

# 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  
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147  
all docs

147  
docs citations

147  
times ranked

4820  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Determination of the Relative Amount of Nucleic Acids and Proteins in Leukemic and Normal Lymphocytes by Means of Fourier Transform Infrared Microspectroscopy. <i>Applied Spectroscopy</i> , 1997, 51, 792-797.	2.2	150
3	Short-time effect of heavy metals upon microbial community activity. <i>Journal of Hazardous Materials</i> , 2010, 173, 510-516.	12.4	138
4	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
5	Determination of the secondary structure of isomeric forms of human serum albumin by a particular frequency deconvolution procedure applied to fourier transform IR analysis. , 1998, 38, 639-653.		92
6	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 cowsâ€™, ewesâ€™ and goatsâ€™ milk, milk mixtures and cheeses. <i>Journal of Chromatography A</i> , 2003, 994, 59-74.	3.7	86
7	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
8	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
9	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
10	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
11	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
12	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
13	A high performance gel filtration chromatography method for $\hat{1}^3$ -glutamyltransferase fraction analysis. <i>Analytical Biochemistry</i> , 2008, 374, 1-6.	2.4	58
14	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
15	Effects of Sucrose on the Internal Dynamics of Azurin. <i>Biophysical Journal</i> , 2005, 88, 4213-4222.	0.5	53
16	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
17	Cold vapour atomic fluorescence studies on the behaviour of mercury(II) and mercury(II)-thiol complexes. An alternative route for characterization of -SH binding groups. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 179-185.	3.0	52
18	Mapping of Selenium Metabolic Pathway in Yeast by Liquid Chromatography-Orbitrap Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 8121-8130.	6.5	52

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19	Potentiometric sensor for non invasive lactate determination in human sweat. <i>Analytica Chimica Acta</i> , 2017, 989, 80-87.	5.4	52
20	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
21	Interactions between inorganic pigments and proteinaceous binders in reference paint reconstructions. <i>Dalton Transactions</i> , 2013, 42, 5975-5984.	3.3	44
22	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
23	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
24	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
25	Determination of copper complexation in sea water by a ligand competition technique with voltammetric measurement of the labile metal fraction. <i>Analytica Chimica Acta</i> , 1992, 264, 153-162.	5.4	40
26	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
27	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
28	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
29	Quantitation of reduced glutathione and cysteine in human immunodeficiency virus-infected patients. <i>Electrophoresis</i> , 2004, 25, 1522-1529.	2.4	37
30	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
31	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
32	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
33	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
34	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
35	Effects of hypericin on the structure and aggregation properties of $\beta^2$ -amyloid peptides. <i>European Biophysics Journal</i> , 2010, 39, 1493-1501.	2.2	34
36	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

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37	$\beta$ -Amyloid Amorphous Aggregates Induced by the Small Natural Molecule Ferulic Acid. Journal of Physical Chemistry B, 2013, 117, 13816-13821.	2.6	34
38	Determination of hydrogen sulfide and volatile thiols in air samples by mercury probe derivatization coupled with liquid chromatography-atomic fluorescence spectrometry. Analytica Chimica Acta, 2006, 579, 38-46.	5.4	33
39	Selective determination of thiolic proteins by hydrophobic interaction chromatography coupled with on-line cold vapour atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 166-171.	3.0	32
40	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 HgO. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 101, 312-319.	2.9	32
41	Influence of environmental and anthropogenic parameters on thallium oxidation state in natural waters. Chemosphere, 2018, 196, 1-8.	8.2	32
42	Silica-Supported Ionic Liquids for Heat-Powered Sorption Desalination. ACS Applied Materials & Interfaces, 2019, 11, 36497-36505.	8.0	31
43	Toxicity of Thallium at Low Doses: A Review. International Journal of Environmental Research and Public Health, 2019, 16, 4732.	2.6	31
44	Determination of secondary structure of normal fibrin from human peripheral blood. , 1997, 41, 545-553.		30
45	Fractions of plasma gamma-glutamyltransferase in healthy individuals: Reference values. Clinica Chimica Acta, 2008, 395, 188-189.	1.1	30
46	Determination of thiocyanate in saliva by headspace gas chromatography-mass spectrometry, following a single-step aqueous derivatization with triethyloxonium tetrafluoroborate. Journal of Chromatography A, 2015, 1400, 124-130.	3.7	30
47	Secondary Structure and Ca <sup>2+</sup> -induced Conformational Change of Calnexin, a Learning-associated Protein. Journal of Biological Chemistry, 1997, 272, 24771-24779.	3.4	29
48	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. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 204, 115-121.	3.9	29
49	Alkyd artists' paints: Do pigments affect the stability of the resin? A TG and DSC study on fast-drying oil colours. Polymer Degradation and Stability, 2014, 105, 48-58.	5.8	29
50	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. Analytica Chimica Acta, 2010, 680, 41-47.	5.4	28
51	Loading of halloysite nanotubes with BSA, $\beta$ -Lac and $\beta$ -Lg: a Fourier transform infrared spectroscopic and thermogravimetric study. Nanotechnology, 2017, 28, 055706.	2.6	28
52	Application of Mercury Cold Vapor Atomic Fluorescence Spectrometry to the Characterization of Mercury-Accessible $\beta$ -SH Groups in Native Proteins. Analytical Biochemistry, 1999, 274, 163-173.	2.4	26
53	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. Clinical Chemistry, 2005, 51, 1007-1013.	3.2	26
54	Flow injection-chemical vapor generation atomic fluorescence spectrometry hyphenated system for organic mercury determination: A step forward. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 799-804.	2.9	26

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55	A kinetic study of gamma-glutamyltransferase (GGT)-mediated S-nitrosoglutathione catabolism. Archives of Biochemistry and Biophysics, 2009, 481, 191-196.	3.0	25
56	Characterization of acrylic resins and fluoroelastomer blends as potential materials in stone protection. Polymer International, 2000, 49, 888-892.	3.1	24
57	Study of the interaction between collagen and naturalized and commercial dyes by Fourier transform infrared spectroscopy and thermogravimetric analysis. Dyes and Pigments, 2015, 116, 65-73.	3.7	24
58	In situ microwave assisted extraction of clove buds to isolate essential oil, polyphenols, and lignocellulosic compounds. Industrial Crops and Products, 2021, 161, 113203.	5.2	24
59	Voltammetric behaviour of marine hydrophobic copper complexes: effect of adsorption processes at a mercury electrode. Analytica Chimica Acta, 1993, 277, 137-144.	5.4	23
60	Determination of S-nitrosoglutathione in plasma: Comparison of two methods. Talanta, 2010, 81, 1295-1299.	5.5	23
61	The effects of ferulic acid on $\beta$ -amyloid fibrillar structures investigated through experimental and computational techniques. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2924-2937.	2.4	23
62	Determination of thiomersal by flow injection coupled with microwave-assisted photochemical online oxidative decomposition of organic mercury and cold vapor atomic fluorescence spectroscopy. Analytica Chimica Acta, 2013, 804, 66-69.	5.4	23
63	A frequency deconvolution procedure using a conjugate gradient minimization method with suitable constraints. Journal of Chemometrics, 1994, 8, 409-421.	1.3	22
64	Solid state $^{13}\text{C}$ NMR and FT-IR spectroscopy of the cocoon silk of two common spiders. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 62, 105-111.	3.9	22
65	AN 8500-YEAR-OLD BLADDER STONE FROM UZZO CAVE (TRAPANI): FOURIER TRANSFORM-INFRARED SPECTROSCOPY ANALYSIS*. Archaeometry, 2005, 47, 127-136.	1.3	22
66	Determination of S-nitrosoglutathione and other nitrosothiols by p-hydroxymercurybenzoate derivatization and reverse phase chromatography coupled with chemical vapor generation atomic fluorescence detection. Talanta, 2008, 77, 684-694.	5.5	22
67	Surfactant recovery from mesoporous metal-modified materials ( $\text{Sn}^{\text{II}}$ , $\text{Y}^{\text{III}}$ , $\text{Ce}^{\text{IV}}$ , $\text{Si}^{\text{IV}}$ -MCM-41), by ultrasound assisted ion-exchange extraction and its re-use for a microwave in situ cheap and eco-friendly MCM-41 synthesis. Journal of Materials Chemistry A, 2014, 2, 7020-7033.	10.3	22
68	Determination of thiolic compounds as mercury complexes by cold vapor atomic absorption spectrometry and its application to wines. Talanta, 2008, 74, 936-943.	5.5	21
69	Conformational analysis of bovine serum albumin adsorbed on halloysite nanotubes and kaolinite: a Fourier transform infrared spectroscopy study. RSC Advances, 2016, 6, 72386-72398.	3.6	21
70	Neurotoxicity Induced by Low Thallium Doses in Living Hippocampal Neurons: Evidence of Early Onset Mitochondrial Dysfunction and Correlation with Ethanol Production. ACS Chemical Neuroscience, 2019, 10, 451-459.	3.5	21
71	Thermal Phase Transitions of Carbon Monoxide-Ethylene Alternating Copolymer: An FT/IR Study. Polymers for Advanced Technologies, 1997, 8, 53-62.	3.2	20
72	Photodegradation of Rhodamine B Using the Microwave/UV/ $\text{H}_2\text{O}_2$ : Effect of Temperature. International Journal of Photoenergy, 2013, 2013, 1-12.	2.5	20

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73	Detection of proteins by hyphenated techniques with endogenous metal tags and metal chemical labelling. <i>Analyst</i> , The, 2014, 139, 4124-4153.	3.5	20
74	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
75	Saliva as a non-invasive tool for monitoring oxidative stress in swimmers athletes performing a VO2max cycle ergometer test. <i>Talanta</i> , 2020, 216, 120979.	5.5	20
76	Determination and characterization of phytochelatin 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
77	Exogenous vs. endogenous $\hat{3}$ -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
78	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
79	Evaluation of solvent tolerance of microorganisms by microcalorimetry. <i>Chemosphere</i> , 2009, 74, 1407-1411.	8.2	18
80	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
81	Hydrophobic interaction chromatography coupled with atomic fluorescence spectrometric detection. <i>Talanta</i> , 2004, 63, 383-389.	5.5	17
82	Recombinant $\hat{1}\pm 2\alpha$ interferon and polycythemia vera: Clinical results and biological evaluation by means of Fourier-“transform infrared microspectroscopy. <i>European Journal of Haematology</i> , 1994, 53, 213-217.	2.2	17
83	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
84	New chromatographic method for separation and determination of denatured $\hat{1}\pm s1$ -, $\hat{1}\pm s2$ -, $\hat{1}^2$ - and $\hat{1}^0$ -caseins by hydrophobic interaction chromatography. <i>Journal of Chromatography A</i> , 2002, 958, 157-166.	3.7	16
85	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
86	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
87	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
88	Qualitative and quantitative analysis of the secondary structure of cytochrome C Langmuir-Blodgett films. , 1997, 42, 227-237.		15
89	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
90	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

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91	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
92	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
93	Thallium stimulates ethanol production in immortalized hippocampal neurons. <i>PLoS ONE</i> , 2017, 12, e0188351.	2.5	15
94	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
95	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
96	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
97	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
98	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
99	Derivatization of GSSG by pHMB in alkaline media. Determination of oxidized glutathione in blood. <i>Talanta</i> , 2010, 82, 815-820.	5.5	13
100	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
101	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
102	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
103	New polymeric sorbent for the solid-phase extraction of indole-3-acetic acid from plants followed by liquid chromatography with fluorescence detector. <i>Microchemical Journal</i> , 2016, 128, 68-74.	4.5	12
104	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
105	New method for separation and determination of denatured caseins by hydrophobic interaction chromatography. <i>Talanta</i> , 2001, 54, 343-349.	5.5	11
106	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
107	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
108	DSC on ovalbumin-hematite emulsions: the role of water and pigment on protein stability. <i>Thermochimica Acta</i> , 2020, 694, 178780.	2.7	11



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109	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
110	Separation and determination of denatured caseins by hydrophobic interaction chromatography. Part II. Method validation and applications. <i>Analyst, The</i> , 2001, 126, 995-1000.	3.5	10
111	Assessment of the pollution potential of mercury contaminated biosolids. <i>Environmental Chemistry</i> , 2010, 7, 146.	1.5	10
112	The determination of S-nitrosothiols in biological samples—Procedures, problems and precautions. <i>Life Sciences</i> , 2011, 88, 126-129.	4.3	10
113	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
114	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
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	9
116	<sup>203</sup> Hg labelled PHMB as reagent for the determination of -SH groups in native and denatured proteins by hydrophobic interaction chromatography. <i>Analyst, The</i> , 1999, 124, 511-515.	3.5	8
117	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
118	Characterization of denatured proteins by hydrophobic interaction chromatography: A preliminary study. <i>Biopolymers</i> , 2003, 69, 293-300.	2.4	8
119	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
120	Magnetically driven nanoparticles: <sup>18</sup> F-radiolabelling and positron emission tomography biodistribution study. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 561-571.	0.8	8
121	Structural characterization of electrospun tetraethylortosilicate (TEOS)/Polyvinylpyrrolidone (PVP) microfibrils. <i>Materials Chemistry and Physics</i> , 2022, 287, 126248.	4.0	8
122	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
123	<sup>13</sup> C-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
124	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
125	Reply to comments of Tsikas on "Determination of S-nitrosoglutathione and other nitrosothiols by p-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
126	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



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127	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
128	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
129	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
130	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
131	Response assessment to venetoclax in relapsed/refractory chronic lymphocytic leukemia by ultrasonography. <i>Leukemia Research</i> , 2021, 100, 106488.	0.8	3
132	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
133	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
134	Reactivity of Nucleic Acids with Ozone: An FT-IR Microspectroscopy Study. <i>Applied Spectroscopy</i> , 1997, 51, 1516-1520.	2.2	2
135	Simultaneous determination of denatured proteins by hydrophobic interaction chromatography. <i>Analytical Communications</i> , 1998, 35, 399-402.	2.2	2
136	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
137	Unraveling the Extracellular Metabolism of Immortalized Hippocampal Neurons Under Normal Growth Conditions. <i>Frontiers in Chemistry</i> , 2021, 9, 621548.	3.6	2
138	Thermal Stability of Ionic Liquids: Effect of Metals. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1652.	2.5	2
139	Size-Exclusion Chromatography with Dynamic Surface Tension Detection: Analysis of Polymers and Proteins. <i>ACS Symposium Series</i> , 2004, , 266-280.	0.5	1
140	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
141	Determination of secondary structure of normal fibrin from human peripheral blood. <i>Biopolymers</i> , 1997, 41, 545-553.	2.4	1
142	Time-dependent influence of high glucose environment on the metabolism of neuronal immortalized cells. <i>Analytical Biochemistry</i> , 2022, 645, 114607.	2.4	1
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	A novel desiccant compound for air humidification and dehumidification. Applied Thermal Engineering, 2022, 214, 118857.	6.0	1
146	Fourier transform infrared microspectroscopy shows significant differences between spectra of undifferentiated and polynucleated FLG 29.1 dried cells. , 1994, 2083, 195.		0
147	Chemical analysis in a drop: a dynamic surface tension detector for polymer and protein characterization. Polymer International, 2013, 62, 1135-1143.	3.1	0