

# Radmila M PavloviÄ

## List of Publications by Year in descending order

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73  
papers

1,359  
citations

393982

19  
h-index

395343

33  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipidomics profile of irradiated ground meat to support food safety. <i>Food Chemistry</i> , 2022, 375, 131700.	4.2	15
2	UV light impact on phthalates migration from children's toys into artificial saliva. <i>Journal of the Serbian Chemical Society</i> , 2022, 87, 145-156.	0.4	1
3	Impact of irradiation on metabolomics profile of ground meat and its implications toward food safety. <i>LWT - Food Science and Technology</i> , 2022, 161, 113305.	2.5	10
4	Presence of perfluoroalkyl substances in Mediterranean sea and North Italian lake fish addressed to Italian consumer. <i>International Journal of Food Science and Technology</i> , 2022, 57, 1303-1316.	1.3	10
5	Phthalates leaching from plastic food and pharmaceutical contact materials by FTIR and GC-MS. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31380-31390.	2.7	24
6	Antibiotics and Non-Targeted Metabolite Residues Detection as a Comprehensive Approach toward Food Safety in Raw Milk. <i>Foods</i> , 2021, 10, 544.	1.9	10
7	Determination of Carbohydrates in Lactose-Free Dairy Products to Support Food Labelling. <i>Foods</i> , 2021, 10, 1219.	1.9	8
8	New Stable Cell Lines Derived from the Proximal and Distal Intestine of Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) Retain Several Properties Observed In Vivo. <i>Cells</i> , 2021, 10, 1555.	1.8	15
9	Undeclared (Poly)phosphates Detection in Food of Animal Origin as a Potential Tool toward Fraud Prevention. <i>Foods</i> , 2021, 10, 1547.	1.9	4
10	Effect of High-Pressure Processing on Physico-Chemical, Microbiological and Sensory Traits in Fresh Fish Fillets ( <i>Salmo salar</i> and <i>Pleuronectes platessa</i> ). <i>Foods</i> , 2021, 10, 1775.	1.9	13
11	Multidisciplinary analysis of Italian Alpine wildflower honey reveals criticalities, diversity and value. <i>Scientific Reports</i> , 2021, 11, 19316.	1.6	13
12	Presence of emerging contaminants in baby food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 131-142.	1.1	22
13	Sorbent-excluding sample preparation method for GC-MS pesticide analysis in apple peel. <i>Biomedical Chromatography</i> , 2020, 34, e4720.	0.8	5
14	Discrimination between Fresh and Frozen-Thawed Fish Involved in Food Safety and Fraud Protection. <i>Foods</i> , 2020, 9, 1896.	1.9	12
15	Occurrence of perchlorate, chlorate and polar herbicides in different baby food commodities. <i>Food Chemistry</i> , 2020, 330, 127205.	4.2	36
16	Influence of Altitude on Phytochemical Composition of Hemp Inflorescence: A Metabolomic Approach. <i>Molecules</i> , 2020, 25, 1381.	1.7	50
17	Impact of Lipid Sources on Quality Traits of Medical Cannabis-Based Oil Preparations. <i>Molecules</i> , 2020, 25, 2986.	1.7	10
18	Detection of polyphosphates in seafood and its relevance toward food safety. <i>Food Chemistry</i> , 2020, 332, 127397.	4.2	16

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19	Effectiveness of Different Analytical Methods for the Characterization of Propolis: A Case of Study in Northern Italy. <i>Molecules</i> , 2020, 25, 504.	1.7	34
20	Quality Traits of Medical Cannabis sativa L. Inflorescences and Derived Products Based on Comprehensive Mass-Spectrometry Analytical Investigation. , 2019, , .		6
21	Phytochemical and Ecological Analysis of Two Varieties of Hemp (Cannabis sativa L.) Grown in a Mountain Environment of Italian Alps. <i>Frontiers in Plant Science</i> , 2019, 10, 1265.	1.7	93
22	Detection of nitrate and nitrite in different seafood. <i>Food Chemistry</i> , 2019, 288, 361-367.	4.2	28
23	Nitric oxide products are not associated with metabolic syndrome. <i>Journal of Medical Biochemistry</i> , 2019, 38, 361-367.	0.7	11
24	Validated multiclass targeted determination of antibiotics in fish with high performance liquid chromatographyâ€benctop quadrupole orbitrap hybrid mass spectrometry. <i>Food Chemistry</i> , 2018, 258, 222-230.	4.2	47
25	Comprehensive quality evaluation of medical Cannabis sativa L. inflorescence and macerated oils based on HS-SPME coupled to GCâ€MS and LC-HRMS (q-exactive orbitrapÂ®) approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 208-219.	1.4	104
26	Evaluation of parabens and their metabolites in fish and fish products: a comprehensive analytical approach using LC-HRMS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 2400-2413.	1.1	22
27	Biogenic amines evaluation in wild Bluefin tuna (Thunnus thynnus) originating from various FAO areas. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2018, 13, 375-382.	0.5	5
28	Quality Traits of â€Cannabidiol Oilsâ€ Cannabinoids Content, Terpene Fingerprint and Oxidation Stability of European Commercially Available Preparations. <i>Molecules</i> , 2018, 23, 1230.	1.7	140
29	Detrimental effects of a bout of physical exercise on circulating endogenous inhibitors of endothelial function in patients with coronary artery disease. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 610-616.	0.6	4
30	Effects and detection of Nandrosol and ractopamine administration in veal calves. <i>Food Chemistry</i> , 2017, 221, 706-713.	4.2	7
31	Evaluation of nandrolone and ractopamine in the urine of veal calves: liquid chromatographyâ€tandem mass spectrometry approach. <i>Drug Testing and Analysis</i> , 2017, 9, 561-570.	1.6	1
32	Bovine teeth as a novel matrix for the control of the food chain: liquid chromatographyâ€tandem mass spectrometry detection of treatments with prednisolone, dexamethasone, estradiol, nandrolone and seven Î²<sub>2</sub>-agonists. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 40-48.	1.1	9
33	HPLC-ESI-MS/MS assessment of the tetrahydro-metabolites of cortisol and cortisone in bovine urine: promising markers of dexamethasone and prednisolone treatment. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1175-1189.	1.1	6
34	Radiation-induced erectile dysfunction: Recent advances and future directions. <i>Advances in Radiation Oncology</i> , 2016, 1, 161-169.	0.6	50
35	A Liquid Chromatographyâ€Tandem Mass Spectrometry Method for the Detection of Antimicrobial Agents from Seven Classes in Calf Milk Replacers: Validation and Application. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2635-2640.	2.4	20
36	Determination of Thyreostats in Bovine Urine and Thyroid Glands by HPLCâ€MS/MS. <i>Chromatographia</i> , 2016, 79, 591-599.	0.7	5

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37	Detection of selected corticosteroids and anabolic steroids in calf milk replacers by liquid chromatography-electrospray ionisation Tandem mass spectrometry. <i>Food Control</i> , 2016, 61, 196-203.	2.8	16
38	Suitability of bovine bile compared to urine for detection of free, sulfate and glucuronate boldenone, androstadienedione, cortisol, cortisone, prednisolone, prednisone and dexamethasone by LC-MS/MS. <i>Food Chemistry</i> , 2015, 188, 473-480.	4.2	13
39	Pseudoendogenous presence of $\hat{1}^2$ -boldenone sulphate and glucuronide in untreated young bulls from the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 825-832.	1.1	1
40	Determination of veterinary antibiotics in bovine urine by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 185, 7-15.	4.2	40
41	Determination of $\hat{1}^{\pm}$ - and $\hat{1}^2$ -boldenone sulfate, glucuronide and free forms, and androstadienedione in bovine urine using immunoaffinity columns clean-up and liquid chromatography tandem mass spectrometry analysis. <i>Talanta</i> , 2015, 131, 163-169.	2.9	11
42	Circulating purine compounds, uric acid, and xanthine oxidase/dehydrogenase relationship in essential hypertension and end stage renal disease. <i>Renal Failure</i> , 2014, 36, 613-618.	0.8	51
43	Benefit Agmatine Effects in Experimental Multiple Sclerosis. CNS Nitrosative and Oxidative Stress Suppression / Protektivni Efekti Agmatina U Eksperimentalnoj Multiploj Sklerozi. <i>Supresija Nitrozativnog I Oksidativnog Stresa U CNS-U. Acta Facultatis Medicae Naissensis</i> , 2014, 31, 233-243.	0.1	2
44	The presence of prednisolone in complementary feedstuffs for bovine husbandry. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2331-2337.	1.7	2
45	The Importance of Nitric Oxide and Arginase in the Pathogenesis of Acute Neuroinflammation: Are Those Contra Players with the Same Direction?. <i>Neurotoxicity Research</i> , 2014, 26, 392-399.	1.3	16
46	Endothelial dysfunction, inflammation and malnutrition markers as predictors of mortality in dialysis patients: multimarker approach. <i>International Urology and Nephrology</i> , 2013, 45, 1715-1724.	0.6	18
47	Diagnostic Significance of Nitrates and Nitrites and L-Arginine, in Development of Hepatorenal Syndrome in Patients with End Stage Alcoholic Liver Cirrhosis. <i>Renal Failure</i> , 2013, 35, 633-639.	0.8	3
48	The importance of l-arginine metabolism modulation in diabetic patients with distal symmetric polyneuropathy. <i>Journal of the Neurological Sciences</i> , 2013, 324, 40-44.	0.3	8
49	Tetrahydro-metabolites of cortisol and cortisone in bovine urine evaluated by HPLC-ESI-mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 135, 30-35.	1.2	14
50	ADMA and C-reactive protein as mortality predictors in dialysis patients. <i>Open Medicine (Poland)</i> , 2013, 8, 346-353.	0.6	2
51	Dimethylarginine biomarkers in progression of kidney disease / Dimetilarginini biomarkeri u progresiji bubreÅ¾nih oboljenja. <i>Journal of Medical Biochemistry</i> , 2012, 31, 301-308.	0.7	6
52	Pathophysiological importance of nitric oxide in coronary heart disease / PatofizioloÅ¾ki znaÄj azot-monoksida u koronarnoj bolesti srca. <i>Journal of Medical Biochemistry</i> , 2012, 31, 287-294.	0.7	0
53	Different behavior of 3-nitrotyrosine and tyrosine toward perfluorinated reagents suitable for one-step preparation of volatile derivatives. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 667-683.	0.4	0
54	Nitric oxide mediated signalization and nitrosative stress in neuropathology / Azot oksid mediated posredovana signalizacija i nitrozativni stres u neuropatologiji. <i>Journal of Medical Biochemistry</i> , 2012, 31, 295-300.	0.7	4

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55	DETERMINATION OF CORTISOL, CORTISONE, PREDNISOLONE AND PREDNISONONE IN BOVINE URINE BY LIQUID CHROMATOGRAPHYâ€“ELECTROSPRAY IONISATION SINGLE QUADRUPOLE MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 444-457.	0.5	11
56	Modulation of nitric oxide synthase by arginase and methylated arginines during the acute phase of experimental multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 318, 106-111.	0.3	19
57	Influence Of Age On Red Wine Colour During Fining With Bentonite And Gelatin. <i>International Journal of Food Properties</i> , 2012, 15, 326-335.	1.3	20
58	The reduced glutathione and S-nitrosothiols levels in acute phase of experimental demyelination â€“ Pathophysiological approach and possible clinical relevancy. <i>Neuroscience</i> , 2012, 219, 175-182.	1.1	16
59	Asymmetric and symmetric dimethylarginine in patients presenting with risk factors for coronary heart disease. <i>Open Medicine (Poland)</i> , 2012, 7, 659-664.	0.6	0
60	INF-Î²1b therapy modulates l-arginine and nitric oxide metabolism in patients with relapse remittent multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 323, 187-192.	0.3	17
61	Assessment of Î±-tocopherol content in cow and goat milk from the Serbian market. <i>Hemijaska Industrija</i> , 2012, 66, 559-566.	0.3	10
62	Circulating Ribonucleic Acids and Metabolic Stress Parameters May Reflect Progression of Autoimmune or Inflammatory Conditions in Juvenile Type 1 Diabetes. <i>Scientific World Journal</i> , The, 2011, 11, 1496-1508.	0.8	5
63	Synthesis, physicochemical and spectroscopic characterization of copper(II)-polysaccharide pullulan complexes by UVâ€“vis, ATR-FTIR, and EPR. <i>Carbohydrate Research</i> , 2011, 346, 434-441.	1.1	67
64	Peroxynitrite and nitrosoperoxy carbonate, a tightly connected oxidizing-nitrating couple in the reactive nitrogen-oxygen species family: new perspectives for protection from radical-promoted injury by flavonoids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1687-1695.	1.2	14
65	New Procedure for the Determination of 3-Nitrotyrosine in Plasma by GCâ€“ECD. <i>Chromatographia</i> , 2009, 70, 637-641.	0.7	7
66	Impact of interval versus steady state exercise on nitric oxide production in patients with left ventricular dysfunction. <i>Acta Cardiologica</i> , 2009, 64, 219-224.	0.3	7
67	Activity of Adenosine Deaminase and Adenylate Deaminase on Adenosine and 2', 3'-Isopropylidene Adenosine: Role of the Protecting Group at Different pH Values. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 31-36.	0.4	2
68	Deamination of 2â€“3-O-Isopropylideneadenosine-5â€“Carboxylic Acid Catalyzed by Adenosine Deaminase (ADA) and Adenylate Deaminase (AMPDA): Influence of Substrate Ionization on the Activity of the Enzymes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 121-127.	0.4	3
69	The role of L-arginine in toxic liver failure: interrelation of arginase, polyamine catabolic enzymes and nitric oxide synthase. <i>Amino Acids</i> , 2007, 32, 127-131.	1.2	29
70	Possible impact of plasma RNase activity on immune dysfunction in juvenile diabetes mellitus. <i>Pediatric Diabetes</i> , 2005, 6, 155-160.	1.2	5
71	Sodium nitroprusside and peroxy nitrite effect on hepatic DNases: an in vitro and in vivo study. <i>Comparative Hepatology</i> , 2004, 3, 6.	0.9	8
72	Pulmonary Blast Injury Increases Nitric Oxide Production, Disturbs Arginine Metabolism, and Alters the Plasma Free Amino Acid Pool in Rabbits during the Early Posttraumatic Period. <i>Nitric Oxide - Biology and Chemistry</i> , 2000, 4, 123-128.	1.2	31

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73	Overview on Italian hemp production chain, related productive and commercial activities and legislative framework. Italian Journal of Agronomy, 0, , .	0.4	15