Loredana Leopold

List of Publications by Year
in descending order

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34 papers	990 citations	394421 19 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	1803 citing authors

#	Article	IF	Citations
1	Antiproliferative and Antioxidant Properties of Anthocyanin Rich Extracts from Blueberry and Blackcurrant Juice. International Journal of Molecular Sciences, 2015, 16, 2352-2365.	4.1	158
2	Antioxidant Activities of Chokeberry Extracts and the Cytotoxic Action of Their Anthocyanin Fraction on HeLa Human Cervical Tumor Cells. Journal of Medicinal Food, 2012, 15, 700-706.	1.5	83
3	Quantification of carbohydrates in fruit juices using FTIR spectroscopy and multivariate analysis. Spectroscopy, 2011, 26, 93-104.	0.8	74
4	Phytochemical Characterization of Five Edible Purple-Reddish Vegetables: Anthocyanins, Flavonoids, and Phenolic Acid Derivatives. Molecules, 2019, 24, 1536.	3.8	63
5	The role of adatoms in chloride-activated colloidal silver nanoparticles for surface-enhanced Raman scattering enhancement. Beilstein Journal of Nanotechnology, 2018, 9, 2236-2247.	2.8	48
6	Absorption spectra of PTCDI: A combined UVâ€“Vis and TD-DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 703-710.	3.9	46
7	Assessment of PEG and BSA-PEG gold nanoparticles cellular interaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 70-76.	4.7	44
8	Adsorption of 6-mercaptopurine and 6-mercaptopurine riboside on silver colloid: a pH dependent surface enhanced Raman spectroscopy and density functional theory study. Part I. 6-Mercaptopurine. Journal of Molecular Structure, 2005, 735-736, 103-113.	3.6	38
9	HPLC Fingerprint of Bioactive Compounds and Antioxidant Activities of Viscum album from Different Host Trees. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2011, 39, 48.	1.1	33
10	Green synthesis of gold nanoparticles by Allium sativum extract and their assessment as SERS substrate. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	32
11	Melanoma Inhibition by Anthocyanins Is Associated with the Reduction of Oxidative Stress Biomarkers and Changes in Mitochondrial Membrane Potential. Plant Foods for Human Nutrition, 2017, 72, 404-410.	3.2	32
12	SERS and DFT investigation of 1-(2-pyridylazo)-2-naphthol and its metal complexes with Al(III), Mn(II), Fe(III), Cu(II), Zn(II) and Pb(II). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 266-273.	3.9	30
13	Soybean Interaction with Engineered Nanomaterials: A Literature Review of Recent Data. Nanomaterials, 2019, 9, 1248.	4.1	30
14	Valorification of crude glycerol for pure fractions of docosahexaenoic acid and Î²-carotene production by using Schizochytrium limacinum and Blakeslea trispora. Microbial Cell Factories, 2018, 17, 97.	4.0	28
15	Antiproliferative and Apoptotic Potential of Cyanidin-Based Anthocyanins on Melanoma Cells. International Journal of Molecular Sciences, 2017, 18, 0949.	4.1	26
16	One step synthesis of SERS active colloidal gold nanoparticles by reduction with polyethylene glycol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 133-138.	4.7	25
17	Raman spectroscopy applications in rheumatology. Lasers in Medical Science, 2019, 34, 827-834.	2.1	25
18	In situ laser-induced photochemical silver substrate synthesis and sequential SERS detection in a flow cell. Analytical and Bioanalytical Chemistry, 2011, 400, 815-820.	3.7	20

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19	Adsorption of 6-mercaptopurine and 6-mercaptopurine-ribosideon silver colloid: A pH-dependent surface-enhanced Raman spectroscopy and density functional theory study. II. 6-mercaptopurine-riboside. Biopolymers, 2005, 78, 298-310.	2.4	19
20	The role of Ag⁺, Ca²⁺, Pb²⁺ and Al³⁺ adions in the SERS turn-on effect of anionic analytes. Beilstein Journal of Nanotechnology, 2019, 10, 2338-2345.	2.8	19
21	Raman spectroscopic and DFT theoretical study of 4-(2-pyridylazo)resorcinol and its complexes with zinc(II) and copper(II). Journal of Molecular Structure, 2009, 919, 94-99.	3.6	18
22	Knee osteoarthritis grading by resonant Raman and surface-enhanced Raman scattering (SERS) analysis of synovial fluid. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 20, 102012.	3.3	16
23	Prediction of Total Antioxidant Capacity of Fruit Juices Using FTIR Spectroscopy and PLS Regression. Food Analytical Methods, 2012, 5, 405-407.	2.6	15
24	Phenolic Content and Their Antioxidant Activity in Various Berries Cultivated in Romania. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2015, 72, .	0.1	12
25	New insights regarding the selectivity and the uptake potential of nanoceria by human cells. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 132-139.	4.7	10
26	Characterization of Lycium barbarum L. berry cultivated in North Macedonia: AÂchemometric approach. Journal of Berry Research, 2020, 10, 223-241.	1.4	10
27	In situ Silver Spot Preparation and on-Plate Surface-Enhanced Raman Scattering Detection in Thin Layer Chromatography Separation. Journal of Applied Spectroscopy, 2013, 80, 311-314.	0.7	9
28	SERS approach for Zn(II) detection in contaminated soil. Open Chemistry, 2011, 9, 410-414.	1.9	6
29	Room Temperature Synthesis of Highly Monodisperse and Sers-Active Glucose-Reduced Gold Nanoparticles. Journal of Applied Spectroscopy, 2015, 82, 415-419.	0.7	6
30	Raman Mapping: Emerging Applications. , 0, , .		6
31	Warfarin-Capped Gold Nanoparticles: Synthesis, Cytotoxicity, and Cellular Uptake. Molecules, 2019, 24, 4145.	3.8	6
32	Evaluation of Antiproliferative Potential of Cerium Oxide Nanoparticles on HeLa Human Cervical Tumor Cell. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2015, 72, .	0.1	1
33	GOLD NANOPARTICLES ENCAPSULATED IN A POLYMERIC MATRIX OF SODIUM ALGINATE. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2016, 73, 134.	0.1	1
34	Alfalfa Leaf Powder and its Potential Utilisation in Raw Vegan Chocolate. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2019, 76, 76-79.	0.1	1