

Alex Zhavoronkov

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

9,905
citations

36203

51
h-index

43802

91
g-index

160
all docs

160
docs citations

160
times ranked

10809
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning enables rapid identification of potent DDR1 kinase inhibitors. <i>Nature Biotechnology</i> , 2019, 37, 1038-1040.	9.4	671
2	Applications of Deep Learning in Biomedicine. <i>Molecular Pharmaceutics</i> , 2016, 13, 1445-1454.	2.3	535
3	Deep Learning Applications for Predicting Pharmacological Properties of Drugs and Drug Repurposing Using Transcriptomic Data. <i>Molecular Pharmaceutics</i> , 2016, 13, 2524-2530.	2.3	405
4	druGAN: An Advanced Generative Adversarial Autoencoder Model for de Novo Generation of New Molecules with Desired Molecular Properties in Silico. <i>Molecular Pharmaceutics</i> , 2017, 14, 3098-3104.	2.3	384
5	Converging blockchain and next-generation artificial intelligence technologies to decentralize and accelerate biomedical research and healthcare. <i>Oncotarget</i> , 2018, 9, 5665-5690.	0.8	315
6	The role of DNA damage and repair in aging through the prism of Koch-like criteria. <i>Ageing Research Reviews</i> , 2013, 12, 661-684.	5.0	290
7	Deep biomarkers of human aging: Application of deep neural networks to biomarker development. <i>Aging</i> , 2016, 8, 1021-1033.	1.4	266
8	Molecular Sets (MOSES): A Benchmarking Platform for Molecular Generation Models. <i>Frontiers in Pharmacology</i> , 2020, 11, 565644.	1.6	266
9	Reinforced Adversarial Neural Computer for <i>de Novo</i> Molecular Design. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1194-1204.	2.5	256
10	The cornucopia of meaningful leads: Applying deep adversarial autoencoders for new molecule development in oncology. <i>Oncotarget</i> , 2017, 8, 10883-10890.	0.8	249
11	Bifunctional immune checkpoint-targeted antibody-ligand traps that simultaneously disable TGF β 2 enhance the efficacy of cancer immunotherapy. <i>Nature Communications</i> , 2018, 9, 741.	5.8	238
12	Entangled Conditional Adversarial Autoencoder for de Novo Drug Discovery. <i>Molecular Pharmaceutics</i> , 2018, 15, 4398-4405.	2.3	166
13	Genetics and epigenetics of aging and longevity. <i>Cell Cycle</i> , 2014, 13, 1063-1077.	1.3	157
14	Adversarial Threshold Neural Computer for Molecular <i>de Novo</i> Design. <i>Molecular Pharmaceutics</i> , 2018, 15, 4386-4397.	2.3	153
15	Machine Learning on Human Muscle Transcriptomic Data for Biomarker Discovery and Tissue-Specific Drug Target Identification. <i>Frontiers in Genetics</i> , 2018, 9, 242.	1.1	149
16	Design of efficient computational workflows for in silico drug repurposing. <i>Drug Discovery Today</i> , 2017, 22, 210-222.	3.2	139
17	Population Specific Biomarkers of Human Aging: A Big Data Study Using South Korean, Canadian, and Eastern European Patient Populations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1482-1490.	1.7	133
18	Artificial intelligence for aging and longevity research: Recent advances and perspectives. <i>Ageing Research Reviews</i> , 2019, 49, 49-66.	5.0	129

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19	Gadd45 proteins: Relevance to aging, longevity and age-related pathologies. <i>Ageing Research Reviews</i> , 2012, 11, 51-66.	5.0	126
20	In silico Pathway Activation Network Decomposition Analysis (iPANDA) as a method for biomarker development. <i>Nature Communications</i> , 2016, 7, 13427.	5.8	126
21	Oncofinder, a new method for the analysis of intracellular signaling pathway activation using transcriptomic data. <i>Frontiers in Genetics</i> , 2014, 5, 55.	1.1	122
22	The DrugAge database of aging-related drugs. <i>Aging Cell</i> , 2017, 16, 594-597.	3.0	121
23	Human Gut Microbiome Aging Clock Based on Taxonomic Profiling and Deep Learning. <i>IScience</i> , 2020, 23, 101199.	1.9	117
24	Brain-Computer Interface Based on Generation of Visual Images. <i>PLoS ONE</i> , 2011, 6, e20674.	1.1	108
25	Artificial Intelligence for Drug Discovery, Biomarker Development, and Generation of Novel Chemistry. <i>Molecular Pharmaceutics</i> , 2018, 15, 4311-4313.	2.3	102
26	Biohorology and biomarkers of aging: Current state-of-the-art, challenges and opportunities. <i>Ageing Research Reviews</i> , 2020, 60, 101050.	5.0	101
27	Developing criteria for evaluation of geroprotectors as a key stage toward translation to the clinic. <i>Aging Cell</i> , 2016, 15, 407-415.	3.0	97
28	Data aggregation at the level of molecular pathways improves stability of experimental transcriptomic and proteomic data. <i>Cell Cycle</i> , 2017, 16, 1810-1823.	1.3	96
29	A role for G β CSF and GM β CSF in nonmyeloid cancers. <i>Cancer Medicine</i> , 2014, 3, 737-746.	1.3	93
30	Molecular functions of human endogenous retroviruses in health and disease. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3653-3675.	2.4	93
31	Geroprotectors.org: a new, structured and curated database of current therapeutic interventions in aging and age-related disease. <i>Aging</i> , 2015, 7, 616-628.	1.4	93
32	Signaling pathways activation profiles make better markers of cancer than expression of individual genes. <i>Oncotarget</i> , 2014, 5, 10198-10205.	0.8	91
33	Human-specific endogenous retroviral insert serves as an enhancer for the schizophrenia-linked gene <i>PRODH</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19472-19477.	3.3	88
34	Molecular aspects of development and regulation of endometriosis. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 50.	1.4	85
35	The OncoFinder algorithm for minimizing the errors introduced by the high-throughput methods of transcriptome analysis. <i>Frontiers in Molecular Biosciences</i> , 2014, 1, 8.	1.6	77
36	Will Artificial Intelligence for Drug Discovery Impact Clinical Pharmacology?. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 780-785.	2.3	77

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37	Geroprotective and senoremediative strategies to reduce the comorbidity, infection rates, severity, and lethality in gerophilic and gerolavic infections. <i>Aging</i> , 2020, 12, 6492-6510.	1.4	75
38	Towards natural mimetics of metformin and rapamycin. <i>Aging</i> , 2017, 9, 2245-2268.	1.4	74
39	3D Molecular Representations Based on the Wave Transform for Convolutional Neural Networks. <i>Molecular Pharmaceutics</i> , 2018, 15, 4378-4385.	2.3	74
40	DeepMAge: A Methylation Aging Clock Developed with Deep Learning. , 2021, 12, 1252.		72
41	PhotoAgeClock: deep learning algorithms for development of non-invasive visual biomarkers of aging. <i>Aging</i> , 2018, 10, 3249-3259.	1.4	69
42	SMAD4 Loss Is Associated with Cetuximab Resistance and Induction of MAPK/JNK Activation in Head and Neck Cancer Cells. <i>Clinical Cancer Research</i> , 2017, 23, 5162-5175.	3.2	64
43	The Advent of Generative Chemistry. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1496-1505.	1.3	64
44	Blood Biochemistry Analysis to Detect Smoking Status and Quantify Accelerated Aging in Smokers. <i>Scientific Reports</i> , 2019, 9, 142.	1.6	63
45	Lifespan and Stress Resistance in <i>Drosophila</i> with Overexpressed DNA Repair Genes. <i>Scientific Reports</i> , 2015, 5, 15299.	1.6	62
46	Vive la radiorésistance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization. <i>Oncotarget</i> , 2018, 9, 14692-14722.	0.8	62
47	Signaling pathway activation drift during aging: Hutchinson-Gilford Progeria Syndrome fibroblasts are comparable to normal middle-age and old-age cells. <i>Aging</i> , 2015, 7, 26-37.	1.4	62
48	Fucoxanthin increases lifespan of <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Pharmacological Research</i> , 2015, 100, 228-241.	3.1	60
49	Pathway activation strength is a novel independent prognostic biomarker for cetuximab sensitivity in colorectal cancer patients. <i>Human Genome Variation</i> , 2015, 2, 15009.	0.4	58
50	MiRImpact, a new bioinformatic method using complete microRNA expression profiles to assess their overall influence on the activity of intracellular molecular pathways. <i>Cell Cycle</i> , 2016, 15, 689-698.	1.3	58
51	Immune profiles in primary squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2019, 96, 77-88.	0.8	57
52	Artificial intelligence, drug repurposing and peer review. <i>Nature Biotechnology</i> , 2020, 38, 1127-1131.	9.4	56
53	In search for geroprotectors: in silico screening and in vitro validation of signalome-level mimetics of young healthy state. <i>Aging</i> , 2016, 8, 2127-2152.	1.4	56
54	A method of gene expression data transfer from cell lines to cancer patients for machine-learning prediction of drug efficiency. <i>Cell Cycle</i> , 2018, 17, 486-491.	1.3	55

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55	Classifying aging as a disease in the context of ICD-11. <i>Frontiers in Genetics</i> , 2015, 6, 326.	1.1	53
56	A method for predicting target drug efficiency in cancer based on the analysis of signaling pathway activation. <i>Oncotarget</i> , 2015, 6, 29347-29356.	0.8	52
57	Differential expression of alternatively spliced transcripts related to energy metabolism in colorectal cancer. <i>BMC Genomics</i> , 2016, 17, 1011.	1.2	50
58	Deep Aging Clocks: The Emergence of AI-Based Biomarkers of Aging and Longevity. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 546-549.	4.0	50
59	Low doses of X-rays induce prolonged and ATM-independent persistence of γ H2AX foci in human gingival mesenchymal stem cells. <i>Oncotarget</i> , 2015, 6, 27275-27287.	0.8	48
60	Signaling pathway cloud regulation for in silico screening and ranking of the potential geroprotective drugs. <i>Frontiers in Genetics</i> , 2014, 5, 49.	1.1	47
61	Influence of non-steroidal anti-inflammatory drugs on <i>Drosophila melanogaster</i> longevity. <i>Oncotarget</i> , 2015, 6, 19428-19444.	0.8	46
62	Pro-fibrotic pathway activation in trabecular meshwork and lamina cribrosa is the main driving force of glaucoma. <i>Cell Cycle</i> , 2016, 15, 1643-1652.	1.3	43
63	Common pathway signature in lung and liver fibrosis. <i>Cell Cycle</i> , 2016, 15, 1667-1673.	1.3	43
64	Pathway activation profiling reveals new insights into Age-related Macular Degeneration and provides avenues for therapeutic interventions. <i>Aging</i> , 2014, 6, 1064-1075.	1.4	43
65	Novel robust biomarkers for human bladder cancer based on activation of intracellular signaling pathways. <i>Oncotarget</i> , 2014, 5, 9022-9032.	0.8	43
66	The role of D-GADD45 in oxidative, thermal and genotoxic stress resistance. <i>Cell Cycle</i> , 2012, 11, 4222-4241.	1.3	36
67	Methods for Structuring Scientific Knowledge from Many Areas Related to Aging Research. <i>PLoS ONE</i> , 2011, 6, e22597.	1.1	34
68	The potential of rapalogs to enhance resilience against SARS-CoV-2 infection and reduce the severity of COVID-19. <i>The Lancet Healthy Longevity</i> , 2021, 2, e105-e111.	2.0	34
69	New bioinformatic tool for quick identification of functionally relevant endogenous retroviral inserts in human genome. <i>Cell Cycle</i> , 2015, 14, 1476-1484.	1.3	33
70	Effect of lentivirus-mediated shRNA inactivation of HK1, HK2, and HK3 genes in colorectal cancer and melanoma cells. <i>BMC Genetics</i> , 2016, 17, 156.	2.7	33
71	Deep biomarkers of aging and longevity: from research to applications. <i>Aging</i> , 2019, 11, 10771-10780.	1.4	33
72	Hallmarks of aging-based dual-purpose disease and age-associated targets predicted using PandaOmics AI-powered discovery engine. <i>Aging</i> , 2022, 14, 2475-2506.	1.4	33

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73	Characteristic patterns of microRNA expression in human bladder cancer. <i>Frontiers in Genetics</i> , 2012, 3, 310.	1.1	32
74	Large-scale profiling of signalling pathways reveals an asthma specific signature in bronchial smooth muscle cells. <i>Oncotarget</i> , 2016, 7, 25150-25161.	0.8	32
75	Molecular pathway activation features linked with transition from normal skin to primary and metastatic melanomas in human. <i>Oncotarget</i> , 2016, 7, 656-670.	0.8	32
76	Use of deep neural network ensembles to identify embryonic-fetal transition markers: repression of <i>COX7A1</i> in embryonic and cancer cells. <i>Oncotarget</i> , 2018, 9, 7796-7811.	0.8	32
77	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	1.4	32
78	Identification of Therapeutic Targets for Amyotrophic Lateral Sclerosis Using PandaOmics – An AI-Enabled Biological Target Discovery Platform. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	32
79	Transcriptome Analysis of Long-lived <i>Drosophila melanogaster</i> E(z) Mutants Sheds Light on the Molecular Mechanisms of Longevity. <i>Scientific Reports</i> , 2019, 9, 9151.	1.6	31
80	γ H2AX, 53BP1 and Rad51 protein foci changes in mesenchymal stem cells during prolonged X-ray irradiation. <i>Oncotarget</i> , 2017, 8, 64317-64329.	0.8	31
81	Effects of N-acetyl-L-cysteine on lifespan, locomotor activity and stress-resistance of 3 <i>Drosophila</i> species with different lifespans. <i>Aging</i> , 2018, 10, 2428-2458.	1.4	29
82	Interactome analysis of myeloid-derived suppressor cells in murine models of colon and breast cancer. <i>Oncotarget</i> , 2014, 5, 11345-11353.	0.8	29
83	Identification of Novel Antibacterials Using Machine Learning Techniques. <i>Frontiers in Pharmacology</i> , 2019, 10, 913.	1.6	28
84	Artificial intelligence in longevity medicine. <i>Nature Aging</i> , 2021, 1, 5-7.	5.3	28
85	Potential therapeutic approaches for modulating expression and accumulation of defective lamin A in laminopathies and age-related diseases. <i>Journal of Molecular Medicine</i> , 2012, 90, 1361-1389.	1.7	27
86	In silico analysis of pathways activation landscape in oral squamous cell carcinoma and oral leukoplakia. <i>Cell Death Discovery</i> , 2017, 3, 17022.	2.0	27
87	Activation of homologous recombination DNA repair in human skin fibroblasts continuously exposed to X-ray radiation. <i>Oncotarget</i> , 2015, 6, 26876-26885.	0.8	26
88	Aging and drug discovery. <i>Aging</i> , 2018, 10, 3079-3088.	1.4	25
89	Mineralization of the Connective Tissue: A Complex Molecular Process Leading to Age-Related Loss of Function. <i>Rejuvenation Research</i> , 2014, 17, 116-133.	0.9	24
90	Combinatorial high-throughput experimental and bioinformatic approach identifies molecular pathways linked with the sensitivity to anticancer target drugs. <i>Oncotarget</i> , 2015, 6, 27227-27238.	0.8	24

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91	Residual $\hat{\text{H}}^2\text{AX}$ foci induced by low dose x-ray radiation in bone marrow mesenchymal stem cells do not cause accelerated senescence in the progeny of irradiated cells. <i>Aging</i> , 2017, 9, 2397-2410.	1.4	24
92	The Evaluation of Geroprotective Effects of Selected Flavonoids in <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 884.	1.6	23
93	Overexpression of CBS and CSE genes affects lifespan, stress resistance and locomotor activity in <i>Drosophila melanogaster</i> . <i>Aging</i> , 2018, 10, 3260-3272.	1.4	20
94	The effects of pectins on life span and stress resistance in <i>Drosophila melanogaster</i> . <i>Biogerontology</i> , 2014, 15, 113-127.	2.0	19
95	GULP1 regulates the NRF2-KEAP1 signaling axis in urothelial carcinoma. <i>Science Signaling</i> , 2020, 13, .	1.6	19
96	Accumulation of spontaneous $\hat{\text{H}}^2\text{AX}$ foci in long-term cultured mesenchymal stromal cells. <i>Aging</i> , 2016, 8, 3498-3506.	1.4	19
97	Non-invasive prenatal diagnostics of aneuploidy using next-generation DNA sequencing technologies, and clinical considerations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1141-1154.	1.4	18
98	Biomedical Progress Rates as New Parameters for Models of Economic Growth in Developed Countries. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5936-5952.	1.2	18
99	A systematic experimental evaluation of microRNA markers of human bladder cancer. <i>Frontiers in Genetics</i> , 2013, 4, 247.	1.1	18
100	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017, 9, 7-25.	1.4	18
101	Psychological aging, depression, and well-being. <i>Aging</i> , 2020, 12, 18765-18777.	1.4	18
102	PsychoAge and SubjAge: development of deep markers of psychological and subjective age using artificial intelligence. <i>Aging</i> , 2020, 12, 23548-23577.	1.4	17
103	Integrated transcriptomic and epigenomic analysis of ovarian cancer reveals epigenetically silenced GULP1. <i>Cancer Letters</i> , 2018, 433, 242-251.	3.2	16
104	Doublecortin-Like Kinase 1 (DCLK1) Is a Novel NOTCH Pathway Signaling Regulator in Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 677051.	1.3	16
105	Molecular pathway activation features of pediatric acute myeloid leukemia (AML) and acute lymphoblast leukemia (ALL) cells. <i>Aging</i> , 2016, 8, 2936-2947.	1.4	15
106	An analysis of gene expression data involving examination of signaling pathways activation reveals new insights into the mechanism of action of minoxidil topical foam in men with androgenetic alopecia. <i>Cell Cycle</i> , 2017, 16, 1578-1584.	1.3	15
107	Targeting focal adhesion kinase overcomes erlotinib resistance in smoke induced lung cancer by altering phosphorylation of epidermal growth factor receptor. <i>Oncoscience</i> , 2018, 5, 21-38.	0.9	14
108	Latest advances in aging research and drug discovery. <i>Aging</i> , 2019, 11, 9971-9981.	1.4	13

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109	Replicative and radiation-induced aging: a comparison of gene expression profiles. <i>Aging</i> , 2019, 11, 2378-2387.	1.4	13
110	Radioprotectors.org: an open database of known and predicted radioprotectors. <i>Aging</i> , 2020, 12, 15741-15755.	1.4	13
111	From Personalized Medicine to Personalized Science: Uniting Science and Medicine for Patient-Driven, Goal-Oriented Research. <i>Rejuvenation Research</i> , 2013, 16, 414-418.	0.9	12
112	DNA Comet Giemsa Staining for Conventional Bright-Field Microscopy. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6086-6095.	1.8	12
113	Early stage of cytomegalovirus infection suppresses host microRNA expression regulation in human fibroblasts. <i>Cell Cycle</i> , 2016, 15, 3378-3389.	1.3	12
114	PIM1 kinase promotes gallbladder cancer cell proliferation via inhibition of proline-rich Akt substrate of 40 kDa (PRAS40). <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 163-177.	1.8	12
115	Editorial: Should We Treat Aging as a Disease? Academic, Pharmaceutical, Healthcare Policy, and Pension Fund Perspectives. <i>Frontiers in Genetics</i> , 2016, 7, 17.	1.1	11
116	Reply to "Assessing the impact of generative AI on medicinal chemistry". <i>Nature Biotechnology</i> , 2020, 38, 146-146.	9.4	11
117	Fetal mitochondrial DNA in maternal plasma in surrogate pregnancies: Detection and topology. <i>Prenatal Diagnosis</i> , 2021, 41, 368-375.	1.1	11
118	Effector T cell responses unleashed by regulatory T cell ablation exacerbate oral squamous cell carcinoma. <i>Cell Reports Medicine</i> , 2021, 2, 100399.	3.3	11
119	Quantifying signaling pathway activation to monitor the quality of induced pluripotent stem cells. <i>Oncotarget</i> , 2015, 6, 23204-23212.	0.8	11
120	Chirality as a problem of biochemical physics. <i>Russian Journal of General Chemistry</i> , 2007, 77, 1994-2005.	0.3	10
121	Models of Innate Neural Attractors and Their Applications for Neural Information Processing. <i>Frontiers in Systems Neuroscience</i> , 2016, 9, 178.	1.2	10
122	A comparative review of computational methods for pathway perturbation analysis: dynamical and topological perspectives. <i>Molecular BioSystems</i> , 2017, 13, 1692-1704.	2.9	10
123	Increased Pace of Aging in COVID-Related Mortality. <i>Life</i> , 2021, 11, 730.	1.1	10
124	Longevity Foundation: Perspective on Decentralized Autonomous Organization for Special-Purpose Financing. <i>IEEE Access</i> , 2022, 10, 33048-33058.	2.6	10
125	Aging Chart: a community resource for rapid exploratory pathway analysis of age-related processes. <i>Nucleic Acids Research</i> , 2016, 44, D894-D899.	6.5	9
126	On Multilabel Classification Methods of Incompletely Labeled Biomedical Text Data. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-11.	0.7	8

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127	Screening and personalizing nootropic drugs and cognitive modulator regimens in silico. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 4.	1.2	8
128	The Neuronal Overexpression of Gclc in <i>Drosophila melanogaster</i> Induces Life Extension With Longevity-Associated Transcriptomic Changes in the Thorax. <i>Frontiers in Genetics</i> , 2019, 10, 149.	1.1	8
129	The inherent challenges of classifying senescence. <i>Science</i> , 2020, 368, 595-595.	6.0	8
130	Cancer megafunds with in silico and in vitro validation: accelerating cancer drug discovery via financial engineering without financial crisis. <i>Oncotarget</i> , 2016, 7, 57671-57678.	0.8	8
131	Evaluating the impact of recent advances in biomedical sciences and the possible mortality decreases on the future of health care and Social Security in the United States. <i>Pensions</i> , 2012, 17, 241-251.	0.0	7
132	Longevity expectations in the pension fund, insurance, and employee benefits industries. <i>Psychology Research and Behavior Management</i> , 2015, 8, 27.	1.3	7
133	Medicinal Chemists versus Machines Challenge: What Will It Take to Adopt and Advance Artificial Intelligence for Drug Discovery?. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2657-2659.	2.5	7
134	COVIDomic: A multi-modal cloud-based platform for identification of risk factors associated with COVID-19 severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009183.	1.5	7
135	The Advent of Human Life Data Economics. <i>Trends in Molecular Medicine</i> , 2019, 25, 566-570.	3.5	6
136	Exhaustive data mining comparison of the effects of low doses of ionizing radiation, formaldehyde and dioxins. <i>BMC Genomics</i> , 2014, 15, S5.	1.2	5
137	Deep Integrated Biomarkers of Aging. <i>Healthy Ageing and Longevity</i> , 2019, , 281-291.	0.2	5
138	Optimizing future well-being with artificial intelligence: self-organizing maps (SOMs) for the identification of islands of emotional stability. <i>Aging</i> , 2022, 14, 4935-4958.	1.4	5
139	Effects of unpaired 1 gene overexpression on the lifespan of <i>Drosophila melanogaster</i> . <i>BMC Systems Biology</i> , 2019, 13, 16.	3.0	4
140	Evaluation of the geroprotective effects of withaferin A in <i>Drosophila melanogaster</i> . <i>Aging</i> , 2021, 13, 1817-1841.	1.4	4
141	Role of the NOTCH Signaling Pathway in Head and Neck Cancer. <i>Current Cancer Research</i> , 2018, , 229-248.	0.2	4
142	The Evolution of the Charge Density Distribution Function for Spherically Symmetric System with Zero Initial Conditions. <i>World Journal of Condensed Matter Physics</i> , 2014, 04, 33-38.	1.1	4
143	Inhibitors of mTOR in aging and cancer. <i>Oncotarget</i> , 2015, 6, 45010-45011.	0.8	4
144	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	1.4	4

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145	The Case of Nonzero Initial Conditions in the Evolution of the Charge Density Distribution Function for a Spherically Symmetric System. Journal of Applied Mathematics and Physics, 2014, 02, 495-502.	0.2	3
146	Potentialities of MicroRNA Diagnosis in Patients with Bladder Cancer. Bulletin of Experimental Biology and Medicine, 2017, 164, 106-108.	0.3	2
147	Advanced pathological ageing should be represented in the ICD. The Lancet Healthy Longevity, 2022, 3, e12.	2.0	2
148	Adapting Blood DNA Methylation Aging Clocks for Use in Saliva Samples With Cell-type Deconvolution. Frontiers in Aging, 2021, 2, .	1.2	1
149	AI in Longevity Medicine. , 2021, , 1-13.		1
150	Interview with Alex Zhavoronkov, PhD. Rejuvenation Research, 2015, 18, 366-370.	0.9	0
151	AI in Longevity Medicine. , 2022, , 1157-1168.		0