

Oleh V Lushchak

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4610818/oleh-v-lushchak-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

104
papers

3,329
citations

31
h-index

56
g-index

109
ext. papers

4,251
ext. citations

4.5
avg, IF

5.62
L-index

#	Paper	IF	Citations
104	Association between body mass index and Firmicutes/Bacteroidetes ratio in an adult Ukrainian population. <i>BMC Microbiology</i> , 2017 , 17, 120	4.5	422
103	Hyperoxia results in transient oxidative stress and an adaptive response by antioxidant enzymes in goldfish tissues. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 1670-80	5.6	211
102	Hypoxia and recovery perturb free radical processes and antioxidant potential in common carp (<i>Cyprinus carpio</i>) tissues. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 1319-30	5.6	201
101	Factors that regulate insulin producing cells and their output in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2013 , 4, 252	4.6	165
100	Low toxic herbicide Roundup induces mild oxidative stress in goldfish tissues. <i>Chemosphere</i> , 2009 , 76, 932-7	8.4	154
99	Anti-aging pharmacology: Promises and pitfalls. <i>Ageing Research Reviews</i> , 2016 , 31, 9-35	12	96
98	Aconitase post-translational modification as a key in linkage between Krebs cycle, iron homeostasis, redox signaling, and metabolism of reactive oxygen species. <i>Redox Report</i> , 2014 , 19, 8-15	5.9	94
97	Oxidative stress and antioxidant defense responses by goldfish tissues to acute change of temperature from 3 to 23 °C. <i>Journal of Thermal Biology</i> , 2007 , 32, 227-234	2.9	94
96	Identified peptidergic neurons in the <i>Drosophila</i> brain regulate insulin-producing cells, stress responses and metabolism by coexpressed short neuropeptide F and corazonin. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 4051-66	10.3	89
95	High sucrose consumption promotes obesity whereas its low consumption induces oxidative stress in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2015 , 79, 42-54	2.4	76
94	Chromium(III) induces oxidative stress in goldfish liver and kidney. <i>Aquatic Toxicology</i> , 2009 , 93, 45-52	5.1	76
93	The effect of potassium dichromate on free radical processes in goldfish: possible protective role of glutathione. <i>Aquatic Toxicology</i> , 2008 , 87, 108-14	5.1	69
92	Systemic corazonin signalling modulates stress responses and metabolism in <i>Drosophila</i> . <i>Open Biology</i> , 2016 , 6,	7	60
91	<i>Drosophila melanogaster</i> larvae fed by glucose and fructose demonstrate difference in oxidative stress markers and antioxidant enzymes of adult flies. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011 , 160, 27-34	2.6	60
90	Metformin as a geroprotector: experimental and clinical evidence. <i>Biogerontology</i> , 2019 , 20, 33-48	4.5	60
89	Nanodelivery of Natural Antioxidants: An Anti-aging Perspective. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 447	5.8	59
88	Inactivation of genes, encoding tocopherol biosynthetic pathway enzymes, results in oxidative stress in outdoor grown <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2009 , 47, 384-90	5.4	57

87	Diethyldithiocarbamate inhibits in vivo Cu,Zn-superoxide dismutase and perturbs free radical processes in the yeast <i>Saccharomyces cerevisiae</i> cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1739-44	3.4	57
86	High consumption of fructose rather than glucose promotes a diet-induced obese phenotype in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015 , 180, 75-85	2.6	56
85	Possible role of superoxide dismutases in the yeast <i>Saccharomyces cerevisiae</i> under respiratory conditions. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 441, 35-40	4.1	56
84	<i>Drosophila</i> insulin-producing cells are differentially modulated by serotonin and octopamine receptors and affect social behavior. <i>PLoS ONE</i> , 2014 , 9, e99732	3.7	54
83	Specific dietary carbohydrates differentially influence the life span and fecundity of <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 3-12	6.4	52
82	Balance between macronutrients affects life span and functional senescence in fruit fly <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 118-25	6.4	50
81	The role of the TOR pathway in mediating the link between nutrition and longevity. <i>Mechanisms of Ageing and Development</i> , 2017 , 164, 127-138	5.6	48
80	Implementation of longevity-promoting supplements and medications in public health practice: achievements, challenges and future perspectives. <i>Journal of Translational Medicine</i> , 2017 , 15, 160	8.5	45
79	Trivalent chromium induces oxidative stress in goldfish brain. <i>Chemosphere</i> , 2009 , 75, 56-62	8.4	42
78	Chromium effects on free radical processes in goldfish tissues: comparison of Cr(III) and Cr(VI) exposures on oxidative stress markers, glutathione status and antioxidant enzymes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 152, 360-70	3.2	41
77	Food odors trigger an endocrine response that affects food ingestion and metabolism. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 3143-55	10.3	39
76	Sodium nitroprusside toxicity in <i>Drosophila melanogaster</i> : delayed pupation, reduced adult emergence, and induced oxidative/nitrosative stress in eclosed flies. <i>Archives of Insect Biochemistry and Physiology</i> , 2012 , 80, 166-85	2.3	36
75	Insulin-Like Peptides Regulate Feeding Preference and Metabolism in. <i>Frontiers in Physiology</i> , 2018 , 9, 1083	4.6	34
74	Developmental origins of type 2 diabetes: Focus on epigenetics. <i>Ageing Research Reviews</i> , 2019 , 55, 100957		31
73	Developmental programming of aging trajectory. <i>Ageing Research Reviews</i> , 2018 , 47, 105-122	12	31
72	Differences in the gut Firmicutes to Bacteroidetes ratio across age groups in healthy Ukrainian population. <i>BMC Microbiology</i> , 2020 , 20, 221	4.5	30
71	Lifespan extension and delay of age-related functional decline caused by <i>Rhodiola rosea</i> depends on dietary macronutrient balance. <i>Longevity & Healthspan</i> , 2013 , 2, 5		27
70	S-nitrosoglutathione-induced toxicity in <i>Drosophila melanogaster</i> : Delayed pupation and induced mild oxidative/nitrosative stress in eclosed flies. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 164, 162-70	2.6	27

69	Sodium nitroprusside induces mild oxidative stress in <i>Saccharomyces cerevisiae</i> . <i>Redox Report</i> , 2008 , 13, 144-52	5.9	23
68	Health Benefits of Anti-aging Drugs. <i>Sub-Cellular Biochemistry</i> , 2019 , 91, 339-392	5.5	22
67	Catalase modifies yeast <i>Saccharomyces cerevisiae</i> response towards S-nitrosoglutathione-induced stress. <i>Redox Report</i> , 2008 , 13, 283-91	5.9	22
66	Metallic Nanoantioxidants as Potential Therapeutics for Type 2 Diabetes: A Hypothetical Background and Translational Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3407375	6.7	22
65	Molybdate partly mimics insulin-promoted metabolic effects in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 165, 76-82	3.2	21
64	Regulatory protein Yap1 is involved in response of yeast <i>Saccharomyces cerevisiae</i> to nitrosative stress. <i>Biochemistry (Moscow)</i> , 2010 , 75, 629-64	2.9	21
63	Diethyldithiocarbamate injection induces transient oxidative stress in goldfish tissues. <i>Chemico-Biological Interactions</i> , 2007 , 170, 1-8	5	21
62	The Use of Metformin to Increase the Human Healthspan. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1260, 319-332	3.6	20
61	Implications of amino acid sensing and dietary protein to the aging process. <i>Experimental Gerontology</i> , 2019 , 115, 69-78	4.5	19
60	Neuroinflammation in pathogenesis of Alzheimer's disease: Phytochemicals as potential therapeutics. <i>Mechanisms of Ageing and Development</i> , 2020 , 189, 111259	5.6	16
59	Seasonal variation in gut microbiota composition: cross-sectional evidence from Ukrainian population. <i>BMC Microbiology</i> , 2020 , 20, 100	4.5	15
58	<i>Ciona intestinalis</i> NADH dehydrogenase NDX confers stress-resistance and extended lifespan on <i>Drosophila</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 1861-1869	4.6	15
57	Exposure to sodium molybdate results in mild oxidative stress in <i>Drosophila melanogaster</i> . <i>Redox Report</i> , 2017 , 22, 137-146	5.9	14
56	Nanodelivery of phytobioactive compounds for treating aging-associated disorders. <i>GeroScience</i> , 2020 , 42, 117-139	8.9	14
55	Restriction of glucose and fructose causes mild oxidative stress independently of mitochondrial activity and reactive oxygen species in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015 , 187, 27-39	2.6	13
54	Activation of the Tor/Myc signaling axis in intestinal stem and progenitor cells affects longevity, stress resistance and metabolism in drosophila. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017 , 203, 92-99	2.3	13
53	Larval crowding results in hormesis-like effects on longevity in <i>Drosophila</i> : timing of eclosion as a model. <i>Biogerontology</i> , 2019 , 20, 191-201	4.5	13
52	Arterial Hypertension as a Risk Comorbidity Associated with COVID-19 Pathology. <i>International Journal of Hypertension</i> , 2020 , 2020, 8019360	2.4	12

51	OXIDIZED LIPIDS DID NOT REDUCE LIFESPAN IN THE FRUIT FLY, <i>Drosophila melanogaster</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2016 , 91, 52-63	2.3	11
50	Curcumin: A therapeutic potential in ageing-related disorders. <i>PharmaNutrition</i> , 2020 , 14, 100226	2.9	11
49	Memory enhancement by ferulic acid ester across species. <i>Science Advances</i> , 2018 , 4, eaat6994	14.3	11
48	Buffer modulation of menadione-induced oxidative stress in <i>Saccharomyces cerevisiae</i> . <i>Redox Report</i> , 2009 , 14, 214-20	5.9	10
47	Parental dietary protein-to-carbohydrate ratio affects offspring lifespan and metabolism in <i>Drosophila</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020 , 241, 110622	2.6	10
46	Within-diet variation in rates of macronutrient consumption and reproduction does not accompany changes in lifespan in <i>Drosophila melanogaster</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2018 , 166, 74-80 ¹	2.1	9
45	Sodium chromate demonstrates some insulin-mimetic properties in the fruit fly <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015 , 167, 74-80	3.2	8
44	Metformin to decrease COVID-19 severity and mortality: Molecular mechanisms and therapeutic potential. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112230	7.5	8
43	Insulin Signaling in Intestinal Stem and Progenitor Cells as an Important Determinant of Physiological and Metabolic Traits in. <i>Cells</i> , 2020 , 9,	7.9	8
42	<i>Drosophila</i> insulin-like peptides: from expression to functions a review. <i>Entomologia Experimentalis Et Applicata</i> , 2021 , 169, 195-208	2.1	8
41	Anatomically distinct representatives of Cactaceae Juss. family have different response to acute heat shock stress. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018 , 242, 137-145	1.9	7
40	Alternative NADH dehydrogenase extends lifespan and increases resistance to xenobiotics in <i>Drosophila</i> . <i>Biogerontology</i> , 2020 , 21, 155-171	4.5	7
39	Essential Physiological Differences Characterize Short- and Long-Lived Strains of <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1835-1843	6.4	6
38	The mitochondrial uncoupler 2,4-dinitrophenol attenuates sodium nitroprusside-induced toxicity in <i>Drosophila melanogaster</i> : potential involvement of free radicals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013 , 158, 244-52	3.2	6
37	Growth on ethanol results in co-ordinated <i>Saccharomyces cerevisiae</i> response to inactivation of genes encoding superoxide dismutases. <i>Redox Report</i> , 2007 , 12, 181-8	5.9	6
36	Sex differences in the phylum-level human gut microbiota composition. <i>BMC Microbiology</i> , 2021 , 21, 131	4.5	6
35	Prenatal Malnutrition-Induced Epigenetic Dysregulation as a Risk Factor for Type 2 Diabetes. <i>International Journal of Genomics</i> , 2019 , 2019, 3821409	2.5	5
34	The Classic Methods to Measure Oxidative Damage: Lipid Peroxides, Thiobarbituric-Acid Reactive Substances, and Protein Carbonyls 2011 , 420-431		5

33	Inactivation of genes encoding superoxide dismutase modifies yeast response to S-nitrosoglutathione-induced stress. <i>Biochemistry (Moscow)</i> , 2009 , 74, 445-51	2.9	5
32	Repurposing drugs to fight aging: The difficult path from bench to bedside. <i>Medicinal Research Reviews</i> , 2021 , 41, 1676-1700	14.4	5
31	Mating status affects Drosophila lifespan, metabolism and antioxidant system. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020 , 246, 110716	2.6	4
30	Longevity and stress resistance are affected by activation of TOR/Myc in progenitor cells of Drosophila gut. <i>Open Life Sciences</i> , 2017 , 12, 429-442	1.2	4
29	The Drosophila model to interrogate triacylglycerol biology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158924	5	4
28	Structure of O-Polysaccharide and Lipid A of 8488. <i>Biomolecules</i> , 2020 , 10,	5.9	3
27	TOR signaling inhibition in intestinal stem and progenitor cells affects physiology and metabolism in Drosophila. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020 , 243-244, 110424	2.3	3
26	Prenatal famine exposure and adult health outcomes: an epigenetic link. <i>Environmental Epigenetics</i> , 2021 , 7, dvab013	2.4	3
25	Structural, Optical, and Catalytic Properties of MgCr2O4 Spinel-Type Nanostructures Synthesized by Sol-Gel Auto-Combustion Method. <i>Catalysts</i> , 2021 , 11, 1476	4	3
24	CHAPTER 1:Anti-Aging Drugs: Where are We and Where are We Going?. <i>RSC Drug Discovery Series</i> ,1-10	0.6	3
23	Parental dietary sucrose affects metabolic and antioxidant enzyme activities in Drosophila. <i>Entomological Science</i> , 2021 , 24, 270-280	1.1	3
22	Aspirin as a Potential Geroprotector: Experimental Data and Clinical Evidence. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1286, 145-161	3.6	3
21	Intermittent Fasting 2018 , 279-279		3
20	Development of fly tolerance to consuming a high-protein diet requires physiological, metabolic and transcriptional changes. <i>Biogerontology</i> , 2020 , 21, 619-636	4.5	2
19	Anise Hyssop Increases Lifespan, Stress Resistance, and Metabolism by Affecting Free Radical Processes in. <i>Frontiers in Physiology</i> , 2020 , 11, 596729	4.6	2
18	Drosophila insulin-like peptides regulate concentration-dependent changes of appetite to different carbohydrates. <i>Zoology</i> , 2021 , 146, 125927	1.7	2
17	Factors that regulate expression patterns of insulin-like peptides and their association with physiological and metabolic traits in Drosophila. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 135, 103609	4.5	2
16	Interplay between reactive oxygen and nitrogen species in living organisms. <i>Chemico-Biological Interactions</i> , 2021 , 349, 109680	5	2

15	Insulin-Like Peptides Regulate Feeding Preference and Metabolism in Drosophila		1
14	Lipid-Based Nano-delivery of Phytobioactive Compounds in Anti-aging Medicine. <i>Healthy Ageing and Longevity</i> , 2020 , 221-245	0.5	1
13	Prevalence of Some Genetic Risk Factors for Nicotine Dependence in Ukraine. <i>Genetics Research International</i> , 2019 , 2019, 2483270	0	1
12	Geroscience 2018 ,		1
11	Herbicide Roundup shows toxic effects in nontarget organism Drosophila.. <i>Archives of Insect Biochemistry and Physiology</i> , 2022 , e21893	2.3	1
10	Natural sweetener : Functionalities, health benefits and potential risks. <i>EXCLI Journal</i> , 2021 , 20, 1412-1430		1
9	The effects of low-toxic herbicide Roundup and glyphosate on mitochondria.. <i>EXCLI Journal</i> , 2022 , 21, 183-196	2.4	1
8	Early-Life Adjustment of Epigenetic Aging Clock. <i>Healthy Ageing and Longevity</i> , 2019 , 269-282	0.5	0
7	Health and Pro-Longevity Interventions. <i>Healthy Ageing and Longevity</i> , 2020 , 473-495	0.5	0
6	Epigenetic Programming of Human Disease and Aging 2018 , 975-992		
5	2,4-dinitrophenol partially alleviates ferrocyanide-induced toxicity in Drosophila melanogaster. <i>Archives of Insect Biochemistry and Physiology</i> , 2013 , 84, 157-73	2.3	
4	DNA methylation changes induced by prenatal toxic metal exposure: An overview of epidemiological evidence. <i>Environmental Epigenetics</i> , 2021 , 7, dvab007	2.4	
3	mTOR Pharmacology 2018 , 447-447		
2	Environmental epigenetic epidemiology 2021 , 11-31		
1	Dietary Sucrose Determines Stress Resistance, Oxidative Damages, and Antioxidant Defense System in .. <i>Scientifica</i> , 2022 , 2022, 7262342	2.6	