

# Simona Carmen Litescu

## List of Publications by Year in descending order

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57  
papers

1,112  
citations

394286

19  
h-index

434063

31  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Voltammetric Screening Method for the Assessment of Bioflavonoid Content Using the Disposable Bare Pencil Graphite Electrode. <i>Chemosensors</i> , 2021, 9, 323.	1.8	7
2	Metal Nano-Oxide based Colorimetric Sensor Array for the Determination of Plant Polyphenols with Antioxidant Properties. <i>Analytical Letters</i> , 2020, 53, 627-645.	1.0	5
3	Voltammetric analysis of naringenin at a disposable pencil graphite electrode – application to polyphenol content determination in citrus juice. <i>Analytical Methods</i> , 2018, 10, 5763-5772.	1.3	20
4	Characterization of the Phenolics and Free Radical Scavenging of Romanian Red Wine. <i>Analytical Letters</i> , 2017, 50, 591-606.	1.0	11
5	A novel optical/electrochemical biosensor for real time measurement of physiological effect of astaxanthin on algal photoprotection. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 993-1001.	4.0	7
6	Phytochemical and biological evaluations of <i>Arum hygrophilum</i> boiss. (Araceae). <i>Pharmacognosy Magazine</i> , 2017, 13, 275.	0.3	8
7	Analytical tools monitoring endocrine disrupting chemicals. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 555-567.	5.8	53
8	Versatile SPR aptasensor for detection of lysozyme dimer in oligomeric and aggregated mixtures. <i>Biosensors and Bioelectronics</i> , 2016, 83, 353-360.	5.3	14
9	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
10	<i>In vitro</i> and <i>in vivo</i> comparison of the biological activities of two traditionally and widely used <i>Arum</i> species from Jordan: <i>Arum dioscoridis</i> Sibth & Sm. and <i>Arum palaestinum</i> Boiss.. <i>Natural Product Research</i> , 2016, 30, 1777-1786.	1.0	8
11	Synthetic biology and biomimetic chemistry as converging technologies fostering a new generation of smart biosensors. <i>Biosensors and Bioelectronics</i> , 2015, 74, 1076-1086.	5.3	48
12	Application of an optimized electrochemical sensor for monitoring astaxanthin antioxidant properties against lipoperoxidation. <i>New Journal of Chemistry</i> , 2015, 39, 6428-6436.	1.4	7
13	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
14	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
15	Chromatographic analysis of immobilized cefotaxime. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 579-586.	0.4	4
16	Evaluation of <i>Geranium</i> spp., <i>Helleborus</i> spp. and <i>Hyssopus</i> spp. polyphenolic extracts inhibitory activity against urease and $\alpha$ -chymotrypsin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 28-34.	2.5	20
17	A multi-analytical approach to amber characterisation. <i>Chemical Papers</i> , 2014, 68, .	1.0	12
18	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

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19	Polyphenols in <i>Coreopsis tinctoria</i> Nutt. fruits and the plant extracts antioxidant capacity evaluation. <i>Open Chemistry</i> , 2014, 12, 858-867.	1.0	24
20	Monitoring of Rosmarinic Acid Accumulation in Sage Cell Cultures using Laccase Biosensor. <i>Phytochemical Analysis</i> , 2013, 24, 53-58.	1.2	10
21	Validated HPLC-FI Method for the Analysis of S-Adenosylmethionine and S-Adenosylhomocysteine Biomarkers in Human Blood. <i>Journal of Fluorescence</i> , 2013, 23, 381-386.	1.3	8
22	Lipid hydroxide determination on a ferrocenemethanol modified electrode. <i>Analytical Methods</i> , 2013, 5, 2013.	1.3	5
23	Development of a nanocomposite system and its application in biosensors construction. <i>Open Chemistry</i> , 2013, 11, 968-978.	1.0	9
24	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
25	Development of a label-free aptasensor for monitoring the self-association of lysozyme. <i>Analyst</i> , The, 2013, 138, 3530.	1.7	46
26	Insights into photo-electrochemical sensing of herbicides driven by <i>Chlamydomonas reinhardtii</i> cells. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 321-330.	4.0	33
27	Correlation between polyphenol content and anti-inflammatory activity of <i>Verbascum phlomoides</i> (mullein). <i>Pharmaceutical Biology</i> , 2013, 51, 925-929.	1.3	36
28	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
29	Assessment of role of rosmarinic acid in preventing oxidative process of low density lipoproteins. <i>Chemical Papers</i> , 2012, 66, .	1.0	4
30	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
31	LC-MS and FT-IR characterization of amber artifacts. <i>Open Chemistry</i> , 2012, 10, 1882-1889.	1.0	7
32	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
33	Integrated plant biotechnologies applied to safer and healthier food production: The Nutra-Snack manufacturing chain. <i>Trends in Food Science and Technology</i> , 2011, 22, 353-366.	7.8	18
34	Spectroscopic studies on lipoprotein structure modification under oxidative stress. <i>Spectroscopy</i> , 2011, 26, 167-178.	0.8	1
35	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> , 2011, 172, 177-184.	2.5	39
36	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

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37	Laccase-MWCNT-chitosan biosensor: 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
38	Biosensors for the Determination of Phenolic Metabolites. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 234-240.	0.8	21
39	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
40	Laccase-Nafion Based Biosensor for the Determination of Polyphenolic Secondary Metabolites. <i>Analytical Letters</i> , 2010, 43, 1089-1099.	1.0	25
41	Development of a New HPLC Method for Determination of Papaverine in Presence of Its Photooxidation Products. <i>Analytical Letters</i> , 2010, 43, 1217-1229.	1.0	4
42	Non-destructive analysis of amber artefacts from the prehistoric Cioclovina hoard (Romania). <i>Journal of Archaeological Science</i> , 2010, 37, 2386-2396.	1.2	30
43	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
44	Hydrogel-magnetic nanoparticles with immobilized L-asparaginase for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 1307-1314.	1.7	40
45	Nanostructured Biomaterials with Controlled Properties Synthesis and Characterization. <i>Nanoscale Research Letters</i> , 2009, 4, 544-549.	3.1	16
46	Analytical methods to differentiate Romanian amber and Baltic amber for archaeological applications. <i>Open Chemistry</i> , 2009, 7, 560-568.	1.0	16
47	Composites of High-Density Polyethylene-Elastomer: Analysis by Physico-mechanical Tests and ATR-FTIR Spectrometry. <i>International Journal of Polymer Analysis and Characterization</i> , 2009, 14, 102-114.	0.9	1
48	Inhibition of Low-Density Lipoprotein Peroxidation by BHA Use: Fluorimetric Assay. <i>Analytical Letters</i> , 2008, 41, 3253-3263.	1.0	1
49	Determination of S-Adenosylmethionine and S-Adenosylhomocysteine from Human Blood Samples by HPLC-FL. <i>Analytical Letters</i> , 2008, 41, 1720-1731.	1.0	6
50	Genetic characterization of some Romanian red wine grapevine varieties. , 2008, , .		1
51	Screen-printed electrodes with electropolymerized Meldola Blue as versatile detectors in biosensors. <i>Biosensors and Bioelectronics</i> , 2003, 18, 781-790.	5.3	68
52	BIOSENSOR FOR THE ENANTIOSELECTIVE ANALYSIS OF THE THYROID HORMONES (+)-3,3,5-TRI-IODO-L-THYRONINE (T3) AND (+)-3,3,5,5-TETRA-IODO-L-THYRONINE (T4). <i>Journal of Immunology and Immunochemistry</i> , 2002, 23, 181-190.		13
53	Study of Phenol-Like Compounds Antioxidative Behavior on Low-Density Lipoprotein Gold Modified Electrode. <i>Electroanalysis</i> , 2002, 14, 858.	1.5	9
54	VOLTAMMETRIC DETERMINATION OF COENZYME Q10 AT A SOLID GLASSY CARBON ELECTRODE. <i>Instrumentation Science and Technology</i> , 2001, 29, 109-116.	0.9	9

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55	Antioxidative Power Evaluation of Some Phenolic Antioxidants - Electroanalytical Approach. Electroanalysis, 2001, 13, 804-806.	1.5	10
56	Electrochemical determination of minocycline in pharmaceutical preparations. Analisis - European Journal of Analytical Chemistry, 1998, 26, 175-178.	0.4	9
57	Fourier Transform Infrared Spectroscopy - Useful Analytical Tool for Non-Destructive Analysis. , 0, , .		6