

# Gabriel L Radu

## List of Publications by Citations

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137  
papers

1,563  
citations

20  
h-index

31  
g-index

159  
ext. papers

1,802  
ext. citations

3.1  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
137	Laccase/MWCNT/chitosan biosensor: A new tool for total polyphenolic content evaluation from in vitro cultivated plants. <i>Sensors and Actuators B: Chemical</i> , <b>2010</b> , 145, 800-806	8.5	107
136	Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 232-7	11.8	91
135	Label-free detection of lysozyme in wines using an aptamer based biosensor and SPR detection. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 206, 198-204	8.5	56
134	Disposable biosensor based on platinum nanoparticles-reduced graphene oxide-laccase biocomposite for the determination of total polyphenolic content. <i>Talanta</i> , <b>2013</b> , 110, 164-70	6.2	55
133	Optimization of hydroxyl radical formation using TiO <sub>2</sub> as photocatalyst by response surface methodology. <i>Talanta</i> , <b>2008</b> , 77, 858-862	6.2	53
132	Geographical and Botanical Origin Discrimination of Romanian Honey Using Complex Stable Isotope Data and Chemometrics. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 401-412	3.4	47
131	Novel progerin-interactive partner proteins hnRNP E1, EGF, Mel 18, and UBC9 interact with lamin A/C. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 338, 855-61	3.4	44
130	Bienzymatic sensor based on the use of redox enzymes and chitosan/MWCNT nanocomposite. Evaluation of total phenolic content in plant extracts. <i>Mikrochimica Acta</i> , <b>2011</b> , 172, 177-184	5.8	35
129	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> , <b>2015</b> , 52, 1-6	5.3	33
128	Effect of sodium carboxymethyl cellulose on gluten-free dough rheology. <i>Journal of Food Engineering</i> , <b>2016</b> , 168, 16-19	6	29
127	Regional and Vintage Discrimination of Romanian Wines Based on Elemental and Isotopic Fingerprinting. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 2406-2417	3.4	29
126	Disposable dual sensor array for simultaneous determination of chlorogenic acid and caffeine from coffee. <i>RSC Advances</i> , <b>2015</b> , 5, 261-268	3.7	28
125	Cephalosporin release from functionalized MCM-41 supports interpreted by various models. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 162, 80-90	5.3	27
124	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> , <b>2010</b> , 10, 11340-51	3.8	25
123	Antioxidant activity, acetylcholinesterase and tyrosinase inhibitory potential of and extracts. <i>Saudi Journal of Biological Sciences</i> , <b>2018</b> , 25, 578-585	4	24
122	Polyphenol composition and antioxidant activity of selected medicinal herbs. <i>Chemistry of Natural Compounds</i> , <b>2011</b> , 47, 22-26	0.7	24
121	FOOD CHAIN BIOMAGNIFICATION OF HEAVY METALS IN SAMPLES FROM THE LOWER PRUT FLOODPLAIN NATURAL PARK. <i>Environmental Engineering and Management Journal</i> , <b>2012</b> , 11, 69-73	0.6	24

120	Methods for the determination of antioxidant capacity in food and raw materials. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 698, 241-9	3.6	23
119	Laccase-Nafion Based Biosensor for the Determination of Polyphenolic Secondary Metabolites. <i>Analytical Letters</i> , <b>2010</b> , 43, 1089-1099	2.2	22
118	Capillary Electrophoresis Method for 20 Polyphenols Separation in Propolis and Plant Extracts. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1197-1206	3.4	20
117	Determination of the antiradical properties of olive oils using an electrochemical method based on DPPH radical. <i>Food Chemistry</i> , <b>2015</b> , 166, 324-329	8.5	20
116	Analysis of methanol-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> , <b>2008</b> , 226, 1335-1342	3.4	20
115	Biosensors for the determination of phenolic metabolites. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 698, 234-40	3.6	19
114	Estimation of the antioxidative properties of tocopherols in an electrochemical approach. <i>European Food Research and Technology</i> , <b>2000</b> , 211, 218-221	3.4	18
113	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> , <b>2014</b> , 38, 5641-5646	3.6	16
112	Biozymatic biosensor for rapid detection of aspartame by flow injection analysis. <i>Sensors</i> , <b>2014</b> , 14, 1028-38	3.8	16
111	Phenolic and Anthocyanin Profile of Valea Calugareasca Red Wines by HPLC-PDA-MS and MALDI-TOF Analysis. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 300-310	3.4	15
110	Evaluation of Geranium spp., Helleborus spp. and Hyssopus spp. polyphenolic extracts inhibitory activity against urease and Chymotrypsin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2014</b> , 29, 28-34	5.6	15
109	Carbon and diamond paste microelectrodes based on Mn(III) porphyrins for the determination of dopamine. <i>Analytica Chimica Acta</i> , <b>2010</b> , 668, 201-7	6.6	15
108	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> , <b>2012</b> , 404, 711-20	4.4	14
107	Critical evaluation of acetylthiocholine iodide and acetylthiocholine chloride as substrates for amperometric biosensors based on acetylcholinesterase. <i>Sensors</i> , <b>2013</b> , 13, 1603-13	3.8	14
106	Comparative proteomics reveals novel components at the plasma membrane of differentiated HepaRG cells and different distribution in hepatocyte- and biliary-like cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e71859	3.7	14
105	Antitumour, antimicrobial and catalytic activity of gold nanoparticles synthesized by different pH propolis extracts. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	13
104	Electrodeposited Organic Layers Formed from Aryl Diazonium Salts for Inhibition of Copper Corrosion. <i>Materials</i> , <b>2017</b> , 10,	3.5	13
103	Anti-inflammatory and antioxidant activities of the Impatiens noli-tangere and Stachys officinalis polyphenolic-rich extracts. <i>Revista Brasileira De Farmacognosia</i> , <b>2018</b> , 28, 57-64	2	13

102	Graphene and gold nanoparticles based reagentless biodevice for phenolic endocrine disruptors monitoring. <i>Microchemical Journal</i> , <b>2015</b> , 121, 130-135	4.8	12
101	Biosensor based on inhibition of monoamine oxidases A and B for detection of Ecabrolines. <i>Talanta</i> , <b>2015</b> , 137, 94-9	6.2	12
100	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> , <b>2019</b> , 11, 4668-4680	3.2	11
99	Probiotic Strains Influence on Infant Microbiota in the In Vitro Colonic Fermentation Model GIS1. <i>Indian Journal of Microbiology</i> , <b>2015</b> , 55, 423-9	3.7	11
98	l-Lactic acid biosensor based on multi-layered graphene. <i>Journal of Applied Electrochemistry</i> , <b>2013</b> , 43, 985-994	2.6	11
97	Amperometric dot-sensors based on zinc porphyrins for sildenafil citrate determination. <i>Electrochimica Acta</i> , <b>2011</b> , 58, 290-295	6.7	11
96	Membrane processes application on the Symphytum officinale and Geranium robertianum extracts concentration to obtain high antioxidative activity compounds. <i>Journal of the Serbian Chemical Society</i> , <b>2012</b> , 77, 1191-1203	0.9	11
95	The Construction of an Amperometric Immunosensor for the Thyroid Hormone (+)-3,3',5-Triiodo-L-Thyronine (L-T3). <i>Analytical Letters</i> , <b>1999</b> , 32, 447-455	2.2	11
94	Verbascum phlomoides and Solidago virgaureae herbs as natural source for preventing neurodegenerative diseases. <i>Journal of Herbal Medicine</i> , <b>2016</b> , 6, 180-186	2.3	11
93	Chemical and Bioactivity Evaluation of and Polyphenolic-Rich Extracts. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3692605	3	10
92	Analysis of Phenolic Compounds in Some Medicinal Herbs by LC-MS. <i>Journal of Chromatographic Science</i> , <b>2015</b> , 53, 1147-54	1.4	10
91	A quasi non-destructive approach for amber geological provenance assessment based on head space solid-phase microextraction gas chromatography-mass spectrometry. <i>Talanta</i> , <b>2014</b> , 119, 435-9	6.2	10
90	Biosensor for the enantioselective analysis of the thyroid hormones (+)-3,3',5-triiodo-L-thyronine (T3) and (+)-3,3',5,5'-tetraiodo-L-thyronine (T4). <i>Journal of Immunoassay and Immunochemistry</i> , <b>2002</b> , 23, 181-90	1.8	10
89	Chemical constituents and bioactive potential of Portulaca pilosa L vs. Portulaca oleracea L. <i>Medicinal Chemistry Research</i> , <b>2017</b> , 26, 1516-1527	2.2	9
88	Capillary Electrophoresis Method Validation for Organic Acids Assessment in Probiotics. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1335-1340	3.4	9
87	Antioxidant activity and inhibitory effect of polyphenolic-rich extract from Betonica officinalis and Impatiens noli-tangere herbs on key enzyme linked to type 2 diabetes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 60, 1-7	5.3	9
86	Monitoring of rosmarinic acid accumulation in sage cell cultures using laccase biosensor. <i>Phytochemical Analysis</i> , <b>2013</b> , 24, 53-8	3.4	9
85	Selection and evaluation of potential biocontrol rhizobacteria from a raised bog environment. <i>Crop Protection</i> , <b>2013</b> , 52, 116-124	2.7	9

84	Optimization of acetylcholinesterase immobilization on microelectrodes based on nitrophenyl diazonium for sensitive organophosphate insecticides detection. <i>Mikrochimica Acta</i> , <b>2010</b> , 169, 335-343	5.8	9
83	Antioxidative Power Evaluation of Some Phenolic Antioxidants [Electroanalytical Approach. <i>Electroanalysis</i> , <b>2001</b> , 13, 804-806	3	9
82	Disposable carbon electrodes as an alternative for the direct voltammetric determination of alkyl phenols from water samples		9
81	Ester flavorants detection in foods with a bienzymatic biosensor based on a stable Prussian blue-copper electrodeposited on carbon paper electrode. <i>Talanta</i> , <b>2019</b> , 199, 541-546	6.2	8
80	Occurrence of neonicotinoids in waste water from the Bucharest treatment plant. <i>Analytical Methods</i> , <b>2018</b> , 10, 2691-2700	3.2	8
79	The Use of Oxygen Radical Absorbance Capacity (ORAC) and Trolox Equivalent Antioxidant Capacity (TEAC) Assays in the Assessment of Beverages [Antioxidant Properties <b>2014</b> , 245-251		8
78	A multi-analytical approach to amber characterisation. <i>Chemical Papers</i> , <b>2014</b> , 68,	1.9	8
77	SOILLESS CULTURES FOR PHARMACEUTICAL USE AND BIODIVERSITY CONSERVATION. <i>Acta Horticulturae</i> , <b>2009</b> , 157-164	0.3	8
76	Evaluation of Antidiabetic and Anti-Inflammatory Activities of Polyphenolic-Rich Extracts from and. <i>ACS Omega</i> , <b>2020</b> , 5, 13014-13022	3.9	7
75	Spectroscopic and Spectrometric Methods Used for the Screening of Certain Herbal Food Supplements Suspected of Adulteration. <i>Advanced Pharmaceutical Bulletin</i> , <b>2017</b> , 7, 251-259	4.5	7
74	Simple, selective and fast detection of acrylamide based on glutathione -transferase.. <i>RSC Advances</i> , <b>2018</b> , 8, 23931-23936	3.7	7
73	Modulating indium doped tin oxide electrode properties for laccase electron transfer enhancement. <i>Thin Solid Films</i> , <b>2014</b> , 565, 84-88	2.2	7
72	Validated HPLC-FL method for the analysis of S-adenosylmethionine and S-adenosylhomocysteine biomarkers in human blood. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 381-6	2.4	7
71	Fourier Transform Raman and Statistical Analysis of Thermally Altered Samples of Amber. <i>Applied Spectroscopy</i> , <b>2015</b> , 69, 1457-63	3.1	7
70	FTIR and statistical studies on amber artefacts from three Romanian archaeological sites. <i>Journal of Archaeological Science</i> , <b>2012</b> , 39, 3524-3533	2.9	7
69	Development of a nanocomposite system and its application in biosensors construction. <i>Open Chemistry</i> , <b>2013</b> , 11, 968-978	1.6	7
68	Inulins as Electroactive Materials for Enantioanalysis of Chiral Drugs. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, B192-B195	3.9	7
67	Study of Phenol-Like Compounds Antioxidative Behavior on Low-Density Lipoprotein Gold Modified Electrode. <i>Electroanalysis</i> , <b>2002</b> , 14, 858	3	7

66	VOLTAMMETRIC DETERMINATION OF COENZYME Q10 AT A SOLID GLASSY CARBON ELECTRODE. <i>Instrumentation Science and Technology</i> , <b>2001</b> , 29, 109-116	1.4	7
65	Lignans from Medicinal Plants and their Anticancer Effect. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 1083-1090	3.2	7
64	The Potential of Flavonoids and Tannins from Medicinal Plants as Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2020</b> , 20, 2216-2227	2.2	7
63	Electrochemical determination of minocycline in pharmaceutical preparations. <i>Analisis - European Journal of Analytical Chemistry</i> , <b>1998</b> , 26, 175-178		7
62	Amino Acid Profile of Fruits as Potential Fingerprints of Varietal Origin. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
61	L-Cysteine Determination Based on Tyrosinase Amperometric Biosensors without Interferences from Thiolic Compounds. <i>Analytical Letters</i> , <b>2010</b> , 43, 2440-2455	2.2	6
60	Biosensor for the enantioselective analysis of S-perindopril. <i>Preparative Biochemistry and Biotechnology</i> , <b>1999</b> , 29, 55-61	2.4	6
59	Development and Application of a HPLC-PDA-FL Method for the Determination of Melatonin and its Precursors in Infant Formulas. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 951-958	3.4	6
58	Characterization of the Phenolics and Free Radical Scavenging of Romanian Red Wine. <i>Analytical Letters</i> , <b>2017</b> , 50, 591-606	2.2	5
57	Functionalized Magnetic Nanostructures for Anticancer Therapy. <i>Current Drug Targets</i> , <b>2018</b> , 19, 239-247		5
56	Inhibitory potential of some Romanian medicinal plants against enzymes linked to neurodegenerative diseases and their antioxidant activity. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, S110-6	0.8	5
55	In vitro investigation of anticholinesterase activity of four biochemical pesticides: spinosad, pyrethrum, neem bark extract and veratrine. <i>Journal of Pesticide Sciences</i> , <b>2014</b> , 39, 48-52	2.7	5
54	Spectrochemical Characterization of Thin Layers of Lipoprotein Self-Assembled Films on Solid Supports Under Oxidation Process. <i>Analytical Letters</i> , <b>2011</b> , 44, 747-760	2.2	5
53	Electrochemical investigation of a glassy carbon electrode modified with carbon nanotubes decorated with (poly)crystalline gold. <i>Mikrochimica Acta</i> , <b>2011</b> , 175, 97-104	5.8	5
52	A Novel HPLC-PDA-MS Method for S-Adenosylmethionine and S-Adenosylhomocysteine Routine Analysis. <i>Analytical Letters</i> , <b>2010</b> , 43, 793-803	2.2	5
51	Biosensors for the enantioselective analysis of S-enalapril and S-ramipril. <i>Preparative Biochemistry and Biotechnology</i> , <b>1998</b> , 28, 305-12	2.4	5
50	Determination of S-Adenosylmethionine and S-Adenosylhomocysteine from Human Blood Samples by HPLC-FL. <i>Analytical Letters</i> , <b>2008</b> , 41, 1720-1731	2.2	5
49	Occurrence of Neonicotinoid Residues in Danube River and Tributaries. <i>Revista De Chimie (discontinued)</i> , <b>2019</b> , 70, 313-318	1.8	5

48	Application of an optimized electrochemical sensor for monitoring astaxanthin antioxidant properties against lipoperoxidation. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 6428-6436	3.6	4
47	Electrochemical Determination of Hydrogen Peroxide Using a Prussian Blue-Copper Modified Platinum Microelectrode. <i>Analytical Letters</i> , <b>2016</b> , 49, 2006-2017	2.2	4
46	Interdisciplinary study on pottery experimentally impregnated with wine. <i>Chemical Papers</i> , <b>2014</b> , 68,	1.9	4
45	Rapid HPLC method for the determination of ascorbic acid in grape samples. <i>Analytical Methods</i> , <b>2013</b> , 5, 4675	3.2	4
44	Synthesis and retention properties of molecularly imprinted polymers for antibiotics containing a 5-nitrofurane ring. <i>RSC Advances</i> , <b>2017</b> , 7, 50844-50852	3.7	4
43	Cytostatic activity of <i>Geranium robertianum</i> L. extracts processed by membrane procedures. <i>Arabian Journal of Chemistry</i> , <b>2017</b> , 10, S2547-S2553	5.9	4
42	Cadmium and lead occurrence in soil and grape from Murfatlar Vineyard. <i>Analele Universității Ovidius Constanța: Seria Chimie</i> , <b>2015</b> , 26, 37-40	0.4	4
41	Chromatographic analysis of immobilized cefotaxime. <i>Journal of the Serbian Chemical Society</i> , <b>2014</b> , 79, 579-586	0.9	4
40	Microelectrodes based on porphyrins for the determination of ascorbic acid in pharmaceutical samples and beverages. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2012</b> , 16, 809-816	1.8	4
39	LC-MS and FT-IR characterization of amber artifacts. <i>Open Chemistry</i> , <b>2012</b> , 10, 1882-1889	1.6	4
38	Amperometric Peptide Sensor for Protein Determination. <i>Analytical Letters</i> , <b>1993</b> , 26, 1321-1332	2.2	4
37	Surface analysis of collagen membranes by X-ray photoelectron spectroscopy. <i>Journal of Molecular Structure</i> , <b>1993</b> , 293, 265-268	3.4	4
36	EPDM-HDPE Blends with Different Cure Systems/Mechanical and Infra-Red Spectrometric Properties. <i>Journal of Applied Sciences</i> , <b>2007</b> , 8, 86-94	0.3	4
35	Application of the polyphenylene ether-ether-sulfone ultrafiltration membrane for concentration of antioxidants from the <i>Phyllitis scolopendrium</i> L. extract. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 1154-1160	2.6	3
34	Assessment of Melatonin and Its Precursors Content by a HPLC-MS/MS Method from Different Romanian Wines. <i>ACS Omega</i> , <b>2020</b> , 5, 27254-27260	3.9	3
33	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> , <b>2016</b> , 32, 135-40	1.7	3
32	Tannins analysis from different medicinal plants extracts using MALDI-TOF and MEKC. <i>Chemical Papers</i> , <b>2016</b> , 70,	1.9	3
31	Assessment of role of rosmarinic acid in preventing oxidative process of low density lipoproteins. <i>Chemical Papers</i> , <b>2012</b> , 66,	1.9	3



30	Fourier Transform Infrared Spectroscopy - Useful Analytical Tool for Non-Destructive Analysis <b>2012</b>		3
29	Lipid hydroxide determination on a ferrocenemethanol modified electrode. <i>Analytical Methods</i> , <b>2013</b> , 5, 2013	3.2	3
28	Acrolein detection based on alcohol dehydrogenase inhibition. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2013</b> , 93, 325-334	1.8	3
27	Spectrophotometric determination of ascorbic acid in grapes with the Prussian Blue reaction. <i>Analele Universitatii Ovidius Constanta - Seria Chimie</i> , <b>2012</b> , 23, 174-179		3
26	Polyphenols, radical scavenger activity, short-chain organic acids and heavy metals of several plants extracts from Bucharest Delta. <i>Chemical Papers</i> , <b>2015</b> , 69,	1.9	2
25	Identification of a dicer homologue gene (DCL2) in <i>Nicotiana tabacum</i> . <i>Plant Biology</i> , <b>2012</b> , 14, 980-6	3.7	2
24	Quality control method based on quartz crystal microbalance and WGA for flour milled from germinated wheat. <i>European Food Research and Technology</i> , <b>2009</b> , 229, 833-840	3.4	2
23	Aminosilica chemically modified with dodecamolybdophosphoric acid as stationary phase in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 796, 259-264	4.5	2
22	Biosensor for enantioselective analysis of S-cilazapril, S-trandolapril, and S-pentopril. <i>Pharmaceutical Development and Technology</i> , <b>1999</b> , 4, 251-5	3.4	2
21	Obtaining and Characterization of Biocompatible Supports as Microparticles and Chitosan-Alginate Films with Immobilized Urease. <i>Revista De Chimie (discontinued)</i> , <b>2008</b> , 59, 208-211	1.8	2
20	ANTIOXIDANT ACTIVITY AND PHENOLICS CONTENT OF <i>Capsella bursa-pastoris</i> AND <i>Marrubium vulgare</i> DEPENDING ON ENVIRONMENTAL FACTORS. <i>Environmental Engineering and Management Journal</i> , <b>2019</b> , 18, 1553-1560	0.6	2
19	A bioanalytical approach of chemical composition, bioactivity and cytotoxicity of <i>L. herb.</i> <i>Natural Product Research</i> , <b>2018</b> , 32, 2791-2796	2.3	1
18	Biosensors Applications on Assessment of Reactive Oxygen Species and Antioxidants <b>2011</b> ,		1
17	Spectroscopic studies on lipoprotein structure modification under oxidative stress. <i>Spectroscopy</i> , <b>2011</b> , 26, 167-178		1
16	Determination of Free L-T4 and Free L-T3 from Blood Using the Immunosensors/Sequential Injection Analysis System. <i>Analytical Letters</i> , <b>2010</b> , 43, 1119-1125	2.2	1
15	Numerical and Experimental Modeling of Star-Connected Three-Phase Capacitors. <i>IEEE Transactions on Industry Applications</i> , <b>2009</b> , 45, 1074-1078	4.3	1
14	Inhibition of Low-Density Lipoprotein Peroxidation by BHA Use: Fluorimetric Assay. <i>Analytical Letters</i> , <b>2008</b> , 41, 3253-3263	2.2	1
13	Rapid Determination of 5-Nitrofurantoin Antibiotics in Complex Samples Using a Boron-Doped Diamond Electrode and Differential Pulse Voltammetry. <i>Analytical Letters</i> , <b>2021</b> , 54, 2363-2375	2.2	1



12	STUDY OF THE SYNTHESIS AND ENVIRONMENTAL REMOVAL OF 4,4'-DIPYRIDINE DERIVATIVES. <i>Environmental Engineering and Management Journal</i> , <b>2015</b> , 14, 269-275	0.6	1
11	Phyto-synthesized Gold Nanoparticles as Antitumor Agents. <i>Pharmaceutical Nanotechnology</i> , <b>2021</b> , 9, 51-60	4	1
10	Antioxidant, antimicrobial and in vitro anti-inflammatory activities of <i>Betonica officinalis</i> and <i>Salvia officinalis</i> extracts. <i>Planta Medica</i> , <b>2016</b> , 81, S1-S381	3.1	0
9	Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods. <i>Separations</i> , <b>2021</b> , 8, 233	3.1	0
8	The beginnings of Analytical Chemistry in Romania. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1997</b> , 357, 189-190		
7	Plans for implementation of a quality system in the control laboratory of the Romanian National Medicines Agency. <i>Accreditation and Quality Assurance</i> , <b>2001</b> , 6, 376-378	0.7	
6	Linear and nonsaturating effects in atomic multiplets subjected to three strong electromagnetic fields of resonance <b>1998</b> , 3405, 548		
5	Protease Inhibition and Antioxidant Actions of Some Aqueous <i>Allium</i> Extracts <b>2009</b> , 353-360		
4	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> , <b>2016</b> , 81, S1-S381	3.1	
3	Assessing the presence of pesticides in modern and contemporary textile artifacts using advanced analysis techniques. <i>Industria Textila</i> , <b>2021</b> , 72, 138-143	0.5	
2	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> , <b>2021</b> , 56, 310-323	2.3	
1	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> , <b>2021</b> , 24, 21-31	2.7	