

# Denisa Margina

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

2,232  
citations

279487

23  
h-index

223531

46  
g-index

101  
all docs

101  
docs citations

101  
times ranked

4101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Akt inhibitors in cancer treatment: The long journey from drug discovery to clinical use (Review). <i>International Journal of Oncology</i> , 2016, 48, 869-885.	1.4	302
2	Obesity – A risk factor for increased COVID-19 prevalence, severity and lethality (Review). <i>Molecular Medicine Reports</i> , 2020, 22, 9-19.	1.1	281
3	Current evidence on the effect of dietary polyphenols intake on chronic diseases. <i>Food and Chemical Toxicology</i> , 2017, 110, 286-299.	1.8	200
4	The Akt pathway in oncology therapy and beyond (Review). <i>International Journal of Oncology</i> , 2018, 53, 2319-2331.	1.4	156
5	A Review of the Alleged Health Hazards of Monosodium Glutamate. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1111-1134.	5.9	130
6	Alzheimer's disease treated patients showed different patterns for oxidative stress and inflammation markers. <i>Food and Chemical Toxicology</i> , 2013, 61, 209-214.	1.8	82
7	Advanced oxidative and glycoxidative protein damage markers in the elderly with type 2 diabetes. <i>Journal of Proteomics</i> , 2013, 92, 313-322.	1.2	67
8	Chronic Inflammation in the Context of Everyday Life: Dietary Changes as Mitigating Factors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4135.	1.2	67
9	Natural products – friends or foes?. <i>Toxicology Letters</i> , 2015, 236, 154-167.	0.4	57
10	Analysis of the intricate effects of polyunsaturated fatty acids and polyphenols on inflammatory pathways in health and disease. <i>Food and Chemical Toxicology</i> , 2020, 143, 111558.	1.8	57
11	An inter-laboratory validation of methods of lipid peroxidation measurement in UVA-treated human plasma samples. <i>Free Radical Research</i> , 2010, 44, 1203-1215.	1.5	56
12	Vitamin D status and oxidative stress markers in the elderly with impaired fasting glucose and type 2 diabetes mellitus. <i>Aging Clinical and Experimental Research</i> , 2012, 24, 595-602.	1.4	49
13	Membrane effects exerted in vitro by polyphenols – quercetin, epigallocatechin gallate and curcumin – on HUVEC and Jurkat cells, relevant for diabetes mellitus. <i>Food and Chemical Toxicology</i> , 2013, 61, 86-93.	1.8	48
14	Vitamin E beyond Its Antioxidant Label. <i>Antioxidants</i> , 2021, 10, 634.	2.2	46
15	Lipoprotein redox status evaluation as a marker of cardiovascular disease risk in patients with inflammatory disease. <i>Molecular Medicine Reports</i> , 2017, 15, 256-262.	1.1	38
16	Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2217.	1.8	38
17	Analysis of circulating microRNAs that are specifically increased in hyperlipidemic and/or hyperglycemic sera. <i>Molecular Biology Reports</i> , 2014, 41, 5765-5773.	1.0	36
18	Assessment of the potential health benefits of certain total extracts from <i>Vitis vinifera</i> , <i>Aesculus hippocastanum</i> and <i>Curcuma longa</i> . <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1681-1688.	0.8	36

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19	Anticancer potential of selected Fallopia Adans species. <i>Oncology Letters</i> , 2015, 10, 1323-1332.	0.8	34
20	Adiponectin: possible link between metabolic stress and oxidative stress in the elderly. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 621-629.	1.4	32
21	Quercetin and epigallocatechin gallate effects on the cell membranes biophysical properties correlate with their antioxidant potential. <i>General Physiology and Biophysics</i> , 2012, 31, 47-55.	0.4	31
22	Toxicity of plant extracts containing pyrrolizidine alkaloids using alternative invertebrate models. <i>Molecular Medicine Reports</i> , 2018, 17, 7757-7763.	1.1	31
23	Preclinical and clinical results regarding the effects of a plant-based antidiabetic formulation versus well established antidiabetic molecules. <i>Pharmacological Research</i> , 2019, 150, 104522.	3.1	31
24	Neuroprotective effects of <i>Scrophularia buergeriana</i> extract against glutamate-induced toxicity in SH-SY5Y cells. <i>International Journal of Molecular Medicine</i> , 2019, 43, 2144-2152.	1.8	26
25	Targeting Bacterial Sortases in Search of Anti-virulence Therapies with Low Risk of Resistance Development. <i>Pharmaceuticals</i> , 2021, 14, 415.	1.7	26
26	Quercetin and Epigallocatechin Gallate Induce in Vitro a Dose-Dependent Stiffening and Hyperpolarizing Effect on the Cell Membrane of Human Mononuclear Blood Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4839-4859.	1.8	25
27	Overview of the effects of chemical mixtures with endocrine disrupting activity in the context of real-life risk simulation (RLRS): An integrative approach (Review). <i>World Academy of Sciences Journal</i> , 2019, 1, 157-164.	0.4	25
28	Discovery of natural naphthoquinones as sortase A inhibitors and potential anti-infective solutions against <i>Staphylococcus aureus</i> . <i>Drug Development Research</i> , 2019, 80, 1136-1145.	1.4	22
29	Structural Analysis of Sortase A Inhibitors. <i>Molecules</i> , 2016, 21, 1591.	1.7	20
30	Quercetin and epigallocatechin-3-gallate effect on the anisotropy of model membranes with cholesterol. <i>Food and Chemical Toxicology</i> , 2013, 61, 94-100.	1.8	19
31	Insulin-Leptin Axis, Cardiometabolic Risk and Oxidative Stress in Elderly with Metabolic Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2018, 126, 445-452.	0.6	17
32	Regulation of Gene Expression through Food Curcumin as a Sirtuin Activity Modulator. <i>Plants</i> , 2022, 11, 1741.	1.6	17
33	Spectrophotometric versus spectrofluorometric assessment in the study of the relationships between lipid peroxidation and metabolic dysregulation. <i>Chemical Biology and Drug Design</i> , 2019, 93, 1026-1035.	1.5	16
34	Correlation between erythropoietin serum levels and erythrocyte susceptibility to lipid peroxidation in elderly with type 2 diabetes. <i>Acta Physiologica Hungarica</i> , 2015, 102, 400-408.	0.9	11
35	Procaine – The Controversial Geroprotector Candidate: New Insights Regarding Its Molecular and Cellular Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	10
36	Metabolic and Metabolomic Insights Regarding the Omega-3 PUFAs Intake in Type 1 Diabetes Mellitus. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 783065.	1.6	10

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37	Oral toxicity study of certain plant extracts containing pyrrolizidine alkaloids. Romanian Journal of Morphology and Embryology, 2016, 57, 1017-1023.	0.4	10
38	Synthesis of New Dynamic Movement Primitives Through Search in a Hierarchical Database of Example Movements. International Journal of Advanced Robotic Systems, 2015, 12, 137.	1.3	8
39	In vitro effects of prolonged exposure to quercetin and epigallocatechin gallate of the peripheral blood mononuclear cell membrane. Cellular and Molecular Biology Letters, 2014, 19, 542-60.	2.7	7
40	Identification of Novel Antistaphylococcal Hit Compounds Targeting Sortase A. Molecules, 2021, 26, 7095.	1.7	7
41	The Radioprotective Effect of Procaine and Procaine-Derived Product Gerovital H3 in Lymphocytes from Young and Aged Individuals. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	1.9	6
42	Apoptosis is induced by sub-acute exposure to 3-MCPD and glycidol on Wistar Albino rat brain cells. Environmental Toxicology and Pharmacology, 2021, 87, 103735.	2.0	6
43	Hepatoprotective effects of chlorogenic acid under hyperglycemic conditions. Romanian Biotechnological Letters, 2019, 24, 301-307.	0.5	6
44	Trends in the Evaluation of Lipid Peroxidation Processes. , 0, , .		4
45	Zinc status, insulin resistance and glycoxidative stress in elderly subjects with type 2 diabetes mellitus. Experimental and Therapeutic Medicine, 2021, 22, 1393.	0.8	4
46	Associations between thyroid dysfunction and chronic kidney disease. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2014, 21, 37-42.	0.3	3
47	Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies. International Journal of Molecular Medicine, 2019, 44, 16-24.	1.8	3
48	HIV-1 integrase inhibitors targeting various DDE transposases: Retroviral integration versus RAG-mediated recombination (Review). Molecular Medicine Reports, 2019, 20, 4749-4762.	1.1	3
49	Interleukins and redox impairment in type 2 diabetes mellitus: mini-review and pilot study. Current Medical Research and Opinion, 2022, 38, 511-522.	0.9	3
50	The role of quercetin in membrane stability. General Physiology and Biophysics, 2012, 31, 229-232.	0.4	2
51	Comparative evaluation of short-term toxicity of inorganic arsenic compounds on Artemia salina. Romanian Journal of Morphology and Embryology, 2015, 56, 1091-6.	0.4	2
52	Dynamics of Prostate-Specific Antigen Levels During Treatment with Testosterone Undecanoate in Patients with Type 2 Diabetes Mellitus. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2012, 19, 397-403.	0.3	1
53	Comparative assessment of protein carbonyls in biological samples. Toxicology Letters, 2014, 229, S97-S98.	0.4	1
54	Assessment of serum oxidative stress biomarkers for smoking patients in different age groups. Toxicology Letters, 2017, 280, S97.	0.4	1

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55	Receptor of advanced glycation end products and cardiovascular risk in elderly with type 2 diabetes mellitus. <i>Journal of Biological Research (Italy)</i> , 2017, 90, .	0.0	1
56	Evaluation of Cognitive Function in Patients with Type 2 Diabetes and Overt Hypothyroidism. <i>Romanian Journal of Diabetes Nutrition and Metabolic Diseases</i> , 2018, 25, 83-89.	0.3	1
57	Redox status parameters and PBMC membrane fluidity in diabetes mellitus. <i>Orvosi Hetilap</i> , 2009, 3, 279-291.	0.2	1
58	Determination of pyrrolizidine alkaloids in dietary sources using a spectrophotometric method. <i>Journal of Mind and Medical Sciences</i> , 2018, 5, 294-299.	0.1	1
59	Effects of chlorogenic acid on the liver cell metabolism under high glucose conditions. <i>Romanian Biotechnological Letters</i> , 2019, 24, 883-892.	0.5	1
60	Oxidative stress markers for monitoring secondary effects of rheumatoid arthritis treatments. <i>Toxicology Letters</i> , 2009, 189, S122.	0.4	0
61	Evaluation of the correlations between Montgomeryâ€™Astberg depression rating scale and redox stress markers. <i>Toxicology Letters</i> , 2009, 189, S126.	0.4	0
62	In vitro studies regarding the effects of epigallocatechin gallate on biophysical properties of PBMC isolated from chronic hyperglycemia patients. <i>Toxicology Letters</i> , 2011, 205, S66.	0.4	0
63	The immune status and the disease score in rheumatoid arthritis (RA). <i>Toxicology Letters</i> , 2011, 205, S150.	0.4	0
64	Glucose Homeostasis in Patients with Pheochromocytoma. <i>Romanian Journal of Diabetes Nutrition and Metabolic Diseases</i> , 2013, 20, 63-67.	0.3	0
65	Anthropometric and Metabolic Characteristics of Patients with Type 2 Diabetes Mellitus and Hypochromia. <i>Romanian Journal of Diabetes Nutrition and Metabolic Diseases</i> , 2014, 21, 285-290.	0.3	0
66	Studies regarding the toxic effects exhibited by arsenic on daphnia magna metabolism as revealed by GSH and LDH. <i>Toxicology Letters</i> , 2014, 229, S110.	0.4	0
67	Effects of donepezil, memantine and rivastigmine on certain biophysical and biochemical parameters in HUVEC cells. <i>Toxicology Letters</i> , 2014, 229, S84.	0.4	0
68	The pattern of carbonylated human serum albumin using cluster analysis. <i>Toxicology Letters</i> , 2015, 238, S169.	0.4	0
69	Effects induced by natural extracts on Daphnia magna exposed to UV toxicity. <i>Toxicology Letters</i> , 2015, 238, S286.	0.4	0
70	Generalization of discrete Compliant Movement Primitives. , 2015, , .		0
71	A fuzzy c-means and k-means clustering analysis on relevant diabetic retinopathy biomarkers. <i>Toxicology Letters</i> , 2016, 258, S117.	0.4	0
72	Investigation of the effects of rivastigmine, donepezil and memantine at the cellular level through in vitro studies. <i>Toxicology Letters</i> , 2017, 280, S88.	0.4	0

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73	Polyphenols: the hallmark of endothelial dysfunction combatants. , 2021, , 389-402.		0
74	Effect of Aging and Exercise Training on Plasma Insulin Concentration. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2013, 20, 339-342.	0.3	0
75	Metabolic Interplay of Hepatic Enzymes – A Case Report. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2016, 23, 169-175.	0.3	0
76	Very Severe Hypertriglyceridemia-Casre Report with General Considerations. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2018, 25, 425-430.	0.3	0