

Alexander M Vaiserman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7466673/publications.pdf>

Version: 2024-02-01

122
papers

4,495
citations

134610

34
h-index

139680

61
g-index

133
all docs

133
docs citations

133
times ranked

6973
citing authors

#	ARTICLE	IF	CITATIONS
1	Perinatal famine is associated with excess risk of proliferative retinopathy in patients with type 2 diabetes. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	5
2	Repurposing drugs to fight aging: The difficult path from bench to bedside. <i>Medicinal Research Reviews</i> , 2021, 41, 1676-1700.	5.0	16
3	<i>Drosophila</i> insulin-like peptides: from expression to functions – a review. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 195-208.	0.7	39
4	Effects of Wolbachia infection on fitness-related traits in <i>Drosophila melanogaster</i> . <i>Symbiosis</i> , 2021, 83, 163-172.	1.2	18
5	Aspirin as a Potential Geroprotector: Experimental Data and Clinical Evidence. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 145-161.	0.8	7
6	Low-dose ionizing radiation as a hormetin: experimental observations and therapeutic perspective for age-related disorders. <i>Biogerontology</i> , 2021, 22, 145-164.	2.0	29
7	Cardio-metabolic benefits of quercetin in elderly patients with metabolic syndrome. <i>PharmaNutrition</i> , 2021, 15, 100250.	0.8	14
8	Sex differences in the phylum-level human gut microbiota composition. <i>BMC Microbiology</i> , 2021, 21, 131.	1.3	27
9	Phyto-nanotechnology in anti-aging medicine. <i>Aging</i> , 2021, 13, 10818-10820.	1.4	1
10	Epigenetic enzymes: A role in aging and prospects for pharmacological targeting. <i>Ageing Research Reviews</i> , 2021, 67, 101312.	5.0	16
11	Questionnaire-Based Express Diagnostics of the Human Aging Rate. <i>Advances in Gerontology</i> , 2021, 11, 283-289.	0.1	0
12	Factors that regulate expression patterns of insulin-like peptides and their association with physiological and metabolic traits in <i>Drosophila</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021, 135, 103609.	1.2	12
13	Environmental epigenetic epidemiology. , 2021, , 11-31.		0
14	Season-of-birth phenomenon in health and longevity: epidemiologic evidence and mechanistic considerations. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 849-858.	0.7	13
15	DNA methylation changes induced by prenatal toxic metal exposure: An overview of epidemiological evidence. <i>Environmental Epigenetics</i> , 2021, 7, dvab007.	0.9	0
16	Prenatal famine exposure and adult health outcomes: an epigenetic link. <i>Environmental Epigenetics</i> , 2021, 7, dvab013.	0.9	12
17	Nanodelivery of phytoactive compounds for treating aging-associated disorders. <i>GeroScience</i> , 2020, 42, 117-139.	2.1	22
18	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.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Curcumin: A therapeutic potential in ageing-related disorders. <i>PharmaNutrition</i> , 2020, 14, 100226.	0.8	18
20	Differences in the gut Firmicutes to Bacteroidetes ratio across age groups in healthy Ukrainian population. <i>BMC Microbiology</i> , 2020, 20, 221.	1.3	97
21	Lipid-Based Nano-delivery of Phytobioactive Compounds in Anti-ageing Medicine. <i>Healthy Ageing and Longevity</i> , 2020, , 221-245.	0.2	1
22	Telomere length in different metabolic categories: Clinical associations and modification potential. <i>Experimental Biology and Medicine</i> , 2020, 245, 1115-1121.	1.1	11
23	Stem cell therapy: old challenges and new solutions. <i>Molecular Biology Reports</i> , 2020, 47, 3117-3131.	1.0	18
24	Mating status affects <i>Drosophila</i> lifespan, metabolism and antioxidant system. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 246, 110716.	0.8	18
25	Seasonal variation in gut microbiota composition: cross-sectional evidence from Ukrainian population. <i>BMC Microbiology</i> , 2020, 20, 100.	1.3	42
26	Telomere Length as a Marker of Biological Age: State-of-the-Art, Open Issues, and Future Perspectives. <i>Frontiers in Genetics</i> , 2020, 11, 630186.	1.1	181
27	The Use of Metformin to Increase the Human Healthspan. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1260, 319-332.	0.8	39
28	Neuroinflammation in pathogenesis of Alzheimer's disease: Phytochemicals as potential therapeutics. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111259.	2.2	36
29	Anise Hyssop <i>Agastache foeniculum</i> Increases Lifespan, Stress Resistance, and Metabolism by Affecting Free Radical Processes in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2020, 11, 596729.	1.3	9
30	Health and Pro-Longevity Interventions. <i>Healthy Ageing and Longevity</i> , 2020, , 473-495.	0.2	1
31	Early-Life Adjustment of Epigenetic Aging Clock. <i>Healthy Ageing and Longevity</i> , 2019, , 269-282.	0.2	1
32	Anti-ageing gene therapy: Not so far away?. <i>Ageing Research Reviews</i> , 2019, 56, 100977.	5.0	19
33	Developmental origins of type 2 diabetes: Focus on epigenetics. <i>Ageing Research Reviews</i> , 2019, 55, 100957.	5.0	56
34	Developmental programming of adult haematopoiesis system. <i>Ageing Research Reviews</i> , 2019, 54, 100918.	5.0	17
35	Health Benefits of Anti-ageing Drugs. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 339-392.	1.0	39
36	Thyroid cancer overdiagnosis: Implications for understanding radiation carcinogenesis and for medical imaging. <i>Chemico-Biological Interactions</i> , 2019, 305, 1-2.	1.7	3

#	ARTICLE	IF	CITATIONS
37	Additional Impact of Glucose Tolerance on Telomere Length in Persons With and Without Metabolic Syndrome in the Elderly Ukraine Population. <i>Frontiers in Endocrinology</i> , 2019, 10, 128.	1.5	11
38	Prenatal Malnutrition-Induced Epigenetic Dysregulation as a Risk Factor for Type 2 Diabetes. <i>International Journal of Genomics</i> , 2019, 2019, 1-11.	0.8	17
39	Prevalence of Some Genetic Risk Factors for Nicotine Dependence in Ukraine. <i>Genetics Research International</i> , 2019, 2019, 1-8.	2.0	1
40	Hormesis Through Low-Dose Radiation. , 2019, , 129-138.		4
41	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.	2.0	20
42	Implications of amino acid sensing and dietary protein to the aging process. <i>Experimental Gerontology</i> , 2019, 115, 69-78.	1.2	28
43	Metformin as a geroprotector: experimental and clinical evidence. <i>Biogerontology</i> , 2019, 20, 33-48.	2.0	88
44	Nanodelivery of Natural Antioxidants: An Anti-aging Perspective. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 447.	2.0	113
45	Birth weight predicts aging trajectory: A hypothesis. <i>Mechanisms of Ageing and Development</i> , 2018, 173, 61-70.	2.2	25
46	Epigenetics of Longevity in Social Insects. , 2018, , 271-289.		2
47	Geroscience. , 2018, , .		2
48	mTOR Pharmacology. , 2018, , 447-447.		0
49	Developmental Tuning of Epigenetic Clock. <i>Frontiers in Genetics</i> , 2018, 9, 584.	1.1	35
50	Health Impacts of Low-Dose Ionizing Radiation: Current Scientific Debates and Regulatory Issues. <i>Dose-Response</i> , 2018, 16, 155932581879633.	0.7	147
51	Insulin-Like Peptides Regulate Feeding Preference and Metabolism in <i>Drosophila</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1083.	1.3	72
52	Dynamics of Telomere Length and Telomerase Activity in the Human Fetal Liver at 5â€“12 Weeks of Gestation. <i>Stem Cells International</i> , 2018, 2018, 1-7.	1.2	2
53	Metallic Nanoantioxidants as Potential Therapeutics for Type 2 Diabetes: A Hypothetical Background and Translational Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	40
54	Hyperglycemia attenuates the association between telomere length and age in Ukrainian population. <i>Experimental Gerontology</i> , 2018, 110, 247-252.	1.2	13

#	ARTICLE	IF	CITATIONS
55	Epigenetic Programming of Human Disease and Aging. , 2018, , 975-992.		0
56	Developmental programming of aging trajectory. Ageing Research Reviews, 2018, 47, 105-122.	5.0	43
57	Gut microbiota: A player in aging and a target for anti-aging intervention. Ageing Research Reviews, 2017, 35, 36-45.	5.0	346
58	Leukocyte telomere length is inversely associated with post-load but not with fasting plasma glucose levels. Experimental Biology and Medicine, 2017, 242, 700-708.	1.1	17
59	Epigenetic Regulation of Longevity in Insects. Advances in Insect Physiology, 2017, , 87-114.	1.1	10
60	The role of the TOR pathway in mediating the link between nutrition and longevity. Mechanisms of Ageing and Development, 2017, 164, 127-138.	2.2	64
61	Malnutrition in early life and risk of type 2 diabetes: Theoretical framework and epidemiological evidence. Moscow University Biological Sciences Bulletin, 2017, 72, 37-46.	0.1	6
62	Association between body mass index and Firmicutes/Bacteroidetes ratio in an adult Ukrainian population. BMC Microbiology, 2017, 17, 120.	1.3	720
63	HDAC inhibitors: A new promising drug class in anti-aging research. Mechanisms of Ageing and Development, 2017, 166, 6-15.	2.2	79
64	Early-Life Nutritional Programming of Type 2 Diabetes: Experimental and Quasi-Experimental Evidence. Nutrients, 2017, 9, 236.	1.7	52
65	Implementation of longevity-promoting supplements and medications in public health practice: achievements, challenges and future perspectives. Journal of Translational Medicine, 2017, 15, 160.	1.8	55
66	Non-genomic transmission of longevity between generations: potential mechanisms and evidence across species. Epigenetics and Chromatin, 2017, 10, 38.	1.8	48
67	Early-life adversity and long-term neurobehavioral outcomes: epigenome as a bridge?. Human Genomics, 2017, 11, 34.	1.4	67
68	Longevity and stress resistance are affected by activation of TOR/Myc in progenitor cells of Drosophila gut. Open Life Sciences, 2017, 12, 429-442.	0.6	4
69	Diabetes in Eastern Europe. , 2017, , 191-223.		1
70	Longevity-modulating effects of symbiosis: insights from Drosophila-Wolbachia interaction. Biogerontology, 2016, 17, 785-803.	2.0	22
71	Longevity-Promoting Pharmaceuticals: Is it a Time for Implementation?. Trends in Pharmacological Sciences, 2016, 37, 331-333.	4.0	27
72	Anti-aging pharmacology: Promises and pitfalls. Ageing Research Reviews, 2016, 31, 9-35.	5.0	118

#	ARTICLE	IF	CITATIONS
73	Transgenerational inheritance of longevity: Theoretical framework and empirical evidence. Moscow University Biological Sciences Bulletin, 2016, 71, 199-206.	0.1	0
74	Studies of Telomere Length in Patients with Parkinson's Disease. Neuroscience and Behavioral Physiology, 2016, 46, 344-347.	0.2	10
75	Epidemiologic evidence for association between adverse environmental exposures in early life and epigenetic variation: a potential link to disease susceptibility?. Clinical Epigenetics, 2015, 7, 96.	1.8	72
76	Fucoxanthin and lipid metabolism: A minireview. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 891-897.	1.1	64
77	Epigenetic and endocrine determinants of lifespan differences between the castes of social insects. Moscow University Biological Sciences Bulletin, 2015, 70, 158-164.	0.1	1
78	Early-Life Exposure to Substance Abuse and Risk of Type 2 Diabetes in Adulthood. Current Diabetes Reports, 2015, 15, 48.	1.7	29
79	Life Extension in Drosophila by Histone Deacetylase Inhibitors. Healthy Ageing and Longevity, 2015, , 245-264.	0.2	1
80	Telomeric aging: mitotic clock or stress indicator?. Frontiers in Genetics, 2015, 6, 82.	1.1	56
81	Association between type 2 diabetes and prenatal exposure to the Ukraine famine of 1932-33: a retrospective cohort study. Lancet Diabetes and Endocrinology, 2015, 3, 787-794.	5.5	176
82	Epigenetic programming by early-life stress: Evidence from human populations. Developmental Dynamics, 2015, 244, 254-265.	0.8	124
83	Developmental Epigenetic Programming of Caste-specific Differences in Social Insects: An Impact on Longevity. Current Aging Science, 2015, 7, 176-186.	0.4	16
84	Early-life Exposure to Endocrine Disrupting Chemicals and Later-life Health Outcomes: An Epigenetic Bridge?. , 2014, 5, 419-29.		41
85	Early-life nutritional programming of longevity. Journal of Developmental Origins of Health and Disease, 2014, 5, 325-338.	0.7	48
86	Aging-modulating treatments: from reductionism to a system-oriented perspective. Frontiers in Genetics, 2014, 5, 446.	1.1	10
87	Commentary: Ethical Issues of Current Health-Protection Policies on Low-Dose Ionizing Radiation. Dose-Response, 2014, 12, dose-response.1.	0.7	22
88	Effect of dietary restriction during development on the level of expression of longevity-associated genes in Drosophila melanogaster. Advances in Gerontology, 2014, 4, 193-196.	0.1	5
89	Nutritional programming: Theoretical concepts and experimental evidence. Advances in Gerontology, 2014, 4, 3-11.	0.1	2
90	Comment on "NIRAS aircraft radiation model development, dose climatology, and initial validation" by Mertens et al.. Space Weather, 2014, 12, 120-121.	1.3	2

#	ARTICLE	IF	CITATIONS
91	Effect of histone deacetylase inhibitor sodium butyrate on viability and life span in <i>Drosophila melanogaster</i> . <i>Advances in Gerontology</i> , 2013, 3, 30-34.	0.1	13
92	Long-term health consequences of early-life exposure to substance abuse: an epigenetic perspective. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 269-279.	0.7	20
93	Geroprotective potential of sodium butyrate in <i>Drosophila melanogaster</i> : Long-term effects. <i>Advances in Gerontology</i> , 2013, 3, 297-301.	0.1	2
94	Reciprocal cross differences in <i>Drosophila melanogaster</i> longevity: an evidence for non-genomic effects in heterosis phenomenon?. <i>Biogerontology</i> , 2013, 14, 153-163.	2.0	12
95	Epigenetic drugs: a novel anti-aging strategy?. <i>Frontiers in Genetics</i> , 2012, 3, 224.	1.1	45
96	Early-Life Epigenetic Programming of Human Disease and Aging. , 2012, , 545-567.		8
97	Does Early-Life Starvation Influence Age-Specific Mortality? Evidence from the Ukraine Famine of 1933. <i>Journal of Gerontology & Geriatric Research</i> , 2012, 01, .	0.1	4
98	Gender differences in prevalence of diagnosed type 2 diabetes and patient's body mass index in five Ukraine regions with diverse historical backgrounds. <i>Bio</i> , 2012, 2, 1-10.	0.6	3
99	Hormesis and epigenetics: Is there a link?. <i>Ageing Research Reviews</i> , 2011, 10, 413-21.	5.0	68
100	Cancer incidence and mortality after low-dosage radiation exposure: Epidemiological aspects. <i>Biophysics (Russian Federation)</i> , 2011, 56, 371-380.	0.2	2
101	Early-life origin of adult disease: Evidence from natural experiments. <i>Experimental Gerontology</i> , 2011, 46, 189-192.	1.2	43
102	Predisposition to type II diabetes among those residents of Ukraine whose prenatal development coincided with the famine of 1932-1933. <i>Advances in Gerontology</i> , 2011, 1, 362-366.	0.1	0
103	Epigenetic epidemiology of age-related diseases. <i>Russian Journal of Developmental Biology</i> , 2011, 42, 25-42.	0.1	3
104	Biogerontology in Ukraine: update. <i>Biogerontology</i> , 2011, 12, 37-45.	2.0	0
105	Life span extension in <i>Drosophila melanogaster</i> induced by morphine. <i>Biogerontology</i> , 2011, 12, 179-184.	2.0	10
106	Radiation Hormesis: Historical Perspective and Implications for Low-Dose Cancer Risk Assessment. <i>Dose-Response</i> , 2010, 8, dose-response.0.	0.7	89
107	Hormesis, Adaptive Epigenetic Reorganization, and Implications for Human Health and Longevity. <i>Dose-Response</i> , 2010, 8, dose-response.0.	0.7	43
108	Seasonality of birth in adult type 2 diabetic patients in three Ukrainian regions. <i>Diabetologia</i> , 2009, 52, 2665-2667.	2.9	36

#	ARTICLE	IF	CITATIONS
109	Life extension in <i>Drosophila</i> maintained under lengthened light/dark regime. <i>Biogerontology</i> , 2008, 9, 345-350.	2.0	5
110	Similar seasonality of birth in type 1 and type 2 diabetes patients: A sign for common etiology?. <i>Medical Hypotheses</i> , 2008, 71, 604-605.	0.8	13
111	Epigenetic Engineering and Its Possible Role in Anti-Aging Intervention. <i>Rejuvenation Research</i> , 2008, 11, 39-42.	0.9	39
112	Role of seasonal factors in pre-and postnatal ontogenesis in etiology of type 1 diabetes mellitus. <i>Russian Journal of Developmental Biology</i> , 2006, 37, 230-236.	0.1	3
113	Seasonality of birth in children and young adults (0â€“29Âyears) with type 1 diabetes in Ukraine. <i>Diabetologia</i> , 2006, 50, 32-35.	2.9	52
114	Effect of X-irradiation at larval stage on adult lifespan in <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2004, 5, 49-54.	2.0	11
115	Influence of Environmental Factors in Early Ontogenesis on Aging and Life Span. <i>Russian Journal of Developmental Biology</i> , 2004, 35, 261-269.	0.1	1
116	Cross-life stage and cross-generational effects of ? irradiations at the egg stage on <i>Drosophila melanogaster</i> life histories. <i>Biogerontology</i> , 2004, 5, 327-338.	2.0	24
117	Variation of mortality rate during the individual annual cycle. <i>Biogerontology</i> , 2003, 4, 221-225.	2.0	2
118	Effects of X-irradiation in early ontogenesis on the longevity and amount of the S1 nuclease-sensitive DNA sites in adult <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2003, 4, 9-14.	2.0	39
119	Early Programming of Adult Longevity: Demographic and Experimental Studies. <i>Rejuvenation Research</i> , 2003, 6, 11-20.	0.2	15
120	Seasonal programming of adult longevity in Ukraine. <i>International Journal of Biometeorology</i> , 2002, 47, 49-52.	1.3	29
121	CHAPTER 1. Anti-Aging Drugs: Where are We and Where are We Going?. <i>RSC Drug Discovery Series</i> , 0, , 1-10.	0.2	4
122	CHAPTER 21. HDAC Inhibitors: A New Avenue in Anti-Aging Medicine. <i>RSC Drug Discovery Series</i> , 0, , 514-534.	0.2	0