

# Gabriel L Radu

## List of Publications by Year in descending order

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154  
papers

2,084  
citations

279487

23  
h-index

344852

36  
g-index

159  
all docs

159  
docs citations

159  
times ranked

3270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laccaseâ€“MWCNTâ€“chitosan biosensorâ€“A new tool for total polyphenolic content evaluation from in vitro cultivated plants. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 800-806.	4.0	123
2	Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 75, 232-237.	5.3	104
3	Label-free detection of lysozyme in wines using an aptamer based biosensor and SPR detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 198-204.	4.0	66
4	Disposable biosensor based on platinum nanoparticles-reduced graphene oxide-laccase biocomposite for the determination of total polyphenolic content. <i>Talanta</i> , 2013, 110, 164-170.	2.9	62
5	Optimization of hydroxyl radical formation using TiO <sub>2</sub> as photocatalyst by response surface methodology. <i>Talanta</i> , 2008, 77, 858-862.	2.9	61
6	Geographical and Botanical Origin Discrimination of Romanian Honey Using Complex Stable Isotope Data and Chemometrics. <i>Food Analytical Methods</i> , 2015, 8, 401-412.	1.3	56
7	Novel progerin-interactive partner proteins hnRNP E1, EGF, Mel 18, and UBC9 interact with lamin A/C. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 855-861.	1.0	48
8	Assessment of acetylcholinesterase and tyrosinase inhibitory and antioxidant activity of <i>Alchemilla vulgaris</i> and <i>Filipendula ulmaria</i> extracts. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 52, 1-6.	2.7	48
9	Bienzymatic sensor based on the use of redox enzymes and chitosanâ€“MWCNT nanocomposite. Evaluation of total phenolic content in plant extracts. <i>Mikrochimica Acta</i> , 2011, 172, 177-184.	2.5	39
10	Disposable dual sensor array for simultaneous determination of chlorogenic acid and caffeine from coffee. <i>RSC Advances</i> , 2015, 5, 261-268.	1.7	39
11	Regional and Vintage Discrimination of Romanian Wines Based on Elemental and Isotopic Fingerprinting. <i>Food Analytical Methods</i> , 2016, 9, 2406-2417.	1.3	35
12	Antioxidant activity, acetylcholinesterase and tyrosinase inhibitory potential of <i>Pulmonaria officinalis</i> and <i>Centarium umbellatum</i> extracts. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 578-585.	1.8	34
13	Cephalosporin release from functionalized MCM-41 supports interpreted by various models. <i>Microporous and Mesoporous Materials</i> , 2012, 162, 80-90.	2.2	33
14	Methods for the Determination of Antioxidant Capacity in Food and Raw Materials. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 241-249.	0.8	32
15	Effect of sodium carboxymethyl cellulose on gluten-free dough rheology. <i>Journal of Food Engineering</i> , 2016, 168, 16-19.	2.7	32
16	FOOD CHAIN BIOMAGNIFICATION OF HEAVY METALS IN SAMPLES FROM THE LOWER PRUT FLOODPLAIN NATURAL PARK. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 69-73.	0.2	31
17	Determination of Silver(I) by Differential Pulse Voltammetry Using a Glassy Carbon Electrode Modified with Synthesized N-(2-Aminoethyl)-4,4'-Bipyridine. <i>Sensors</i> , 2010, 10, 11340-11351.	2.1	29
18	Analysis of methanolâ€“ethanol mixtures from falsified beverages using a dual biosensors amperometric system based on alcohol dehydrogenase and alcohol oxidase. <i>European Food Research and Technology</i> , 2008, 226, 1335-1342.	1.6	28

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19	Polyphenol composition and antioxidant activity of selected medicinal herbs. <i>Chemistry of Natural Compounds</i> , 2011, 47, 22-26.	0.2	28
20	Anti-inflammatory and antioxidant activities of the <i>Impatiens noli-tangere</i> and <i>Stachys officinalis</i> polyphenolic-rich extracts. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 57-64.	0.6	26
21	Laccase-Nafion Based Biosensor for the Determination of Polyphenolic Secondary Metabolites. <i>Analytical Letters</i> , 2010, 43, 1089-1099.	1.0	25
22	Capillary Electrophoresis Method for 20 Polyphenols Separation in Propolis and Plant Extracts. <i>Food Analytical Methods</i> , 2015, 8, 1197-1206.	1.3	25
23	Determination of the antiradical properties of olive oils using an electrochemical method based on DPPH radical. <i>Food Chemistry</i> , 2015, 166, 324-329.	4.2	25
24	<i>In Vitro</i> Evaluation of Antidiabetic and Anti-Inflammatory Activities of Polyphenolic-Rich Extracts from <i>Anchusa officinalis</i> and <i>Melilotus officinalis</i> . <i>ACS Omega</i> , 2020, 5, 13014-13022.	1.6	25
25	Lignans from Medicinal Plants and their Anticancer Effect. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1083-1090.	1.1	24
26	Phenolic and Anthocyanin Profile of Valea Calugareasca Red Wines by HPLC-PDA-MS and MALDI-TOF Analysis. <i>Food Analytical Methods</i> , 2016, 9, 300-310.	1.3	23
27	Chemical and Bioactivity Evaluation of <i>Eryngium planum</i> and <i>Cnicus benedictus</i> Polyphenolic-Rich Extracts. <i>BioMed Research International</i> , 2019, 2019, 1-10.	0.9	23
28	Electrode-modified with nanoparticles composed of 4,4'-bipyridine-silver coordination polymer for sensitive determination of Hg(II), Cu(II) and Pb(II). <i>New Journal of Chemistry</i> , 2014, 38, 5641-5646.	1.4	22
29	Estimation of the antioxidative properties of tocopherols - an electrochemical approach. <i>European Food Research and Technology</i> , 2000, 211, 218-221.	1.6	21
30	Biosensors for the Determination of Phenolic Metabolites. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 234-240.	0.8	21
31	Comparative Proteomics Reveals Novel Components at the Plasma Membrane of Differentiated HepaRC Cells and Different Distribution in Hepatocyte- and Biliary-Like Cells. <i>PLoS ONE</i> , 2013, 8, e71859.	1.1	20
32	Bienzymatic Biosensor for Rapid Detection of Aspartame by Flow Injection Analysis. <i>Sensors</i> , 2014, 14, 1028-1038.	2.1	20
33	Evaluation of <i>Geranium</i> spp., <i>Helleborus</i> spp. and <i>Hyssopus</i> spp. polyphenolic extracts inhibitory activity against urease and $\pm$ -chymotrypsin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 28-34.	2.5	20
34	Electrodeposited Organic Layers Formed from Aryl Diazonium Salts for Inhibition of Copper Corrosion. <i>Materials</i> , 2017, 10, 235.	1.3	19
35	The Potential of Flavonoids and Tannins from Medicinal Plants as Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 2216-2227.	0.9	19
36	Antitumour, antimicrobial and catalytic activity of gold nanoparticles synthesized by different pH propolis extracts. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	18

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37	A new analytical method for the determination of beta-blockers and one metabolite in the influents and effluents of three urban wastewater treatment plants. <i>Analytical Methods</i> , 2019, 11, 4668-4680.	1.3	18
38	Selection and evaluation of potential biocontrol rhizobacteria from a raised bog environment. <i>Crop Protection</i> , 2013, 52, 116-124.	1.0	17
39	Carbon and diamond paste microelectrodes based on Mn(III) porphyrins for the determination of dopamine. <i>Analytica Chimica Acta</i> , 2010, 668, 201-207.	2.6	15
40	Critical Evaluation of Acetylthiocholine Iodide and Acetylthiocholine Chloride as Substrates for Amperometric Biosensors Based on Acetylcholinesterase. <i>Sensors</i> , 2013, 13, 1603-1613.	2.1	15
41	Analysis of Phenolic Compounds in Some Medicinal Herbs by LC-MS. <i>Journal of Chromatographic Science</i> , 2015, 53, 1147-1154.	0.7	15
42	Graphene and gold nanoparticles based reagentless biodevice for phenolic endocrine disruptors monitoring. <i>Microchemical Journal</i> , 2015, 121, 130-135.	2.3	15
43	Amino Acid Profile of Fruits as Potential Fingerprints of Varietal Origin. <i>Molecules</i> , 2019, 24, 4500.	1.7	15
44	Membrane processes application on the <i>Symphytum officinale</i> and <i>Geranium robertianum</i> extracts concentration to obtain high antioxidative activity compounds. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 1191-1203.	0.4	14
45	Highly sensitive detection and discrimination of LR and YR microcystins based on protein phosphatases and an artificial neural network. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 711-720.	1.9	14
46	FTIR and statistical studies on amber artefacts from three Romanian archaeological sites. <i>Journal of Archaeological Science</i> , 2012, 39, 3524-3533.	1.2	14
47	A quasi non-destructive approach for amber geological provenance assessment based on head space solid-phase microextraction gas chromatography-mass spectrometry. <i>Talanta</i> , 2014, 119, 435-439.	2.9	14
48	Fourier Transform Raman and Statistical Analysis of Thermally Altered Samples of Amber. <i>Applied Spectroscopy</i> , 2015, 69, 1457-1463.	1.2	14
49	Biosensor based on inhibition of monoamine oxidases A and B for detection of $\beta$ -carbolines. <i>Talanta</i> , 2015, 137, 94-99.	2.9	14
50	<i>Verbascum phlomoides</i> and <i>Solidago virgaureae</i> herbs as natural source for preventing neurodegenerative diseases. <i>Journal of Herbal Medicine</i> , 2016, 6, 180-186.	1.0	14
51	Occurrence of neonicotinoids in waste water from the Bucharest treatment plant. <i>Analytical Methods</i> , 2018, 10, 2691-2700.	1.3	14
52	Occurrence of Neonicotinoid Residues in Danube River and Tributaries. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 313-318.	0.2	14
53	BIOSENSOR FOR THE ENANTIOSELECTIVE ANALYSIS OF THE THYROID HORMONES (+)-3,5-TRIODO-L-THYRONINE (T3) AND (+)-3,5-TETRAIODO-L-THYRONINE (T4). <i>Journal of Immunoassay and Immunochemistry</i> , 2002, 23, 181-190.		13
54	Optimization of acetylcholinesterase immobilization on microelectrodes based on nitrophenyl diazonium for sensitive organophosphate insecticides detection. <i>Mikrochimica Acta</i> , 2010, 169, 335-343.	2.5	13

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55	Probiotic Strains Influence on Infant Microbiota in the In Vitro Colonic Fermentation Model GIS1. Indian Journal of Microbiology, 2015, 55, 423-429.	1.5	13
56	Chemical constituents and bioactive potential of <i>Portulaca pilosa</i> L vs. <i>Portulaca oleracea</i> L. Medicinal Chemistry Research, 2017, 26, 1516-1527.	1.1	13
57	The Construction of an Amperometric Immunosensor for the Thyroid Hormone (+)-3,3,5-Triiodo-L-Thyronine (L-T3). Analytical Letters, 1999, 32, 447-455.	1.0	12
58	SOILLESS CULTURES FOR PHARMACEUTICAL USE AND BIODIVERSITY CONSERVATION. Acta Horticulturae, 2009, , 157-164.	0.1	12
59	A multi-analytical approach to amber characterisation. Chemical Papers, 2014, 68, .	1.0	12
60	Antioxidant activity and inhibitory effect of polyphenolic-rich extract from <i>Betonica officinalis</i> and <i>Impatiens noli-tangere</i> herbs on key enzyme linked to type 2 diabetes. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 1-7.	2.7	12
61	Spectroscopic and Spectrometric Methods Used for the Screening of Certain Herbal Food Supplements Suspected of Adulteration. Advanced Pharmaceutical Bulletin, 2017, 7, 251-259.	0.6	12
62	Ester flavorants detection in foods with a bienzymatic biosensor based on a stable Prussian blue-copper electrode deposited on carbon paper electrode. Talanta, 2019, 199, 541-546.	2.9	12
63	Biosensors for the Enantioselective Analysis of S-Enalapril and S-Ramipril. Preparative Biochemistry and Biotechnology, 1998, 28, 305-312.	1.0	11
64	Amperometric dot-sensors based on zinc porphyrins for sildenafil citrate determination. Electrochimica Acta, 2011, 58, 290-295.	2.6	11
65	L-Lactic acid biosensor based on multi-layered graphene. Journal of Applied Electrochemistry, 2013, 43, 985-994.	1.5	11
66	Characterization of the Phenolics and Free Radical Scavenging of Romanian Red Wine. Analytical Letters, 2017, 50, 591-606.	1.0	11
67	Disposable carbon electrodes as an alternative for the direct voltammetric determination of alkyl phenols from water samples. Turkish Journal of Chemistry, 0, , .	0.5	11
68	Antioxidative Power Evaluation of Some Phenolic Antioxidants - Electroanalytical Approach. Electroanalysis, 2001, 13, 804-806.	1.5	10
69	Monitoring of Rosmarinic Acid Accumulation in Sage Cell Cultures using Laccase Biosensor. Phytochemical Analysis, 2013, 24, 53-58.	1.2	10
70	The Use of Oxygen Radical Absorbance Capacity (ORAC) and Trolox Equivalent Antioxidant Capacity (TEAC) Assays in the Assessment of Beverages' Antioxidant Properties. , 2014, , 245-251.		10
71	Capillary Electrophoresis Method Validation for Organic Acids Assessment in Probiotics. Food Analytical Methods, 2015, 8, 1335-1340.	1.3	10
72	Biosensor for the Enantioselective Analysis of S-Perindopril. Preparative Biochemistry and Biotechnology, 1999, 29, 55-61.	1.0	9

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73	VOLTAMMETRIC DETERMINATION OF COENZYME Q10 AT A SOLID GLASSY CARBON ELECTRODE. Instrumentation Science and Technology, 2001, 29, 109-116.	0.9	9
74	Study of Phenol-Like Compounds Antioxidative Behavior on Low-Density Lipoprotein Gold Modified Electrode. Electroanalysis, 2002, 14, 858.	1.5	9
75	Development of a nanocomposite system and its application in biosensors construction. Open Chemistry, 2013, 11, 968-978.	1.0	9
76	Inhibitory potential of some Romanian medicinal plants against enzymes linked to neurodegenerative diseases and their antioxidant activity. Pharmacognosy Magazine, 2015, 11, 110.	0.3	9
77	Development and Application of a HPLC-PDA-FL Method for the Determination of Melatonin and its Precursors in Infant Formulas. Food Analytical Methods, 2018, 11, 951-958.	1.3	9
78	Simple, selective and fast detection of acrylamide based on glutathione S-transferase. RSC Advances, 2018, 8, 23931-23936.	1.7	9
79	Assessment of Melatonin and Its Precursors Content by a HPLC-MS/MS Method from Different Romanian Wines. ACS Omega, 2020, 5, 27254-27260.	1.6	9
80	Electrochemical determination of minocycline in pharmaceutical preparations. Analisis - European Journal of Analytical Chemistry, 1998, 26, 175-178.	0.4	9
81	Validated HPLC-FL Method for the Analysis of S-Adenosylmethionine and S-Adenosylhomocysteine Biomarkers in Human Blood. Journal of Fluorescence, 2013, 23, 381-386.	1.3	8
82	Inulins as Electroactive Materials for Enantioanalysis of Chiral Drugs. Journal of the Electrochemical Society, 2013, 160, B192-B195.	1.3	8
83	In vitro investigation of anticholinesterase activity of four biochemical pesticides: spinosad, pyrethrum, neem bark extract and veratrine. Journal of Pesticide Sciences, 2014, 39, 48-52.	0.8	8
84	Functionalized Magnetic Nanostructures for Anticancer Therapy. Current Drug Targets, 2018, 19, 239-247.	1.0	8
85	LC-MS and FT-IR characterization of amber artifacts. Open Chemistry, 2012, 10, 1882-1889.	1.0	7
86	Modulating indium doped tin oxide electrode properties for laccase electron transfer enhancement. Thin Solid Films, 2014, 565, 84-88.	0.8	7
87	Application of an optimized electrochemical sensor for monitoring astaxanthin antioxidant properties against lipoperoxidation. New Journal of Chemistry, 2015, 39, 6428-6436.	1.4	7
88	ANTIOXIDANT ACTIVITY AND PHENOLICS CONTENT OF Capsella bursa-pastoris AND Marrubium vulgare DEPENDING ON ENVIRONMENTAL FACTORS. Environmental Engineering and Management Journal, 2019, 18, 1553-1560.	0.2	7
89	Determination of S-Adenosylmethionine and S-Adenosylhomocysteine from Human Blood Samples by HPLC-FL. Analytical Letters, 2008, 41, 1720-1731.	1.0	6
90	L-Cysteine Determination Based on Tyrosinase Amperometric Biosensors without Interferences from Thiolic Compounds. Analytical Letters, 2010, 43, 2440-2455.	1.0	6

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91	A Novel HPLC-PDA-MS Method for S-Adenosylmethionine and S-Adenosylhomocysteine Routine Analysis. <i>Analytical Letters</i> , 2010, 43, 793-803.	1.0	6
92	Spectrochemical Characterization of Thin Layers of Lipoprotein Self-Assembled Films on Solid Supports Under Oxidation Process. <i>Analytical Letters</i> , 2011, 44, 747-760.	1.0	6
93	Microelectrodes based on porphyrins for the determination of ascorbic acid in pharmaceutical samples and beverages. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 809-816.	0.4	6
94	Fourier Transform Infrared Spectroscopy - Useful Analytical Tool for Non-Destructive Analysis. , 0, , .		6
95	Rapid HPLC method for the determination of ascorbic acid in grape samples. <i>Analytical Methods</i> , 2013, 5, 4675.	1.3	6
96	Rapid Determination of 5-Nitrofurans Ring Antibiotics in Complex Samples Using a Boron-Doped Diamond Electrode and Differential Pulse Voltammetry. <i>Analytical Letters</i> , 2021, 54, 2363-2375.	1.0	6
97	Determination of Optimum TBARS Conditions for Evaluation of Cow and Sheep Milk Oxidative Stability. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6508.	1.3	6
98	Surface analysis of collagen membranes by X-ray photoelectron spectroscopy. <i>Journal of Molecular Structure</i> , 1993, 293, 265-268.	1.8	5
99	Biosensor for Enantioselective Analysis of S-Cilazapril, S-Trandolapril, and S-Pentopril*. <i>Pharmaceutical Development and Technology</i> , 1999, 4, 251-255.	1.1	5
100	Electrochemical investigation of a glassy carbon electrode modified with carbon nanotubes decorated with (poly)crystalline gold. <i>Mikrochimica Acta</i> , 2011, 175, 97-104.	2.5	5
101	Lipid hydroxide determination on a ferrocenemethanol modified electrode. <i>Analytical Methods</i> , 2013, 5, 2013.	1.3	5
102	Cadmium and lead occurrence in soil and grape from Murfatlar Vineyard. <i>Analele UniversitÄfÈii Ovidius ConstanÈa: Seria Chimie</i> , 2015, 26, 37-40.	0.2	5
103	Application of the polyphenylene ether-ether-sulfone ultrafiltration membrane for concentration of antioxidants from the <i>Phyllitis scolopendrium L.</i> extract. <i>New Journal of Chemistry</i> , 2015, 39, 1154-1160.	1.4	5
104	Electrochemical Determination of Hydrogen Peroxide Using a Prussian Blue-Copper Modified Platinum Microelectrode. <i>Analytical Letters</i> , 2016, 49, 2006-2017.	1.0	5
105	Synthesis and retention properties of molecularly imprinted polymers for antibiotics containing a 5-nitrofurans ring. <i>RSC Advances</i> , 2017, 7, 50844-50852.	1.7	5
106	Cytostatic activity of <i>Geranium robertianum L.</i> extracts processed by membrane procedures. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2547-S2553.	2.3	5
107	EPDM-HDPE Blends with Different Cure Systems/Mechanical and Infra-Red Spectrometric Properties. <i>Journal of Applied Sciences</i> , 2007, 8, 86-94.	0.1	5
108	Recent Trends in the Development of Carbon-Based Electrodes Modified with Molecularly Imprinted Polymers for Antibiotic Electroanalysis. <i>Chemosensors</i> , 2022, 10, 243.	1.8	5

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109	New Hybrid Nanofiltration Membranes with Enhanced Flux and Separation Performances Based on Polyphenylene Ether-Ether-Sulfone/Polyacrylonitrile/SBA-15. <i>Membranes</i> , 2022, 12, 689.	1.4	5
110	Amperometric Peptide Sensor for Protein Determination. <i>Analytical Letters</i> , 1993, 26, 1321-1332.	1.0	4
111	Assessment of role of rosmarinic acid in preventing oxidative process of low density lipoproteins. <i>Chemical Papers</i> , 2012, 66, .	1.0	4
112	Acrolein detection based on alcohol dehydrogenase inhibition. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 325-334.	1.8	4
113	Chromatographic analysis of immobilized cefotaxime. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 579-586.	0.4	4
114	Interdisciplinary study on pottery experimentally impregnated with wine. <i>Chemical Papers</i> , 2014, 68, .	1.0	4
115	Antioxidant and antidiabetic properties of polyphenolic-rich extracts of <i>Apium graveolens</i> and <i>Agropyrum repens</i> . <i>Revue Roumaine De Chimie</i> , 2019, 64, 909-913.	0.4	4
116	Aminosilica chemically modified with dodecamolybdophosphoric acid as stationary phase in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 796, 259-264.	1.8	3
117	Biosensors Applications on Assessment of Reactive Oxygen Species and Antioxidants. , 2011, , .		3
118	Spectrophotometric determination of ascorbic acid in grapes with the Prussian Blue reaction. <i>Analele Universitatii Ovidius Constanta - Seria Chimie</i> , 2012, 23, 174-179.	0.1	3
119	Polyphenols, radical scavenger activity, short-chain organic acids and heavy metals of several plants extracts from Bucharest Delta. <i>Chemical Papers</i> , 2015, 69, .	1.0	3
120	Low-interferences Determination of the Antioxidant Capacity in Fruits Juices Based on Xanthine Oxidase and Mediated Amperometric Measurements in the Reduction Mode. <i>Analytical Sciences</i> , 2016, 32, 135-140.	0.8	3
121	Tannins analysis from different medicinal plants extracts using MALDI-TOF and MEKC. <i>Chemical Papers</i> , 2016, 70, .	1.0	3
122	Sensitive detection of antidiabetic compounds and one degradation product in wastewater samples by a new SPE-LC-MS/MS method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 310-323.	0.9	3
123	Phyto-synthesized Gold Nanoparticles as Antitumor Agents. <i>Pharmaceutical Nanotechnology</i> , 2021, 9, 51-60.	0.6	3
124	Nanofiltration Composite Membranes Based on KIT-6 and Functionalized KIT-6 Nanoparticles in a Polymeric Matrix with Enhanced Performances. <i>Membranes</i> , 2021, 11, 300.	1.4	3
125	Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods. <i>Separations</i> , 2021, 8, 233.	1.1	3
126	Quality control method based on quartz crystal microbalance and WGA for flour milled from germinated wheat. <i>European Food Research and Technology</i> , 2009, 229, 833-840.	1.6	2



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127	Identification of a dicer homologue gene (DCL2) in <i>Nicotiana tabacum</i> . <i>Plant Biology</i> , 2012, 14, 980-986.	1.8	2
128	Obtaining and Characterization of Biocompatible Supports as Microparticles and Chitosan-Alginate Films with Immobilized Urease. <i>Revista De Chimie (discontinued)</i> , 2008, 59, 208-211.	0.2	2
129	STUDY OF THE SYNTHESIS AND ENVIRONMENTAL REMOVAL OF 4,4'-DIPYRIDINE DERIVATIVES. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 269-275.	0.2	2
130	Stress and Displacement in Cantilever-Based Transducers for Biosensing Application. , 2006, , .		1
131	Inhibition of Low-Density Lipoprotein Peroxidation by BHA Use: Fluorimetric Assay. <i>Analytical Letters</i> , 2008, 41, 3253-3263.	1.0	1
132	Numerical and Experimental Modeling of Star-Connected Three-Phase Capacitors. <i>IEEE Transactions on Industry Applications</i> , 2009, 45, 1074-1078.	3.3	1
133	Determination of Free L-T4 and Free L-T3 from Blood Using the Immunosensors/Sequential Injection Analysis System. <i>Analytical Letters</i> , 2010, 43, 1119-1125.	1.0	1
134	Spectroscopic studies on lipoprotein structure modification under oxidative stress. <i>Spectroscopy</i> , 2011, 26, 167-178.	0.8	1
135	A bioanalytical approach of chemical composition, bioactivity and cytotoxicity of <i>Berberoa incana</i> L. herb. <i>Natural Product Research</i> , 2018, 32, 2791-2796.	1.0	1
136	Antioxidant, antimicrobial and in vitro anti-inflammatory activities of <i>Betonica officinalis</i> and <i>Salvia officinalis</i> extracts. <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	1
137	Analytical chemistry in Romania. <i>TrAC - Trends in Analytical Chemistry</i> , 1992, 11, VIII.	5.8	0
138	Advances in spectroscopy Vol. 22, spectroscopy of new materials. <i>Vibrational Spectroscopy</i> , 1995, 9, 305.	1.2	0
139	The beginnings of Analytical Chemistry in Romania. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 189-190.	1.5	0
140	Linear and nonsaturating effects in atomic multiplets subjected to three strong electromagnetic fields of resonance. , 1998, 3405, 548.		0
141	Plans for implementation of a quality system in the control laboratory of the Romanian National Medicines Agency. <i>Accreditation and Quality Assurance</i> , 2001, 6, 376-378.	0.4	0
142	Investigation of the corrosion inhibition properties of new phenyl aldehyde organic layers functionalized with different amino alcohols electrodeposited on copper. <i>Comptes Rendus Chimie</i> , 2021, 24, 21-31.	0.2	0
143	Assessing the presence of pesticides in modern and contemporary textile artifacts using advanced analysis techniques. <i>Industria Textila</i> , 2021, 72, 138-143.	0.5	0
144	Stilbenes and Xanthones from Medicinal Plants as Potential Antitumor Agents. <i>Current Bioactive Compounds</i> , 2021, 17, .	0.2	0

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145	Obtaining the bioactive compounds from <i>Geranium robertianum</i> and <i>Viscum album</i> L. in a concentrate form by ultrafiltration. <i>Planta Medica</i> , 2007, 73, .	0.7	0
146	Bioactive constituents and antioxidant activity of some traditional medicinal herbs extracts. <i>Planta Medica</i> , 2008, 74, .	0.7	0
147	Antioxidant activity of <i>Geranium robertianum</i> concentrated extracts by ultrafiltration process. <i>Planta Medica</i> , 2009, 75, .	0.7	0
148	Applicability of ultra- and nanofiltration for the concentration of medicinal plant extracts. <i>Planta Medica</i> , 2011, 77, .	0.7	0
149	Phytochemical analysis and biological activity of the phenolic rich extract of <i>Impatiens noli-tangere</i> and <i>Symphytum officinalis</i> . <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0
150	Organic Acids Chemical Profiling in Food Items. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1147-1152.	0.2	0
151	Polyphenols, Organic Acids and Antioxidant Activity in Unexplored <i>Phemeranthus Confertiflorus</i> L. <i>Revista De Chimie (discontinued)</i> , 2018, 68, 2739-2743.	0.2	0
152	Patrimony Textile Materials Short Characterization. , 2018, , .		0
153	Evaluation of the Efficacy of Various Green Extraction Methods for High Valorisation of Vegetal Antioxidant Sources. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2708-2711.	0.2	0
154	Investigation on Parabens Occurrence in Romanian WWTP Sludge by LC-MS/MS Method. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 3248-3252.	0.2	0