

Visnja Gaurina Srcek

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,728
citations

18
h-index

41
g-index

45
ext. papers

2,050
ext. citations

3.8
avg, IF

4.75
L-index

#	Paper	IF	Citations
37	A brief overview of the potential environmental hazards of ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 99, 1-12	7	435
36	Evaluation of toxicity and biodegradability of choline chloride based deep eutectic solvents. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 112, 46-53	7	333
35	Natural deep eutectic solvents as beneficial extractants for enhancement of plant extracts bioactivity. <i>LWT - Food Science and Technology</i> , 2016 , 73, 45-51	5.4	164
34	Imidazolium based ionic liquids: effects of different anions and alkyl chains lengths on the barley seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 116-23	7	109
33	Antimicrobial, cytotoxic and antioxidative evaluation of natural deep eutectic solvents. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 14188-14196	5.1	70
32	In vitro cytotoxicity assessment of imidazolium ionic liquids: biological effects in fish Channel Catfish Ovary (CCO) cell line. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 112-8	7	62
31	Subcritical water extraction as an environmentally-friendly technique to recover bioactive compounds from traditional Serbian medicinal plants. <i>Industrial Crops and Products</i> , 2018 , 111, 579-589	5.9	56
30	Cholinium-based deep eutectic solvents and ionic liquids for lipase-catalyzed synthesis of butyl acetate. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 122, 188-198		52
29	Toxicity mechanisms of ionic liquids. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017 , 68, 171-179	1.7	49
28	Ready-to-use green polyphenolic extracts from food by-products. <i>Food Chemistry</i> , 2019 , 283, 628-636	8.5	47
27	Comparative in vitro study of cholinium-based ionic liquids and deep eutectic solvents toward fish cell line. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 131, 30-6	7	38
26	Cytotoxicity towards CCO cells of imidazolium ionic liquids with functionalized side chains: preliminary QSTR modeling using regression and classification based approaches. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 112, 22-8	7	33
25	Cytotoxic effects of imidazolium ionic liquids on fish and human cell lines. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2012 , 63, 15-20	1.7	32
24	Assessment of glucosinolates, antioxidative and antiproliferative activity of broccoli and collard extracts. <i>Journal of Food Composition and Analysis</i> , 2017 , 61, 59-66	4.1	31
23	Toxic airborne S, PAH, and trace element legacy of the superhigh-organic-sulphur Rañ coal combustion: Cytotoxicity and genotoxicity assessment of soil and ash. <i>Science of the Total Environment</i> , 2016 , 566-567, 306-319	10.2	29
22	Phenolic Composition, Antioxidant Capacity and Cytotoxicity Assessment of Fruit Wines. <i>Food Technology and Biotechnology</i> , 2016 , 54, 145-155	2.1	24
21	Atrazine exposure decreases cell proliferation in Chinese Hamster Ovary (CHO-K1) cell line. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 81, 205-9	2.7	23

20	Influence of different ammonium, lactate and glutamine concentrations on CCO cell growth. <i>Cytotechnology</i> , 2010 , 62, 585-94	2.2	21
19	Aujeszký disease virus production in disposable bioreactor. <i>Journal of Biosciences</i> , 2006 , 31, 363-8	2.3	18
18	Hempseed protein hydrolysates effects on the proliferation and induced oxidative stress in normal and cancer cell lines. <i>Molecular Biology Reports</i> , 2019 , 46, 6079-6085	2.8	17
17	Cytotoxic and genotoxic effects of water and sediment samples from gypsum mining area in channel catfish ovary (CCO) cells. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 98, 119-27	7	14
16	Conjugates of 1-aminoferrrocene-1-carboxylic acid and proline: synthesis, conformational analysis and biological evaluation. <i>Molecules</i> , 2014 , 19, 12852-80	4.8	9
15	BHK 21 C13 cells for Aujeszký disease virus production using the multiple harvest process. <i>Cytotechnology</i> , 2004 , 45, 101-6	2.2	8
14	Regio- and enantioselective microbial hydroxylation and evaluation of cytotoxic activity of Etylcitral-derived halolactones. <i>PLoS ONE</i> , 2017 , 12, e0183429	3.7	7
13	Canolol Dimer, a Biologically Active Phenolic Compound of Edible Rapeseed Oil. <i>Lipids</i> , 2019 , 54, 189-200.	6	6
12	Adaptation and cultivation of permanent fish cell line CCO in serum-free medium and influence of protein hydrolysates on growth performance. <i>Cytotechnology</i> , 2016 , 68, 115-121	2.2	6
11	Biological Potential of Flaxseed Protein Hydrolysates Obtained by Different Proteases. <i>Plant Foods for Human Nutrition</i> , 2020 , 75, 518-524	3.9	6
10	Comparison of cytotoxicity induced by 17 β -ethynylestradiol and diethylstilbestrol in fish CCO and mammalian CHO-K1 cell lines. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011 , 86, 252-7	2.7	5
9	Growth characteristics of channel catfish ovary cells-influence of glucose and glutamine. <i>Cytotechnology</i> , 2008 , 57, 273-8	2.2	4
8	The Potential Use of Indigobush (<i>Amorpha fruticosa</i> L.) as Natural Resource of Biologically Active Compounds. <i>South-East European Forestry</i> , 2015 , 6, 171-178	0.5	4
7	Adaptation of CHO cells in serum-free conditions for erythropoietin production: Application of EVOP technique for process optimization. <i>Biotechnology and Applied Biochemistry</i> , 2016 , 63, 633-641	2.8	3
6	Bioactivity Comparison of Electrospun PCL Mats and Liver Extracellular Matrix as Scaffolds for HepG2 Cells. <i>Polymers</i> , 2021 , 13,	4.5	3
5	Application of flow cytometry in the study of apoptosis in neonatal rat cardiomyocytes. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007 , 29, 681-7		2
4	lonške kapljevine razvoj i izazovi industrijske primjene. <i>Kemija U Industriji</i> , 2014 , 63,	0.3	1
3	Effect of porcine brain growth factor on primary cell cultures and BHK-21 [C-13] cell line. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009 , 45, 28-31	2.6	1

- 2 Protein Hydrolysates from Flaxseed Oil Cake as a Media Supplement in CHO Cell Culture. *Resources*, **2021**, 10, 59 3.7 1
- 1 Utihak proteina iz uljne pogač lana na rast i produktivnost CHO-E i HEK-293T stanica. *Hrvatski časopis Za Prehrambenu Tehnologiju Biotehnologiju I Nutricionizam*, **2020**, 14, 98-104 0.2