemical Exploration</i> , 2020, 209, 106434.	3.2	36
18	Organ Stiffness in the Work-Up of Myelofibrosis and Philadelphia-Negative Chronic Myeloproliferative Neoplasms. <i>Journal of Clinical Medicine</i> , 2020, 9, 2149.	2.4	2

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19	DSC on ovalbumin-hematite "tempera" paints: the role of water and pigment on protein stability. <i>Thermochimica Acta</i> , 2020, 694, 178780.	2.7	11
20	Validation and Application of a Derivatization-Free RP-HPLC-DAD Method for the Determination of Low Molecular Weight Salivary Metabolites. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6158.	2.6	5
21	Evaluation of Microbial Adhesion and Biofilm Formation on Nano-Structured and Nano-Coated Ortho-Prosthetic Materials by a Dynamic Model. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1013.	2.6	7
22	Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO <sub>2</sub> max cycle ergometer test. <i>Talanta</i> , 2020, 216, 120979.	5.5	20
23	HS-SPME-GC-MS approach for the analysis of volatile salivary metabolites and application in a case study for the indirect assessment of gut microbiota. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7551-7562.	3.7	15
24	Silica-Supported Ionic Liquids for Heat-Powered Sorption Desalination. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36497-36505.	8.0	31
25	Toxicity of Thallium at Low Doses: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4732.	2.6	31
26	Neurotoxicity Induced by Low Thallium Doses in Living Hippocampal Neurons: Evidence of Early Onset Mitochondrial Dysfunction and Correlation with Ethanol Production. <i>ACS Chemical Neuroscience</i> , 2019, 10, 451-459.	3.5	21
27	Influence of environmental and anthropogenic parameters on thallium oxidation state in natural waters. <i>Chemosphere</i> , 2018, 196, 1-8.	8.2	32
28	Analytical pyrolysis to gain insights into the protein structure. The case of ovalbumin. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 133, 59-67.	5.5	17
29	The effect of sampling procedures on the urate and lactate concentration in oral fluid. <i>Microchemical Journal</i> , 2018, 136, 255-262.	4.5	37
30	Determination of total cyanide in soil by isotope dilution GC/MS following pentafluorobenzyl derivatization. <i>Analytica Chimica Acta</i> , 2017, 961, 74-81.	5.4	14
31	Thallium release from acid mine drainages: Speciation in river and tap water from Valdicastello mining district (northwest Tuscany). <i>Talanta</i> , 2017, 171, 255-261.	5.5	53
32	Loading of halloysite nanotubes with BSA, $\alpha$ -Lac and $\beta$ -Lg: a Fourier transform infrared spectroscopic and thermogravimetric study. <i>Nanotechnology</i> , 2017, 28, 055706.	2.6	28
33	Potentiometric sensor for non invasive lactate determination in human sweat. <i>Analytica Chimica Acta</i> , 2017, 989, 80-87.	5.4	52
34	Thallium stimulates ethanol production in immortalized hippocampal neurons. <i>PLoS ONE</i> , 2017, 12, e0188351.	2.5	15
35	Magnetically driven nanoparticles: <sup>18</sup> F-FDG radiolabelling and positron emission tomography biodistribution study. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 561-571.	0.8	8
36	New polymeric sorbent for the solid-phase extraction of indole-3-acetic acid from plants followed by liquid chromatography " Fluorescence detector. <i>Microchemical Journal</i> , 2016, 128, 68-74.	4.5	12

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37	Conformational analysis of bovine serum albumin adsorbed on halloysite nanotubes and kaolinite: a Fourier transform infrared spectroscopy study. <i>RSC Advances</i> , 2016, 6, 72386-72398.	3.6	21
38	Indole-3-acetic acid in plant-pathogen interactions: a key molecule for in planta bacterial virulence and fitness. <i>Research in Microbiology</i> , 2016, 167, 774-787.	2.1	36
39	Studies on photochemical vapor generation of selenium with germicidal low power ultraviolet mercury lamp. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 126, 11-16.	2.9	20
40	Human exposure to thallium through tap water: A study from Valdicastello Carducci and Pietrasanta (northern Tuscany, Italy). <i>Science of the Total Environment</i> , 2016, 548-549, 33-42.	8.0	81
41	Fourier transform infrared spectroscopic study of rabbit glue/inorganic pigments mixtures in fresh and aged reference paint reconstructions. <i>Microchemical Journal</i> , 2016, 124, 31-35.	4.5	45
42	Ovalbumin labeling with p-hydroxymercurybenzoate: The effect of different denaturing agents and the kinetics of reaction. <i>Analytical Biochemistry</i> , 2015, 483, 27-33.	2.4	1
43	Study of the interaction between collagen and naturalized and commercial dyes by Fourier transform infrared spectroscopy and thermogravimetric analysis. <i>Dyes and Pigments</i> , 2015, 116, 65-73.	3.7	24
44	Determination of thiocyanate in saliva by headspace gas chromatography-mass spectrometry, following a single-step aqueous derivatization with triethyloxonium tetrafluoroborate. <i>Journal of Chromatography A</i> , 2015, 1400, 124-130.	3.7	30
45	Interactions between inorganic pigments and rabbit skin glue in reference paint reconstructions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 315-322.	3.6	41
46	FTIR study of ageing of fast drying oil colour (FDOC) alkyd paint replicas. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 130, 214-221.	3.9	35
47	Alkyd artists' paints: Do pigments affect the stability of the resin? A TG and DSC study on fast-drying oil colours. <i>Polymer Degradation and Stability</i> , 2014, 105, 48-58.	5.8	29
48	Heterogeneous catalytic reaction of microcrystalline cellulose in hydrothermal microwave-assisted decomposition: effect of modified zeolite Beta. <i>Green Chemistry</i> , 2014, 16, 1417-1425.	9.0	39
49	Surfactant recovery from mesoporous metal-modified materials (Sn <sup>2+</sup> , Y <sup>3+</sup> , Ce <sup>4+</sup> , Si <sup>4+</sup> -MCM-41), by ultrasound assisted ion-exchange extraction and its re-use for a microwave in situ cheap and eco-friendly MCM-41 synthesis. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7020-7033.	10.3	22
50	Mercury speciation by high-performance liquid chromatography atomic fluorescence spectrometry using an integrated microwave/UV interface. Optimization of a single step procedure for the simultaneous photo-oxidation of mercury species and photo-generation of Hg <sup>0</sup> . <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 101, 312-319.	2.9	32
51	Development and validation of a novel derivatization method for the determination of lactate in urine and saliva by liquid chromatography with UV and fluorescence detection. <i>Talanta</i> , 2014, 130, 280-287.	5.5	13
52	Direct, simple derivatization of disulfide bonds in proteins with organic mercury in alkaline medium without any chemical pre-reducing agents. <i>Analytica Chimica Acta</i> , 2014, 843, 1-6.	5.4	6
53	Impact of Protein Concentration on the Determination of Thiolic Groups of Ovalbumin: A Size Exclusion Chromatography-Chemical Vapor Generation-Atomic Fluorescence Spectrometry Study via Mercury Labeling. <i>Analytical Chemistry</i> , 2014, 86, 2251-2256.	6.5	19
54	Detection of proteins by hyphenated techniques with endogenous metal tags and metal chemical labelling. <i>Analyst</i> , 2014, 139, 4124-4153.	3.5	20

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55	Chemical analysis in a drop: a dynamic surface tension detector for polymer and protein characterization. <i>Polymer International</i> , 2013, 62, 1135-1143.	3.1	0
56	The effects of ferulic acid on $\beta$ -amyloid fibrillar structures investigated through experimental and computational techniques. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2924-2937.	2.4	23
57	Determination of thiomersal by flow injection coupled with microwave-assisted photochemical online oxidative decomposition of organic mercury and cold vapor atomic fluorescence spectroscopy. <i>Analytica Chimica Acta</i> , 2013, 804, 66-69.	5.4	23
58	Interaction of collagen with chlorosulphonated paraffin tanning agents: Fourier transform infrared spectroscopic analysis and molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14736.	2.8	15
59	$\beta$ -Glutamyltransferase catabolism of S-nitrosoglutathione modulates IL-8 expression in cystic fibrosis bronchial epithelial cells. <i>Free Radical Biology and Medicine</i> , 2013, 65, 360-370.	2.9	7
60	Multi-technique study of a ceramic archaeological artifact and its content. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 100, 144-148.	3.9	13
61	Microwave Photochemical Reactor for the Online Oxidative Decomposition of <i>p</i> -Hydroxymercurybenzoate ( <i>p</i> -HMB)-Tagged Proteins and Their Determination by Cold Vapor Generation-Atomic Fluorescence Detection. <i>Analytical Chemistry</i> , 2013, 85, 12152-12157.	6.5	11
62	$\beta$ -Amyloid Amorphous Aggregates Induced by the Small Natural Molecule Ferulic Acid. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13816-13821.	2.6	34
63	Interactions between inorganic pigments and proteinaceous binders in reference paint reconstructions. <i>Dalton Transactions</i> , 2013, 42, 5975-5984.	3.3	44
64	Photodegradation of Rhodamine B Using the Microwave/UV/H <sub>2</sub> O <sub>2</sub> : Effect of Temperature. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-12.	2.5	20
65	Simultaneous determination of lactate and pyruvate in human sweat using reversed-phase high-performance liquid chromatography: a noninvasive approach. <i>Biomedical Chromatography</i> , 2012, 26, 1408-1415.	1.7	71
66	Physico-chemical characterization of protein-pigment interactions in tempera paint reconstructions: casein/cinnabar and albumin/cinnabar. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2183-2193.	3.7	62
67	Microwave-Assisted Photochemical Reactor for the Online Oxidative Decomposition and Determination of <i>p</i> -Hydroxymercurybenzoate and Its Thiolic Complexes by Cold Vapor Generation Atomic Fluorescence Detection. <i>Analytical Chemistry</i> , 2011, 83, 338-343.	6.5	36
68	The determination of S-nitrosothiols in biological samples-Procedures, problems and precautions. <i>Life Sciences</i> , 2011, 88, 126-129.	4.3	10
69	Characterization of BSA unfolding and aggregation using a single-capillary viscometer and dynamic surface tension detector. <i>Talanta</i> , 2011, 85, 2553-2561.	5.5	16
70	Flow injection-chemical vapor generation atomic fluorescence spectrometry hyphenated system for organic mercury determination: A step forward. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 799-804.	2.9	26
71	Oxidative decomposition of atrazine in water in the presence of hydrogen peroxide using an innovative microwave photochemical reactor. <i>Journal of Hazardous Materials</i> , 2011, 186, 1808-1815.	12.4	41
72	Tocopherol speciation as first screening for the assessment of extra virgin olive oil quality by reversed-phase high-performance liquid chromatography/fluorescence detector. <i>Food Chemistry</i> , 2011, 125, 1423-1429.	8.2	59

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73	Assessment of the pollution potential of mercury contaminated biosolids. <i>Environmental Chemistry</i> , 2010, 7, 146.	1.5	10
74	Effects of hypericin on the structure and aggregation properties of $\beta$ -amyloid peptides. <i>European Biophysics Journal</i> , 2010, 39, 1493-1501.	2.2	34
75	Short-time effect of heavy metals upon microbial community activity. <i>Journal of Hazardous Materials</i> , 2010, 173, 510-516.	12.4	138
76	Speciation and determination of thiols in biological samples using high performance liquid chromatography–inductively coupled plasma-mass spectrometry and high performance liquid chromatography–Orbitrap MS. <i>Analytica Chimica Acta</i> , 2010, 680, 41-47.	5.4	28
77	Qualitative and quantitative analysis of wood samples by Fourier transform infrared spectroscopy and multivariate analysis. <i>Carbohydrate Polymers</i> , 2010, 82, 772-778.	10.2	252
78	Mapping of Selenium Metabolic Pathway in Yeast by Liquid Chromatography–Orbitrap Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 8121-8130.	6.5	52
79	Analysis of commercial beverage products by size exclusion chromatography coupled with UV–vis absorbance detection and dynamic surface tension detection. <i>Talanta</i> , 2010, 80, 1445-1451.	5.5	8
80	Determination of S-nitrosoglutathione in plasma: Comparison of two methods. <i>Talanta</i> , 2010, 81, 1295-1299.	5.5	23
81	Derivatization of GSSG by pHMB in alkaline media. Determination of oxidized glutathione in blood. <i>Talanta</i> , 2010, 82, 815-820.	5.5	13
82	Determination of Thiols in Yeast by HPLC Coupled with LTQ-Orbitrap Mass Spectrometry after Derivatization with <i>p</i> -(Hydroxymercuri)benzoate. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1462-1468.	5.2	34
83	Study on the toxic effects of diphenol compounds on soil microbial activity by a combination of methods. <i>Journal of Hazardous Materials</i> , 2009, 167, 846-851.	12.4	68
84	A novel microwave photochemical reactor for the oxidative decomposition of Acid Orange 7 azo dye by MW/UV/H <sub>2</sub> O <sub>2</sub> process. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 115-121.	3.9	29
85	Acute toxic effects of three pesticides on <i>Pseudomonas putida</i> monitored by microcalorimeter. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009, 44, 157-163.	1.5	7
86	Evaluation of solvent tolerance of microorganisms by microcalorimetry. <i>Chemosphere</i> , 2009, 74, 1407-1411.	8.2	18
87	Reply to comments of Tsikas on “Determination of S-nitrosoglutathione and other nitrosothiols by <i>p</i> -hydroxymercurybenzoate derivatization and reverse phase chromatography coupled with chemical vapor generation atomic fluorescence detection” by Bramanti et al.. <i>Talanta</i> , 2009, 79, 554-555.	5.5	6
88	A kinetic study of gamma-glutamyltransferase (GGT)-mediated S-nitrosoglutathione catabolism. <i>Archives of Biochemistry and Biophysics</i> , 2009, 481, 191-196.	3.0	25
89	Exogenous vs. endogenous $\beta$ -glutamyltransferase activity: Implications for the specific determination of S-nitrosoglutathione in biological samples. <i>Archives of Biochemistry and Biophysics</i> , 2009, 487, 146-152.	3.0	19
90	A high performance gel filtration chromatography method for $\beta$ -glutamyltransferase fraction analysis. <i>Analytical Biochemistry</i> , 2008, 374, 1-6.	2.4	58

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91	Determination of thiolic compounds as mercury complexes by cold vapor atomic absorption spectrometry and its application to wines. <i>Talanta</i> , 2008, 74, 936-943.	5.5	21
92	Determination of S-nitrosoglutathione and other nitrosothiols by p-hydroxymercurybenzoate derivatization and reverse phase chromatography coupled with chemical vapor generation atomic fluorescence detection. <i>Talanta</i> , 2008, 77, 684-694.	5.5	22
93	Microcalorimetric investigation of the toxic action of ammonium ferric(III) sulfate on the metabolic activity of pure microbes. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 351-357.	4.0	13
94	Microcalorimetric study the toxic effect of hexavalent chromium on microbial activity of Wuhan brown sandy soil: An in vitro approach. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 289-295.	6.0	56
95	Fractions of plasma gamma-glutamyltransferase in healthy individuals: Reference values. <i>Clinica Chimica Acta</i> , 2008, 395, 188-189.	1.1	30
96	A microcalorimetric method for studying the toxic effect of different diphenol species on the growth of <i>Escherichia coli</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 613-620.	1.7	11
97	Isolation and characterization of aniline-degrading <i>Rhodococcus</i> sp. strain AN5. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 2009-2016.	1.7	15
98	An in vitro microcalorimetric method for studying the toxic effect of cadmium on microbial activity of an agricultural soil. <i>Ecotoxicology</i> , 2007, 16, 503-509.	2.4	16
99	Flow injection analysis with diode array absorbance detection and dynamic surface tension detection for studying denaturation and surface activity of globular proteins. <i>Analytical Biochemistry</i> , 2006, 351, 100-113.	2.4	16
100	Determination of hydrogen sulfide and volatile thiols in air samples by mercury probe derivatization coupled with liquid chromatography-atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 2006, 579, 38-46.	5.4	33
101	Determination and characterization of phytochelatins by liquid chromatography coupled with on line chemical vapour generation and atomic fluorescence spectrometric detection. <i>Journal of Chromatography A</i> , 2006, 1133, 195-203.	3.7	19
102	Solid state <sup>13</sup> C NMR and FT-IR spectroscopy of the cocoon silk of two common spiders. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 105-111.	3.9	22
103	AN 8500-YEAR-OLD BLADDER STONE FROM UZZO CAVE (TRAPANI): FOURIER TRANSFORM-INFRARED SPECTROSCOPY ANALYSIS*. <i>Archaeometry</i> , 2005, 47, 127-136.	1.3	22
104	Speciation and Quantification of Thiols by Reversed-Phase Chromatography Coupled with On-Line Chemical Vapor Generation and Atomic Fluorescence Spectrometric Detection: Method Validation and Preliminary Application for Glutathione Measurements in Human Whole Blood. <i>Clinical Chemistry</i> , 2005, 51, 1007-1013.	3.2	26
105	High-Throughput Screening of Protein Surface Activity via Flow Injection Analysis-pH Gradient-Dynamic Surface Tension Detection. <i>Analytical Chemistry</i> , 2005, 77, 250-258.	6.5	13
106	Mercury speciation by liquid chromatography coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection (LC-CVGAFS). <i>Talanta</i> , 2005, 66, 762-768.	5.5	67
107	Effects of Sucrose on the Internal Dynamics of Azurin. <i>Biophysical Journal</i> , 2005, 88, 4213-4222.	0.5	53
108	Multidimensional analysis of denatured milk proteins by hydrophobic interaction chromatography coupled to a dynamic surface tension detector. <i>Journal of Chromatography A</i> , 2004, 1023, 79-91.	3.7	12

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109	Determination, by dynamic surface-tension analysis, of the molar mass of proteins denatured in guanidine thiocyanate. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 134-143.	3.7	5
110	Study of the disulfide reduction of denatured proteins by liquid chromatography coupled with on-line cold-vapor-generation atomic-fluorescence spectrometry (LC-CVGAFS). <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 310-318.	3.7	15
111	Quantitation of reduced glutathione and cysteine in human immunodeficiency virus-infected patients. <i>Electrophoresis</i> , 2004, 25, 1522-1529.	2.4	37
112	S-Adenosyl methionine/S-adenosyl-L-homocysteine ratio determination by capillary electrophoresis employed as a monitoring tool for the antiviral effectiveness of adenosine analogs. <i>Electrophoresis</i> , 2004, 25, 1518-1521.	2.4	15
113	Hydrophobic interaction chromatography coupled with atomic fluorescence spectrometric detection. <i>Talanta</i> , 2004, 63, 383-389.	5.5	17
114	Size-Exclusion Chromatography with Dynamic Surface Tension Detection: Analysis of Polymers and Proteins. <i>ACS Symposium Series</i> , 2004, , 266-280.	0.5	1
115	Characterization of denatured metallothioneins by reversed phase coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection. <i>Journal of Chromatography A</i> , 2004, 1054, 285-291.	3.7	14
116	Characterization of denatured metallothioneins by reversed phase coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection. <i>Journal of Chromatography A</i> , 2004, 1054, 285-291.	3.7	9
117	Characterization of denatured metallothioneins by reversed phase coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection. <i>Journal of Chromatography A</i> , 2004, 1054, 285-91.	3.7	4
118	Characterization of denatured proteins by hydrophobic interaction chromatography: A preliminary study. <i>Biopolymers</i> , 2003, 69, 293-300.	2.4	8
119	Separation and determination of denatured $\hat{1}\pm s1$ -, $\hat{1}\pm s2$ -, $\hat{1}^2$ - and $\hat{1}^e$ -caseins by hydrophobic interaction chromatography in cows <sup>TM</sup> , ewes <sup>TM</sup> and goats <sup>TM</sup> milk, milk mixtures and cheeses. <i>Journal of Chromatography A</i> , 2003, 994, 59-74.	3.7	86
120	New chromatographic method for separation and determination of denatured $\hat{1}\pm s1$ -, $\hat{1}\pm s2$ -, $\hat{1}^2$ - and $\hat{1}^e$ -caseins by hydrophobic interaction chromatography. <i>Journal of Chromatography A</i> , 2002, 958, 157-166.	3.7	16
121	Separation and determination of denatured caseins by hydrophobic interaction chromatography. Part II. Method validation and applications. <i>Analyst</i> , The, 2001, 126, 995-1000.	3.5	10
122	New method for separation and determination of denatured caseins by hydrophobic interaction chromatography. <i>Talanta</i> , 2001, 54, 343-349.	5.5	11
123	Selective determination of thiolic proteins by hydrophobic interaction chromatography coupled with on-line cold vapour atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 166-171.	3.0	32
124	Improving the analytical performance of hydride generation non-dispersive atomic fluorescence spectrometry. Combined effect of additives and optical filters. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1893-1907.	2.9	39
125	Characterization of acrylic resins and fluoroelastomer blends as potential materials in stone protection. <i>Polymer International</i> , 2000, 49, 888-892.	3.1	24
126	Studies in hydride generation atomic fluorescence determination of selenium and tellurium. Part 1 "self interference effect in hydrogen telluride generation and the effect of KI. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000, 55, 1325-1336.	2.9	37



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127	Multidimensional Analysis of Poly(ethylene glycols) by Size Exclusion Chromatography and Dynamic Surface Tension Detection. <i>Analytical Chemistry</i> , 2000, 72, 4372-4380.	6.5	10
128	Clay-nucleic acid complexes: characteristics and implications for the preservation of genetic material in primeval habitats. <i>Origins of Life and Evolution of Biospheres</i> , 1999, 29, 297-315.	1.9	96
129	Application of Mercury Cold Vapor Atomic Fluorescence Spectrometry to the Characterization of Mercury-Accessible $\hat{\alpha}$ SH Groups in Native Proteins. <i>Analytical Biochemistry</i> , 1999, 274, 163-173.	2.4	26
130	$^{203}\text{Hg}$ labelled PHMB as reagent for the determination of $\hat{\alpha}$ SH groups in native and denatured proteins by hydrophobic interaction chromatography. <i>Analyst</i> , The, 1999, 124, 511-515.	3.5	8
131	Cold vapour atomic fluorescence studies on the behaviour of mercury(II) and mercury(II)-thiol complexes. An alternative route for characterization of $\hat{\alpha}$ SH binding groups. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 179-185.	3.0	52
132	Structural Dependence of the Cellular Isoform of Prion Protein on Solvent: Spectroscopic Characterization of an Intermediate Conformation. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 972-978.	2.1	8
133	Thermal and Spectroscopic Characterization of Interactions between 2-Nonyl-1,3-Dioxolane and Stratum Corneum Components. <i>Journal of Bioactive and Compatible Polymers</i> , 1999, 14, 162-177.	2.1	17
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