

Loredana Leopold

List of Publications by Year in descending order

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34
papers

990
citations

448610

19
h-index

488211

31
g-index

34
all docs

34
docs citations

34
times ranked

1943
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiproliferative and Antioxidant Properties of Anthocyanin Rich Extracts from Blueberry and Blackcurrant Juice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2352-2365.	1.8	158
2	Antioxidant Activities of Chokeberry Extracts and the Cytotoxic Action of Their Anthocyanin Fraction on HeLa Human Cervical Tumor Cells. <i>Journal of Medicinal Food</i> , 2012, 15, 700-706.	0.8	83
3	Quantification of carbohydrates in fruit juices using FTIR spectroscopy and multivariate analysis. <i>Spectroscopy</i> , 2011, 26, 93-104.	0.8	74
4	Phytochemical Characterization of Five Edible Purple-Reddish Vegetables: Anthocyanins, Flavonoids, and Phenolic Acid Derivatives. <i>Molecules</i> , 2019, 24, 1536.	1.7	63
5	The role of adatoms in chloride-activated colloidal silver nanoparticles for surface-enhanced Raman scattering enhancement. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2236-2247.	1.5	48
6	Absorption spectra of PTCDI: A combined UV-Vis and TD-DFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 703-710.	2.0	46
7	Assessment of PEG and BSA-PEG gold nanoparticles cellular interaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 70-76.	2.3	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. <i>Journal of Molecular Structure</i> , 2005, 735-736, 103-113.	1.8	38
9	HPLC Fingerprint of Bioactive Compounds and Antioxidant Activities of <i>Viscum album</i> from Different Host Trees. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 48.	0.5	33
10	Green synthesis of gold nanoparticles by <i>Allium sativum</i> extract and their assessment as SERS substrate. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	32
11	Melanoma Inhibition by Anthocyanins Is Associated with the Reduction of Oxidative Stress Biomarkers and Changes in Mitochondrial Membrane Potential. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 404-410.	1.4	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). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 266-273.	2.0	30
13	Soybean Interaction with Engineered Nanomaterials: A Literature Review of Recent Data. <i>Nanomaterials</i> , 2019, 9, 1248.	1.9	30
14	Valorification of crude glycerol for pure fractions of docosahexaenoic acid and β -carotene production by using <i>Schizochytrium limacinum</i> and <i>Blakeslea trispora</i> . <i>Microbial Cell Factories</i> , 2018, 17, 97.	1.9	28
15	Antiproliferative and Apoptotic Potential of Cyanidin-Based Anthocyanins on Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 0949.	1.8	26
16	One step synthesis of SERS active colloidal gold nanoparticles by reduction with polyethylene glycol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 133-138.	2.3	25
17	Raman spectroscopy applications in rheumatology. <i>Lasers in Medical Science</i> , 2019, 34, 827-834.	1.0	25
18	In situ laser-induced photochemical silver substrate synthesis and sequential SERS detection in a flow cell. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 815-820.	1.9	20

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19	Adsorption of 6-mercaptopurine and 6-mercaptopurine-ribose on silver colloid: A pH-dependent surface-enhanced Raman spectroscopy and density functional theory study. II. 6-mercaptopurine-ribose. <i>Biopolymers</i> , 2005, 78, 298-310.	1.2	19
20	The role of Ag ⁺ , Ca ²⁺ , Pb ²⁺ and Al ³⁺ adions in the SERS turn-on effect of anionic analytes. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2338-2345.	1.5	19
21	Raman spectroscopic and DFT theoretical study of 4-(2-pyridylazo)resorcinol and its complexes with zinc(II) and copper(II). <i>Journal of Molecular Structure</i> , 2009, 919, 94-99.	1.8	18
22	Knee osteoarthritis grading by resonant Raman and surface-enhanced Raman scattering (SERS) analysis of synovial fluid. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 20, 102012.	1.7	16
23	Prediction of Total Antioxidant Capacity of Fruit Juices Using FTIR Spectroscopy and PLS Regression. <i>Food Analytical Methods</i> , 2012, 5, 405-407.	1.3	15
24	Phenolic Content and Their Antioxidant Activity in Various Berries Cultivated in Romania. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology</i> , 2015, 72, .	0.1	12
25	New insights regarding the selectivity and the uptake potential of nanoceria by human cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 132-139.	2.3	10
26	Characterization of <i>Lycium barbarum</i> L. berry cultivated in North Macedonia: A chemometric approach. <i>Journal of Berry Research</i> , 2020, 10, 223-241.	0.7	10
27	In situ Silver Spot Preparation and on-Plate Surface-Enhanced Raman Scattering Detection in Thin Layer Chromatography Separation. <i>Journal of Applied Spectroscopy</i> , 2013, 80, 311-314.	0.3	9
28	SERS approach for Zn(II) detection in contaminated soil. <i>Open Chemistry</i> , 2011, 9, 410-414.	1.0	6
29	Room Temperature Synthesis of Highly Monodisperse and SERS-Active Glucose-Reduced Gold Nanoparticles. <i>Journal of Applied Spectroscopy</i> , 2015, 82, 415-419.	0.3	6
30	Raman Mapping: Emerging Applications. , 0, , .		6
31	Warfarin-Capped Gold Nanoparticles: Synthesis, Cytotoxicity, and Cellular Uptake. <i>Molecules</i> , 2019, 24, 4145.	1.7	6
32	Evaluation of Antiproliferative Potential of Cerium Oxide Nanoparticles on HeLa Human Cervical Tumor Cell. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology</i> , 2015, 72, .	0.1	1
33	GOLD NANOPARTICLES ENCAPSULATED IN A POLYMERIC MATRIX OF SODIUM ALGINATE. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology</i> , 2016, 73, 134.	0.1	1
34	Alfalfa Leaf Powder and its Potential Utilisation in Raw Vegan Chocolate. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology</i> , 2019, 76, 76-79.	0.1	1