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Epigenetic clock analysis of diet, exercise, education, and lifestyle factors

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444	Interindividual epigenetic variability: Sound or noise?. 2017 , 39, 1700055		14
443	Is cellular heterogeneity merely a confounder to be removed from epigenome-wide association studies?. 2017 , 9, 1143-1150		26
442	Traumatic Stress and Accelerated Cellular Aging: From Epigenetics to Cardiometabolic Disease. 2017 , 19, 75		38
441	Cell-type deconvolution from DNA methylation: a review of recent applications. 2017 , 26, R216-R224		81
440	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. 2017 , 7, 1283		72
439	Social adversity and epigenetic aging: a multi-cohort study on socioeconomic differences in peripheral blood DNA methylation. 2017 , 7, 16266		118
438	From Neighborhood to Genome: Three Decades of Nutrition-Related Research from the Atherosclerosis Risk in Communities Study. 2017 , 117, 1881-1886.e10		3
437	A longitudinal study of DNA methylation as a potential mediator of age-related diabetes risk. 2017 , 39, 475-489		36
436	Epigenetic aging clocks in mice and men. 2017 , 18, 107		32
435	Measuring Animal Age with DNA Methylation: From Humans to Wild Animals. 2017, 8, 106		41
434	Accelerated epigenetic aging in Werner syndrome. <i>Aging</i> , 2017 , 9, 1143-1152	5.6	103
433	Gene expression hallmarks of cellular ageing. 2018 , 19, 547-566		55
432	Prospective Study of Epigenetic Age Acceleration and Incidence of Cardiovascular Disease Outcomes in the ARIC Study (Atherosclerosis Risk in Communities). 2018 , 11, e001937		45
431	Accelerated DNA methylation aging and increased resilience in veterans: The biological cost for soldiering on. 2018 , 8, 112-119		19
430	Epigenetic Aging in Major Depressive Disorder. 2018 , 175, 774-782		92

429	DNA methylation-based biomarkers and the epigenetic clock theory of ageing. 2018 , 19, 371-384	843
428	Epigenetic effects of metformin: From molecular mechanisms to clinical implications. 2018 , 20, 1553-1562	88
427	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. 2018 , 9, 387	106
426	A Single Bout of Electroacupuncture Remodels Epigenetic and Transcriptional Changes in Adipose Tissue in Polycystic Ovary Syndrome. 2018 , 8, 1878	25
425	Effect of adding B-vitamins to vitamin D and calcium supplementation on CpG methylation of epigenetic aging markers. 2018 , 28, 411-417	12
424	Traumatic stress and accelerated DNA methylation age: A meta-analysis. 2018 , 92, 123-134	107
423	Back to the future: Epigenetic clock plasticity towards healthy aging. 2018 , 174, 18-29	43
422	Multi-tissue DNA methylation age: Molecular relationships and perspectives for advancing biomarker utility. 2018 , 45, 15-23	13
421	Epigenetic Age Acceleration: A Biological Doomsday Clock for Cardiovascular Disease?. 2018 , 11, e002089	4
420	Inflammageing and metaflammation: The yin and yang of type 2 diabetes. 2018 , 41, 1-17	117
419	Association of DNA Methylation-Based Biological Age With Health Risk Factors and Overall and Cause-Specific Mortality. 2018 , 187, 529-538	61
418	Faster ticking rate of the epigenetic clock is associated with faster pubertal development in girls. 2018 , 13, 85-94	56
417	The role of epigenetics in cardiovascular health and ageing: A focus on physical activity and nutrition. 2018 , 174, 76-85	18
416	Epigenetic Biomarkers of Biological Age. 2018 ,	
415	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. <i>Aging</i> , 2018 , 10, 3210-3228	16
414	An epigenetic biomarker of aging for lifespan and healthspan. <i>Aging</i> , 2018 , 10, 573-591 5.6	658
413	The epigenetics of inflammaging: The contribution of age-related heterochromatin loss and locus-specific remodelling and the modulation by environmental stimuli. 2018 , 40, 49-60	15
412	Dietary Intervention Modifies DNA Methylation Age Assessed by the Epigenetic Clock. 2018 , 62, e1800092	37

411	DNA methylation age is accelerated in alcohol dependence. 2018 , 8, 182	46
410	DNA Methylation Clocks in Aging: Categories, Causes, and Consequences. 2018 , 71, 882-895	243
409	Translational Geroscience: From invertebrate models to companion animal and human interventions. 2018 , 2, 15-29	11
408	A framework for selection of blood-based biomarkers for geroscience-guided clinical trials: report from the TAME Biomarkers Workgroup. 2018 , 40, 419-436	111
407	Increased epigenetic age in normal breast tissue from luminal breast cancer patients. 2018, 10, 112	25
406	The Basics of Biogerontology. 2018 ,	1
405	The Epigenetic Clock and Aging. 2018 , 95-118	8
404	Investigating the relationship between DNA methylation age acceleration and risk factors for Alzheimer's disease. 2018 , 10, 429-437	57
403	DNA Methylation B ased Measures of Biological Aging. 2018 , 39-64	10
402	Epigenetic Epidemiology for Cancer Risk. 2018 , 195-222	О
401	Socioeconomic Position and DNA Methylation Age Acceleration Across the Life Course. 2018 , 187, 2346-2354	49
400	DNA Methylation Age-Environmental Influences, Health Impacts, and Its Role in Environmental Epidemiology. 2018 , 5, 317-327	44
399		
0,,,	Immunosenescence and Inflamm-Aging As Two Sides of the Same Coin: Friends or Foes?. 2017 , 8, 1960	502
398		502 16
398	Telomere Homeostasis: Interplay with Magnesium. 2018, 19, Epigenomics and Human Obesity. 2018, 409-426 Metabolic and inflammatory biomarkers are associated with epigenetic aging acceleration	
398 397	Telomere Homeostasis: Interplay with Magnesium. 2018, 19, Epigenomics and Human Obesity. 2018, 409-426 Metabolic and inflammatory biomarkers are associated with epigenetic aging acceleration estimates in the GOLDN study. 2018, 10, 56 The epigenetic clock and objectively measured sedentary and walking behavior in older adults: the	16

(2019-2018)

393	Precision Physical Therapy: Exercise, the Epigenome, and the Heritability of Environmentally Modified Traits. 2018 , 98, 946-952	6
392	Relationships of Long-Term Smoking and Moist Snuff Consumption With a DNA Methylation Age Relevant Smoking Index: An Analysis in Buccal Cells. 2019 , 21, 1267-1273	4
391	Posttraumatic psychopathology and the pace of the epigenetic clock: a longitudinal investigation. 2019 , 49, 791-800	26
390	Epigenetic Clock and Relative Telomere Length Represent Largely Different Aspects of Aging in the Berlin Aging Study II (BASE-II). 2019 , 74, 27-32	28
389	Nutrigenomics. 2019 , 256-266	
388	Interaction Among Sex, Aging, and Epigenetic Processes Concerning Visceral Fat, Insulin Resistance, and Dyslipidaemia. 2019 , 10, 496	22
387	Air pollution, particulate matter composition and methylation-based biologic age. 2019, 132, 105071	33
386	Epigenomic adaptations of exercise in the control of metabolic disease and cancer. 2019 , 289-316	O
385	Novel age-associated DNA methylation changes and epigenetic age acceleration in middle-aged African Americans and whites. 2019 , 11, 119	37
384	Age-Related DNA Methylation Changes: Potential Impact on Skeletal Muscle Aging in Humans. 2019 , 10, 996	20
383	Advances in epigenetics link genetics to the environment and disease. 2019 , 571, 489-499	431
382	Exploring the Relationship of Relative Telomere Length and the Epigenetic Clock in the LipidCardio Cohort. 2019 , 20,	13
381	Different epigenetic clocks reflect distinct pathophysiological features of multiple sclerosis. 2019 , 11, 1429-1439	7
380	Reproduction, DNA methylation and biological age. 2019 , 34, 1965-1973	15
379	Epigenetic age acceleration and metabolic syndrome in the coronary artery risk development in young adults study. 2019 , 11, 160	22
378	DNA methylation-based biological age, genome-wide average DNA methylation, and conventional breast cancer risk factors. 2019 , 9, 15055	6
377	Intrinsic and extrinsic epigenetic age acceleration are associated with hypertensive target organ damage in older African Americans. 2019 , 12, 141	11
376	Exploring Epigenetic Age in Response to Intensive Relaxing Training: A Pilot Study to Slow Down Biological Age. 2019 , 16,	14

375	Education and Lifestyle Factors Are Associated with DNA Methylation Clocks in Older African Americans. 2019 , 16,	49
374	Association of Obesity with DNA Methylation Age Acceleration in African American Mothers from the InterGEN Study. 2019 , 20,	13
373	Enhancing Resilience in Youth. 2019 ,	3
372	Optimism is not associated with two indicators of DNA methylation aging. <i>Aging</i> , 2019 , 11, 4970-4989 5.6	5
371	Body Mass Index Drives Changes in DNA Methylation: A Longitudinal Study. 2019 , 125, 824-833	22
370	A pilot prospective study of sleep patterns and DNA methylation-characterized epigenetic aging in young adults. 2019 , 12, 583	6
369	Socio-Economic Position Under the Microscope: Getting Under the Skin and into the Cells. 2019, 6, 403-411	2
368	In Epigenomic Studies, Including Cell-Type Adjustments in Regression Models Can Introduce Multicollinearity, Resulting in Apparent Reversal of Direction of Association. 2019 , 10, 816	9
367	Leisure-time physical activity and DNA methylation age-a twin study. 2019 , 11, 12	16
366	Pharmacoepigenetic Processors: Epigenetic Drugs, Drug Resistance, Toxicoepigenetics, and Nutriepigenetics. 2019 , 191-424	6
365	Can physical activity ameliorate immunosenescence and thereby reduce age-related multi-morbidity?. 2019 , 19, 563-572	150
364	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. 2019 , 14, 1030-1039	12
363	Epigenome-wide association analysis of daytime sleepiness in the Multi-Ethnic Study of Atherosclerosis reveals African-American-specific associations. 2019 , 42,	16
362	Network Analysis of the Potential Role of DNA Methylation in the Relationship between Plasma Carotenoids and Lipid Profile. 2019 , 11,	8
361	Epigenetic Age Acceleration in Adolescence Associates With BMI, Inflammation, and Risk Score for Middle Age Cardiovascular Disease. 2019 , 104, 3012-3024	25
360	DNA methylation GrimAge strongly predicts lifespan and healthspan. <i>Aging</i> , 2019 , 11, 303-327 5.6	424
359	Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males. 2019 , 48, 1958-1971	20
358	The Impact of Caloric Restriction on the Epigenetic Signatures of Aging. 2019 , 20,	39

(2019-2019)

357	Pilot study of DNA methylation, molecular aging markers and measures of health and well-being in aging. 2019 , 9, 118	12
356	Shift work, DNA methylation and epigenetic age. 2019 , 48, 1536-1544	21
355	CpG and Non-CpG Methylation in the Diet-Epigenetics-Neurodegeneration Connection. 2019, 8, 74-82	14
354	Epigenetic changes during aging and their reprogramming potential. 2019 , 54, 61-83	68
353	The goddess who spins the thread of life: Klotho, psychiatric stress, and accelerated aging. 2019 , 80, 193-203	21
352	Accelerated DNA Methylation Aging in U.S. Military Veterans: Results From the National Health and Resilience in Veterans Study. 2019 , 27, 528-532	6
351	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. 2019 , 143, 2263-2270.e14	25
350	Your DNA May Appear Older Than You Think. 2019 , 111, 1007-1008	1
349	Remodeling of epigenome and transcriptome landscapes with aging in mice reveals widespread induction of inflammatory responses. 2019 , 29, 697-709	104
348	Accelerating research on biological aging and mental health: Current challenges and future directions. 2019 , 106, 293-311	24
347	Methylation-Based Biological Age and Breast Cancer Risk. 2019 , 111, 1051-1058	67
346	Dietary and Lifestyle Factors in Epigenetic Regulation of Cancer. 2019 , 361-394	2
345	Longitudinal changes in the genetic and environmental influences on the epigenetic clocks across old age: Evidence from two twin cohorts. 2019 , 40, 710-716	17
344	Genetic risk factors for eating disorders: an update and insights into pathophysiology. 2019 , 9, 20451253188	14734
343	Epigenetic clock analysis of blood samples from Japanese schizophrenia patients. 2019, 5, 4	16
342	The role of epigenetic aging in education and racial/ethnic mortality disparities among older U.S. Women. 2019 , 104, 18-24	26
341	Revisiting the Hallmarks of Aging to Identify Markers of Biological Age. 2020 , 7, 56-64	30
340	Systematic underestimation of the epigenetic clock and age acceleration in older subjects. 2019 , 20, 283	41

339 Nutrition, epigenetics and health. **2019**, 33, 32-35

0	Dhusical Ashivity Talovisias Viscois Time and DNA Makhulakias in Desighand Dland 2010, 51, 400, 400	
338	Physical Activity, Television Viewing Time, and DNA Methylation in Peripheral Blood. 2019 , 51, 490-498	9
337	A meta-analysis of genome-wide association studies of epigenetic age acceleration. 2019 , 15, e1008104	38
336	DNA methylation aging clocks: challenges and recommendations. 2019 , 20, 249	248
335	Association between sleep disordered breathing and epigenetic age acceleration: Evidence from the Multi-Ethnic Study of Atherosclerosis. 2019 , 50, 387-394	9
334	Characterization of Blood Surrogate Immune-Methylation Biomarkers for Immune Cell Infiltration in Chronic Inflammaging Disorders. 2019 , 10, 1229	6
333	Effect of tobacco smoking on the epigenetic age of human respiratory organs. 2019 , 11, 183	22
332	The relationships and interactions between age, exercise and physiological function. 2019 , 597, 1299-1309	24
331	Methods for Analysis of DNA Methylation. 2019 , 347-377	2
330	Effects of Vitamin D3 Supplementation on Epigenetic Aging in Overweight and Obese African Americans With Suboptimal Vitamin D Status: A Randomized Clinical Trial. 2019 , 74, 91-98	34
329	An Epigenetics-Based, Lifestyle Medicine-Driven Approach to Stress Management for Primary Patient Care: Implications for Medical Education. 2020 , 14, 294-303	4
328	A Systematic Review and Meta-analysis of Environmental, Lifestyle, and Health Factors Associated With DNA Methylation Age. 2020 , 75, 481-494	49
327	Methodological challenges in constructing DNA methylation risk scores. 2020 , 15, 1-11	21
326	Epigenetic aging is accelerated in alcohol use disorder and regulated by genetic variation in APOL2. 2020 , 45, 327-336	29
325	Establishing mechanisms affecting the individual response to ionizing radiation. 2020, 96, 297-323	15
324	Epigenetic aging in children from a small-scale farming society in The Congo Basin: Associations with child growth and family conflict. 2020 , 62, 138-153	7
323	Accelerated extrinsic epigenetic aging and increased natural killer cells in blood of suicide completers. 2020 , 98, 109805	5
322	Measuring biological aging in humans: A quest. 2020 , 19, e13080	158

(2020-2020)

321	Physical Activity and Genome-wide DNA Methylation: The REgistre GIron del COR Study. 2020 , 52, 589-597	5
320	Clinical epigenetics: a primer for the practitioner. 2020 , 62, 192-200	7
319	Psychosocial stress and epigenetic aging. 2020 , 150, 107-128	17
318	Food components affecting the epigenome: E rgogeneticlaids for performance. 2020 , 14, 100231	О
317	The influences of DNA methylation and epigenetic clocks, on metabolic disease, in middle-aged Koreans. 2020 , 12, 148	2
316	Promising biomarkers of human aging: In search of a multi-omics panel to understand the aging process from a multidimensional perspective. 2020 , 64, 101164	19
315	Highly accurate skin-specific methylome analysis algorithm as a platform to screen and validate therapeutics for healthy aging. 2020 , 12, 105	8
314	Advances in epigenetic techniques to study development and diseases. 2020 , 673-691	
313	Epigenetic regulation of inflammation in periodontitis: cellular mechanisms and therapeutic potential. 2020 , 12, 186	17
312	Personalized nutrition and healthy aging. 2020 , 78, 58-65	5
312	Personalized nutrition and healthy aging. 2020, 78, 58-65 In vivo biomarkers of structural and functional brain development and aging in humans. 2020, 117, 142-164	5
Ť		
311	In vivo biomarkers of structural and functional brain development and aging in humans. 2020 , 117, 142-164 Prediction of Lung Function in Adolescence Using Epigenetic Aging: A Machine Learning Approach.	10
311	In vivo biomarkers of structural and functional brain development and aging in humans. 2020 , 117, 142-164 Prediction of Lung Function in Adolescence Using Epigenetic Aging: A Machine Learning Approach. 2020 , 3,	10
311 310 309	In vivo biomarkers of structural and functional brain development and aging in humans. 2020, 117, 142-164 Prediction of Lung Function in Adolescence Using Epigenetic Aging: A Machine Learning Approach. 2020, 3, The "Virtual Digital Twins" Concept in Precision Nutrition. 2020, 11, 1405-1413 Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and	10 2 19
311 310 309 308	In vivo biomarkers of structural and functional brain development and aging in humans. 2020, 117, 142-164 Prediction of Lung Function in Adolescence Using Epigenetic Aging: A Machine Learning Approach. 2020, 3, The "Virtual Digital Twins" Concept in Precision Nutrition. 2020, 11, 1405-1413 Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and Mature B-cell Neoplasms. 2020, 29, 2026-2037 Epigenetic clocks may come out of rhythm-implications for the estimation of chronological age in	10 2 19 6
311 310 309 308 307	In vivo biomarkers of structural and functional brain development and aging in humans. 2020, 117, 142-164 Prediction of Lung Function in Adolescence Using Epigenetic Aging: A Machine Learning Approach. 2020, 3, The "Virtual Digital Twins" Concept in Precision Nutrition. 2020, 11, 1405-1413 Stochastic Epigenetic Mutations Are Associated with Risk of Breast Cancer, Lung Cancer, and Mature B-cell Neoplasms. 2020, 29, 2026-2037 Epigenetic clocks may come out of rhythm-implications for the estimation of chronological age in forensic casework. 2020, 134, 2215-2228 Effects of Physical Exercise on Autophagy and Apoptosis in Aged Brain: Human and Animal Studies.	10 2 19 6 8

303	Lifestyle and behavioral factors and mitochondrial DNA copy number in a diverse cohort of mid-life and older adults. 2020 , 15, e0237235	12
302	Leveraging the urban-rural divide for epigenetic research. 2020 , 12, 1071-1081	2
301	Nutritional Epigenomics and Age-Related Disease. 2020 , 4, nzaa097	8
300	Age and life expectancy clocks based on machine learning analysis of mouse frailty. 2020 , 11, 4618	31
299	Investigation of accelerated epigenetic aging in individuals experiencing suicidal ideation. 2020,	O
298	Recalibrating the epigenetic clock: implications for assessing biological age in the human cortex. 2020 , 143, 3763-3775	32
297	A DNA methylation clock associated with age-related illnesses and mortality is accelerated in men with combat PTSD. 2021 , 26, 4999-5009	12
296	Decelerated epigenetic aging associated with mood stabilizers in the blood of patients with bipolar disorder. 2020 , 10, 129	14
295	Polyphenols as Caloric-Restriction Mimetics and Autophagy Inducers in Aging Research. 2020, 12,	29
294	Inflammaging and Complement System: A Link Between Acute Kidney Injury and Chronic Graft Damage. 2020 , 11, 734	34
293	The Role of Nutri(epi)genomics in Achieving the Body's Full Potential in Physical Activity. 2020, 9,	5
292	Analysis of Epigenetic Age Predictors in Pain-Related Conditions. 2020 , 8, 172	2
291	DNA Methylation Biomarkers in Aging and Age-Related Diseases. 2020 , 11, 171	62
290	Insights into the multifactorial causation of obesity by integrated genetic and epigenetic analysis. 2020 , 21, e13019	11
289	The biological age of the heart is consistently younger than chronological age. 2020 , 10, 10752	7
288	Improvements to Healthspan Through Environmental Enrichment and Lifestyle Interventions: Where Are We Now?. 2020 , 14, 605	13
287	Unravelling the role of epigenetics in reproductive adaptations to early-life environment. 2020 , 16, 519-533	16
286	AI-based investigation of molecular biomarkers of longevity. 2020 , 21, 731-744	3

285	Obesity and ageing: Two sides of the same coin. 2020 , 21, e12991	27
284	The effects of bariatric surgery on clinical profile, DNA methylation, and ageing in severely obese patients. 2020 , 12, 14	7
283	One-year Mediterranean diet promotes epigenetic rejuvenation with country- and sex-specific effects: a pilot study from the NU-AGE project. 2020 , 42, 687-701	32
282	Environments, resources, and health. 2020 , 333-374	
281	Aging Fits the Disease Criteria of the International Classification of Diseases. 2020 , 189, 111230	9
280	Epigenetic Clock and Leukocyte Telomere Length Are Associated with Vitamin D Status but not with Functional Assessments and Frailty in the Berlin Aging Study II. 2020 , 75, 2056-2063	14
279	Incomplete penetrance in familial Alzheimer's disease with PSEN1 Ala260Gly mutation. 2020, 41, 2263-2266	3
278	Current perspectives on the cellular and molecular features of epigenetic ageing. 2020, 245, 1532-1542	24
277	Adverse childhood experiences, DNA methylation age acceleration, and cortisol in UK children: a prospective population-based cohort study. 2020 , 12, 55	17
276	Strategies to Prevent or Remediate Cancer and Treatment-Related Aging. 2021 , 113, 112-122	18
275	Maternal prenatal depression and epigenetic age deceleration: testing potentially confounding effects of prenatal stress and SSRI use. 2021 , 16, 327-337	2
274	Epigenetic Age Acceleration and Chronic Health Conditions Among Adult Survivors of Childhood Cancer. 2021 , 113, 597-605	5
273	Associations of Plasma Folate and Vitamin B6 With Blood DNA Methylation Age: An Analysis of One-Carbon Metabolites in the VA Normative Aging Study. 2021 , 76, 760-769	1
272	Invited Commentary: Epigenetic Clocks and Obesity-Towards the Next Frontier Using Integrative Approaches and Early-Life Models. 2021 , 190, 994-997	O
271	The use of DNA methylation clock in aging research. 2021 , 246, 436-446	3
270	DNA methylation ageing clocks and pancreatic cancer risk: pooled analysis of three prospective nested case-control studies. 2021 , 16, 1306-1316	9
269	Klotho, PTSD, and advanced epigenetic age in cortical tissue. 2021 , 46, 721-730	8
268	"Epigenetic clocks": Theory and applications in human biology. 2021 , 33, e23488	13

267	Exploring domains, clinical implications and environmental associations of a deep learning marker of biological ageing.	1
266	A New Monocyte Epigenetic Clock Reveals Effects of Alcohol Consumption on Biological Aging in Three Independent Cohorts.	
265	Toward a Framework for Assessing Privacy Risks in Multi-Omic Research and Databases. 2021 , 21, 46-64	8
264	Changes Induced by Mind-Body Intervention Including Epigenetic Marks and Its Effects on Diabetes. 2021 , 22,	1
263	Associations of Age, Sex, Race/Ethnicity, and Education With 13 Epigenetic Clocks in a Nationally Representative U.S. Sample: The Health and Retirement Study. 2021 , 76, 1117-1123	25
262	Healthy eating patterns and epigenetic measures of biological age. 2021,	3
261	Exercise and/or Stress Effects on the Epigenetic Clock. 2021 , 275-278	
260	An aging and p53 related marker: promoter methylation negatively correlates with mRNA and protein expression in old age. <i>Aging</i> , 2021 , 13, 4831-4849	
259	Dolutegravir is not associated with weight gain in antiretroviral therapy experienced geriatric patients living with HIV. 2021 , 35, 939-945	6
258	Association of cardiovascular health and epigenetic age acceleration. 2021 , 13, 42	2
257	Internalizing symptoms associate with the pace of epigenetic aging in childhood. 2021, 159, 108021	1
256	BMI is positively associated with accelerated epigenetic aging in twin pairs discordant for BMI.	O
255	Comparison of DNA methylation clocks in Black South African men. 2021 , 13, 437-449	2
254	Epigenetic age acceleration is associated with cardiometabolic risk factors and clinical cardiovascular disease risk scores in African Americans. 2021 , 13, 55	8
253	The Effects of Lifetime Estrogen Exposure on Breast Epigenetic Age. 2021 , 30, 1241-1249	2
252	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. 2021 , 13, 48	2
251	Potential reversal of epigenetic age using a diet and lifestyle intervention: a pilot randomized clinical trial. <i>Aging</i> , 2021 , 13, 9419-9432	27
250	Targeting Premature Renal Aging: from Molecular Mechanisms of Cellular Senescence to Senolytic Trials. 2021 , 12, 630419	2

249	No Time to Age: Uncoupling Aging from Chronological Time. 2021 , 12,	2
248	Characteristics of epigenetic aging across gestational and perinatal tissues. 2021 , 13, 97	8
247	Ageing affects subtelomeric DNA methylation in blood cells from a large European population enrolled in the MARK-AGE study. 2021 , 43, 1283-1302	О
246	Life course socioeconomic position and DNA methylation age acceleration in mid-life. 2021 , 75, 1084-1090	5
245	Psychometric Properties of the Self-Healing Assessment Scale for Community-Dwelling Older Adults. 2021 , 9,	1
244	DNA Methylation GrimAge and Incident Diabetes: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. 2021 , 70, 1404-1413	4
243	Alcohol Consumption and Methylation-Based Measures of Biological Age. 2021 , 76, 2107-2111	4
242	Approach to Obesity in the Elderly. 2021 ,	О
241	Combined healthy lifestyle score and risk of epigenetic aging: a discordant monozygotic twin study. <i>Aging</i> , 2021 , 13, 14039-14052	3
240	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. 2021 , 13, 110	1
239	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. 2021 , 20, e13366	9
238	Novel Interpretable Tissue-Specific and Multi-Tissue Transcriptomic Clocks to Infer Aging Mechanisms.	
237	Dietary Polyphenol Intake Is Associated with Biological Aging, a Novel Predictor of Cardiovascular Disease: Cross-Sectional Findings from the Moli-Sani Study. 2021 , 13,	4
236	Functioning and Cognition of Portuguese Older Adults Attending in Residential Homes and Day Centers: A Comparative Study. 2021 , 18,	14
235	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. 2021 , 22, 194	14
234	Accelerated DNA methylation age and medication use among African Americans. <i>Aging</i> , 2021 , 13, 14604 <u>5</u> 1 . 66.	29 ₁
233	Postpartum sleep loss and accelerated epigenetic aging. 2021 , 7, 362-367	4
232	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. 2021 , 13, 121	1

231	Higher diet quality relates to decelerated epigenetic aging. 2021,	5
230	The Elderly Nursing Core Set and the cognition of Portuguese older adults: a cross-sectional study. 2021 , 20, 108	18
229	Epigenetic age acceleration in the emerging burden of cardiometabolic diseases among migrant and non-migrant African populations: the population based cross-sectional RODAM study 2021 , 2, E327-E33	39 ⁴
228	The Socioeconomic Gradient in Epigenetic Ageing Clocks: Evidence from the Multi-Ethnic Study of Atherosclerosis and the Health and Retirement Study. 2021 , 1-23	8
227	DNA methylation-based age clocks: From age prediction to age reversion. 2021 , 68, 101314	16
226	Biological Age Prediction From Wearable Device Movement Data Identifies Nutritional and Pharmacological Interventions for Healthy Aging. 2021 , 2,	1
225	The role of epigenetics in psychological resilience. 2021 , 8, 620-629	4
224	Determination of Biological Age: Geriatric Assessment vs Biological Biomarkers. 2021 , 23, 104	6
223	Heritability of brain resilience to perturbation in humans. 2021 , 235, 118013	3
222	Seven-CpG DNA Methylation Age determined by Single Nucleotide Primer Extension and Illuminal Infinium MethylationEPIC array provide highly comparable results.	O
221	Association of Epigenetic Age Acceleration with Incident Mild Cognitive Impairment and Dementia Among Older Women. 2021 ,	0
220	Epigenetic age is associated with baseline and 3-year change in frailty in the Canadian Longitudinal Study on Aging. 2021 , 13, 163	2
219	Exploring domains, clinical implications and environmental associations of a deep learning marker of biological ageing. 2021 , 1	2
218	Epigenetic age prediction. 2021 , 20, e13452	10
217	Impact of excessive alcohol abuse on age prediction using the VISAGE enhanced tool for epigenetic age estimation in blood. 2021 , 135, 2209-2219	1
216	Frailty and Biological Age. 2021 , 25, 141-149	5
215	Epigenetic clock and methylation studies in vervet monkeys. 2021, 1	5
214	Association of Epigenetic Age Acceleration With Risk Factors, Survival, and Quality of Life in Patients With Head and Neck Cancer. 2021 , 111, 157-167	2

213	DNA methylation-based biomarkers of aging were slowed down in a two-year diet and physical activity intervention trial: the DAMA study. 2021 , 20, e13439	7
212	Associations of five obesity metrics with epigenetic age acceleration: Evidence from 2,474 Taiwan Biobank participants. 2021 , 29, 1731-1738	1
211	Hierarchy and control of ageing-related methylation networks. 2021 , 17, e1009327	O
210	A machine learning-based biological aging prediction and its associations with healthy lifestyles: the Dongfeng-Tongji cohort. 2021 ,	O
209	Epigenetic Age and the Risk of Incident Atrial Fibrillation. 2021,	2
208	Re(Setting) Epigenetic Clocks: An Important Avenue Whereby Social Conditions Become Biologically Embedded across the Life Course. 2021 , 62, 436-453	1
207	Epigenetic Age Acceleration Reflects Long-Term Cardiovascular Health. 2021 , 129, 770-781	7
206	Gene expression correlates of advanced epigenetic age and psychopathology in postmortem cortical tissue. 2021 , 15, 100371	3
205	The pediatric buccal epigenetic clock identifies significant ageing acceleration in children with internalizing disorder and maltreatment exposure. 2021 , 15, 100394	3
204	Epigenetic aging biomarkers and occupational exposure to benzene, trichloroethylene and formaldehyde. 2021 , 158, 106871	1
203	Mediterranean diet and the hallmarks of ageing. 2021 , 75, 1176-1192	17
202	Mediterranean-Type Dietary Pattern and Physical Activity: The Winning Combination to Counteract the Rising Burden of Non-Communicable Diseases (NCDs). 2021 , 13,	17
201	Predictors of Biological Age: The Implications for Wellness and Aging Research. 2021 , 7, 23337214211046419	5
200	DNA methylation in blood is associated with metabolic and inflammatory indices: results from the Moli-sani study. 2021 , 16, 1347-1360	1
199	Translational research in the fastest-growing population: older adults. 2021 , 413-437	
198	Association of Neighborhood Deprivation With Epigenetic Aging Using 4 Clock Metrics. 2020 , 3, e2024329	17
197	Lifestyle and Well-Being: Potential Epigenetic Benefits of Mindfulness Training, Healthy Eating and Physical Activity. 2019 , 39-55	2
196	Epigenetic Clock: Just a Convenient Marker or an Active Driver of Aging?. 2019 , 1178, 175-206	15

195	Distribution of biomarkers of aging in people with different personality types (in Russia). 2020 , 210, 17	028	5
194	Associations of Body Composition and Physical Activity Level With Multiple Measures of Epigenetic Age Acceleration. 2021 , 190, 984-993		9
193	Age and life expectancy clocks based on machine learning analysis of mouse frailty.		1
192	Genome-wide association studies identify 137 loci for DNA methylation biomarkers of ageing.		8
191	Methylation-Based Age Estimation in a Wild Mouse.		2
190	Epigenetic clock and methylation studies in vervet monkeys.		7
189	An epigenetic biomarker of aging for lifespan and healthspan.		2
188	Epigenetic age is a cell-intrinsic property in transplanted human hematopoietic cells. 2019 , 18, e12897		27
187	The lethal sex gap: COVID-19. 2020 , 17, 13		42
186	Polymorbidity, ageing of immune system and low-grade systemic inflammation: a challenge for modern medicine. 2020 , 22, 609-624		4
185	An epigenetic aging clock for dogs and wolves. <i>Aging</i> , 2017 , 9, 1055-1068	5.6	86
184	Epigenetic clock for skin and blood cells applied to Hutchinson Gilford Progeria Syndrome and studies. <i>Aging</i> , 2018 , 10, 1758-1775	5.6	187
183	Epigenetic ageing is distinct from senescence-mediated ageing and is not prevented by telomerase expression. <i>Aging</i> , 2018 , 10, 2800-2815	5.6	48
182	Socioeconomic position, lifestyle habits and biomarkers of epigenetic aging: a multi-cohort analysis. <i>Aging</i> , 2019 , 11, 2045-2070	5.6	67
181	Epigenetic clock analysis of human fibroblasts: effects of hypoxia, donor age, and expression of hTERT and SV40 largeT. <i>Aging</i> , 2019 , 11, 3012-3022	5.6	13
180	Investigation of bidirectional longitudinal associations between advanced epigenetic age and peripheral biomarkers of inflammation and metabolic syndrome. <i>Aging</i> , 2019 , 11, 3487-3504	5.6	6
179	DNA methylation-based estimator of telomere length. <i>Aging</i> , 2019 , 11, 5895-5923	5.6	69
178	Association of adult lung function with accelerated biological aging. <i>Aging</i> , 2020 , 12, 518-542	5.6	13

(2019-2020)

177	Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA normative aging study. <i>Aging</i> , 5.6 2020 , 12, 2070-2083	12
176	DNA methylation clocks as a predictor for ageing and age estimation in naked mole-rats,. <i>Aging</i> , 2020 , 12, 4394-4406	9
175	Biomarkers of aging and lung function in the normative aging study. <i>Aging</i> , 2020 , 12, 11942-11966 5.6	7
174	Multi-omics network analysis reveals distinct stages in the human aging progression in epidermal tissue. <i>Aging</i> , 2020 , 12, 12393-12409	9
173	Epigenetic mutation load is weakly correlated with epigenetic age acceleration. <i>Aging</i> , 2020 , 12, 17863-17.894	5
172	County poverty levels influence genome-wide DNA methylation profiles in African American and European American women 2019 , 8, 683-692	2
171	Current State of Saliva Biomarkers for Aging and Alzheimer's Disease. 2019 , 16, 56-66	12
170	A whole lifespan mouse multi-tissue DNA methylation clock. 2018 , 7,	<i>75</i>
169	The challenges of estimating biological age. 2020 , 9,	10
168	Gerosuppressive and Senolytic Nutrients. 2021 , 465-490	
167	Reduction in Epigenetic Age Acceleration Is Related to Empathy in Mothers with Neglectful Caregiving. 2021 , 11,	О
166	Association between Posttraumatic Stress Disorder and Epigenetic Age Acceleration in a Sample of Twins. 2021 ,	0
165	Associations between alcohol use and accelerated biological ageing. 2021 , 27, e13100	O
164	Lung Allograft Epithelium DNA Methylation Age Is Associated With Graft Chronologic Age and Primary Graft Dysfunction. 2021 , 12, 704172	2
163	Epidemiological and genetic overlap among biological aging clocks: New challenges in biogerontology. 2021 , 72, 101502	2
162	Relationship between five Epigenetic Clocks, Telomere Length and Functional Capacity assessed in Older Adults: Cross-sectional and Longitudinal Analyses.	Ο
161	GWAS of epigenetic ageing rates in blood reveals a critical role forTERT.	1
160	Lessons from Knowledge on the Correlates of the Age of Onset of Physical Illness. 2019 , 15-28	

159	Introduction. 2019 , 1-4	1
158	Epigenetic age is accelerated in schizophrenia with age- and sex-specific effects and associated with polygenic disease risk.	2
157	Internalizing Symptoms Associate with the Pace of Epigenetic Aging in Childhood.	
156	Contributing Factors of Neurodegeneration in Alzheimer Disease. 69-84	
155	Challenges to Automotive Interior Design: The Future Is Much More Than TechnologyIts About People!. 2020 , 385-402	О
154	DNA methylation aging clocks and pancreatic cancer risk: Pooled analysis of three prospective nested case-control studies.	1
153	Epigenetic Age Acceleration Was Delayed in Schizophrenia. 2021 , 47, 803-811	O
152	Encyclopedia of Gerontology and Population Aging. 2021 , 1-7	
151	Evidence of accelerated epigenetic aging in patients diagnosed with coronary artery disease: Results of the LipidCardio study.	
150	Teaching Activity Model of PHP Website Development Technology©ourse Reform Under the Background of Wisdom Education. 2021 , 252-257	1
149	Childhood location correlates with epigenetic age and methylation stability in British-Bangladeshi migrants.	
148	Associations between alcohol use and accelerated biological ageing.	2
147	Key Molecular Mechanisms of Aging, Biomarkers, and Potential Interventions. 2020, 54, 777-811	5
146	Epigenome-wide association studies for breast cancer risk and risk factors. 2017 , 12, 19-28	13
145	Encyclopedia of Gerontology and Population Aging. 2021 , 2181-2187	
144	Recalibrating the epigenetic clock after exposure to trauma: The role of risk and protective psychosocial factors. 2021 ,	O
143	Epigenetic age acceleration and cardiovascular outcomes in school-age children: The Generation R Study. 2021 , 13, 205	1
142	Hierarchical Ridge Regression for Incorporating Prior Information in Genomic Studies. 2021 , 1-17	

141	Cardiovascular health is associated with the epigenetic clock in the Berlin Aging Study II (BASE-II). 2021 , 201, 111616		3
140	Seven-CpG DNA Methylation Age Determined by Single Nucleotide Primer Extension and Illumina's Infinium MethylationEPIC Array Provide Highly Comparable Results 2021 , 12, 759357		1
139	Cell type-specific aging clocks to quantify aging and rejuvenation in regenerative regions of the brain.		O
138	Altern messen des Alterungsprozesses. 2022 , 19-48		
137	Epigenetic age acceleration in obstructive sleep apnea is reversible with adherent treatment 2022 ,		1
136	Meeting Report: Aging Research and Drug Discovery <i>Aging</i> , 2022 , 14,	5.6	O
135	How to Slow down the Ticking Clock: Age-Associated Epigenetic Alterations and Related Interventions to Extend Life Span 2022 , 11,		7
134	Relationship between five Epigenetic Clocks, Telomere Length and Functional Capacity assessed in Older Adults: Cross-sectional and Longitudinal Analyses 2022 ,		1
133	und Alter. 2022 , 141-166		
132	Work-related stress and well-being in association with epigenetic age acceleration: A Northern Finland Birth Cohort 1966 Study <i>Aging</i> , 2022 , 14,	5.6	1
131	Associations Between Blood Pressure and Accelerated DNA Methylation Aging 2022, e022257		O
130	HIV, Pathology and epigenetic age acceleration in different human tissues.		2
129	Epigenetic models developed for plains zebras predict age in domestic horses and endangered equids 2021 , 4, 1412		4
128	Maternal adverse childhood experiences before pregnancy are associated with epigenetic aging changes in their children <i>Aging</i> , 2021 , 13,	5.6	6
127	Biological Age Acceleration Is Lower in Women With Ischemic Stroke Compared to Men 2022 , STROK	EAHA1	21037419
126	A Pilot Study of Blood-Based Methylation Markers Associated With Pancreatic Cancer 2022 , 13, 8498	39	
125	Epigenome-wide association study and epigenetic age acceleration associated with cigarette smoking among Costa Rican adults 2022 , 12, 4277		1
124	A new monocyte epigenetic clock reveals nonlinear effects of alcohol consumption on biological aging in three independent cohorts (N=2,242) 2022 ,		O

123	Editorial: Epigenetic Clock: A Novel Tool for Nutrition Studies of Healthy Ageing 2022, 26, 316-317	0
122	Association of Glyphosate Exposure with Blood DNA Methylation in a Cross-Sectional Study of Postmenopausal Women 2022 , 130, 47001	1
121	Targeting aging mechanisms: pharmacological perspectives 2022,	3
120	Mediterranean diet and other dietary patterns in association with biological aging in the Moli-sani Study cohort 2022 , 41, 1025-1033	1
119	Cumulative risks predict epigenetic age in adult survivors of extremely low birth weight 2021 , 63 Suppl 1, e22222	0
118	Human blood DNA methylation patterns reflect individual lifestyle.	
117	Cancer-related accelerated ageing and biobehavioural modifiers: a framework for research and clinical care. 2021 ,	1
116	Functional Profile of Older Adults Hospitalized in Convalescence Units of the National Network of Integrated Continuous Care of Portugal: A Longitudinal Study 2021 , 11,	5
115	Vitamin D Supplementation is Associated with Slower Epigenetic Aging.	0
114	Integrative genomic analyses in adipocytes implicate DNA methylation in human obesity and diabetes.	O
113	Integrated Multi-Omics for Novel Aging Biomarkers and Antiaging Targets 2021, 12,	2
112	Age-Related Variation in DNA Methylation. 2022 , 235-259	
111	Epigenetic Effects of Healthy Foods and Lifestyle Habits From The Southern European Atlantic Diet Pattern: A Narrative Review 2022 ,	2
110	HIV, pathology and epigenetic age acceleration in different human tissues 2022, 1	o
109	Validity and cardio-metabolic risk profiles of DNA methylation clocks among adults in south-central CE divoire. 2022 , 2,	
108	Comprehensive analysis of epigenetic clocks reveals associations between disproportionate biological ageing and hippocampal volume 2022 , 1	1
107	Table_1.DOCX. 2019 ,	
106	DataSheet_1.docx. 2019 ,	

(2022-2019)

105	Table_1.xlsx. 2019 ,	
104	Table_2.xlsx. 2019 ,	
103	Table_1.DOCX. 2020 ,	
102	Table_1.docx. 2019 ,	
101	Table_2.xlsx. 2019 ,	
100	Data_Sheet_1.PDF. 2020 ,	
99	Image_1.JPEG. 2020 ,	
98	Image_2.JPEG. 2020 ,	
97	Image_3.JPEG. 2020 ,	
96	Image_4.JPEG. 2020 ,	
95	Image_5.JPEG. 2020 ,	
94	Image_6.JPEG. 2020 ,	
93	Image_7.JPEG. 2020 ,	
92	Image_8.JPEG. 2020 ,	
91	Image_9.JPEG. 2020 ,	
90	Multiple events case-control study in a prospective cohort to identify systemic, cellular, and molecular biomarkers of obesity-induced accelerated aging in 30-years-olds: the ObAGE study protocol 2022 , 22, 387	O
89	Biological age is increased by stress and restored upon recovery.	1
88	Epigenetics of type 2 diabetes mellitus and weight change - a tool for precision medicine?. 2022 ,	1

87	Making sense of the ageing methylome 2022,	7
86	Vitamin D supplementation is associated with slower epigenetic aging 2022 , 1	O
85	Maternal plasma fatty acid patterns in mid-pregnancy and offspring epigenetic gestational age at birth 2022 , 1-11	0
84	Accelerated Aging Mediates the Associations of Unhealthy Lifestyles with Cardiovascular Disease, Cancer, and Mortality: Two Large Prospective Cohort Studies.	
83	Childhood poverty, immune cell aging, and African Americans' insulin resistance: A prospective study.	0
82	In Utero Exposure to the Great Depression is Reflected in Late-Life Epigenetic Aging Signatures.	
81	Cardiovascular health and four epigenetic clocks. 2022 , 14,	0
80	Counteracting aged DNA methylation states to combat ageing and age-related diseases. 2022 , 111695	O
79	BMI is positively associated with accelerated epigenetic aging in twin pairs discordant for BMI.	1
78	Epigenetic aging: Biological age prediction and informing a mechanistic theory of aging.	1
77	Epigenetic age dysregulation in individuals with bipolar disorder and schizophrenia. 2022, 114689	
76	DNA methylation patterns reflect individual's lifestyle independent of obesity. 2022 , 12,	O
75	Long-Term Variability in Physiological Measures in Relation to Mortality and Epigenetic Aging: Prospective Studies in the US and China.	
74	Associations Between DNA Methylation Age Acceleration, Depressive Symptoms, and Cardiometabolic Traits in African American Mothers From the InterGEN Study. 2022 , 15, 251686572211097	
73	Prenatal Exposure to Ambient Air Pollution and Epigenetic Aging at Birth in Newborns. 13,	
72	DNA Methylation Age Acceleration, Type 2 Diabetes, and its Complications: Cross-sectional and Longitudinal Data from the Berlin Aging Study II (BASE-II).	O
71	Harnessing the Full Potential of Multi-Omic Analyses to Advance the Study and Treatment of Chronic Kidney Disease. 2,	0
70	Association between depression and epigenetic age acceleration: A co-twin control study.	O

69	Causal associations of education, lifestyle behaviors, and cardiometabolic traits with epigenetic age acceleration: a Mendelian randomization study.	
68	Dietary flavonoids prevent diabetes through epigenetic regulation: advance and challenge. 1-17	2
67	Relative contributions of six lifestyle- and health-related exposures to epigenetic aging: the Coronary Artery Risk Development in Young Adults (CARDIA) Study. 2022 , 14,	O
66	Human age reversal: Fact or fiction?.	1
65	Evaluation of epigenetic age acceleration scores and their associations with CVD related phenotypes in a population cohort.	
64	Shifts in lifestyle and socioeconomic circumstances predict change f or better or worse i h speed of epigenetic aging: A study of middle-aged black women. 2022 , 307, 115175	O
63	Sex-specific and generational effects of alcohol and tobacco use on epigenetic age acceleration in the Michigan longitudinal study. 2022 , 4, 100077	1
62	A review of epigenetics and its association with ageing of muscle and bone. 2022 , 165, 12-17	
61	Methyl Group Metabolism in Differentiation, Aging, and Cancer. 2022 , 23, 8378	
60	Toxicoepigenetics and Environmental Health: Challenges and Opportunities. 2022 , 35, 1293-1311	O
59	Hormetic association between perceived stress and human epigenetic aging based on resilience capacity.	
58	Effect of a 3-Week Multidisciplinary Body Weight Reduction Program on the Epigenetic Age Acceleration in Obese Adults. 2022 , 11, 4677	O
58 57		0
	Acceleration in Obese Adults. 2022, 11, 4677 Urinary phthalate metabolites and their mixtures are associated with advanced sperm epigenetic	
57	Acceleration in Obese Adults. 2022, 11, 4677 Urinary phthalate metabolites and their mixtures are associated with advanced sperm epigenetic aging in a general population. 2022, 214, 114115 Chromosomal and environmental contributions to sex differences in the vulnerability to	0
57 56	Acceleration in Obese Adults. 2022, 11, 4677 Urinary phthalate metabolites and their mixtures are associated with advanced sperm epigenetic aging in a general population. 2022, 214, 114115 Chromosomal and environmental contributions to sex differences in the vulnerability to neurological and neuropsychiatric disorders: Implications for therapeutic interventions. 2022, 219, 102353	0
57 56 55	Urinary phthalate metabolites and their mixtures are associated with advanced sperm epigenetic aging in a general population. 2022, 214, 114115 Chromosomal and environmental contributions to sex differences in the vulnerability to neurological and neuropsychiatric disorders: Implications for therapeutic interventions. 2022, 219, 102353 DNA Methylation Clocks in Age-related Disease. 2023, 479-495 Molecular Mechanisms of Cellular Injury and Role of Toxic Heavy Metals in Chronic Kidney Disease.	0 2

51	Epigenetic aging and perceived psychological stress in old age. 2022 , 12,	0
50	Genetic, Social, and Lifestyle Drivers of Healthy Aging and Longevity.	O
49	Curriculum Setting Method for Special Education Specialty Integrating Projective Geometry. 2022 , 2022, 1-10	О
48	Psychological factors substantially contribute to biological aging: evidence from the aging rate in Chinese older adults. 2022 , 14, 7206-7222	O
47	Epigenetic clock: A promising biomarker and practical tool in aging. 2022, 81, 101743	О
46	PTSD, major depression, and advanced transcriptomic age in brain tissue.	O
45	Epigenetic and Proteomic Biomarkers of Elevated Alcohol Use Predict Epigenetic Aging and Cell-Type variation Better Than Self-Report. 2022 , 13, 1888	О
44	Causal Epigenetic Age Uncouples Damage and Adaptation.	O
43	Marijuana use and DNA methylation-based biological age in young adults. 2022, 14,	0
42	Inbreeding effects on telomeres in hatchling sand lizards (Lacerta agilis): An optimal family affair?.	O
41	A blast from the past: To tame time with metformin. 2022 , 208, 111743	O
40	Trends in Personalised Precision Nutrition, Objectives. 2022 , 1-24	O
39	Grip strength is inversely associated with DNA methylation age acceleration.	О
38	The role of adolescent lifestyle habits in biological aging: A prospective twin study. 11,	1
37	Pace of aging, family environment and cognitive skills in children and adolescents. 2022, 20, 101280	0
36	An evaluation of aging measures: from biomarkers to clocks.	O
35	Sex differences in epigenetic age in Mediterranean high longevity regions. 3,	О
34	Cell-type-specific aging clocks to quantify aging and rejuvenation in neurogenic regions of the brain.	O

33	DNA methylation GrimAge version 2.	0
32	Distinguishable DNA Methylation Defines a Cardiac-Specific Epigenetic Clock.	O
31	Alcohol consumption and epigenetic age acceleration in young adults.	О
30	Long-term variability in physiological measures in relation to mortality and epigenetic aging: prospective studies in the USA and China. 2023 , 21,	O
29	Epigenetic age acceleration correlates with BMI in young adults.	0
28	Evaluation of Epigenetic Age Acceleration Scores and Their Associations with CVD-Related Phenotypes in a Population Cohort. 2023 , 12, 68	o
27	Emerging evidence on the role of clonal hematopoiesis of indeterminate potential in chronic kidney disease. 2022 ,	О
26	On the road to resilience: Epigenetic effects of meditation. 2023,	O
25	Use of incorrect and correct methods to account for age in studies on epigenetic accelerated aging: implications and recommendations for best practices.	О
24	Ontology (3): The Case for Programs: Altruistic Suicide, Quasi-Programs and Smurfs. 2023 , 419-459	O
23	The impact of alcoholic drinks and dietary factors on epigenetic markers associated with triglyceride levels. 14,	O
22	Machine Learning Approximations to Predict Epigenetic Age Acceleration in Stroke Patients. 2023 , 24, 2759	o
21	DNA methylation age at birth and childhood: performance of epigenetic clocks and characteristics associated with epigenetic age acceleration in the Project Viva cohort. 2023 , 15,	O
20	Epigenetic clocks derived from western samples differentially reflect Taiwanese health outcomes. 14,	O
19	Cardiovascular correlates of epigenetic aging across the adult lifespan: a population-based study.	0
18	DNA methylation age acceleration is associated with risk of diabetes complications. 2023 , 3,	0
17	Differential methylation in CD44 and SEC23A is associated with time preference in older individuals. 2023 , 49, 101233	0
16	Female APOE e4 Carriers with Slow Rates of Biological Aging Have Better Memory Performances Compared to Female e4 Carriers with Accelerated Aging. 2023 , 92, 1269-1282	O

15	Maintaining a fit[Immune system: the role of vaccines. 2023, 22, 256-266	0
14	ClockBase: a comprehensive platform for biological age profiling in human and mouse.	O
13	Epigenetic clocks and female fertility timeline: A new approach to an old issue?. 11,	О
12	Turning Back the Clock: A Retrospective Single-Blind Study on Brain Age Change in Response to Nutraceuticals Supplementation vs. Lifestyle Modifications. 2023 , 13, 520	O
11	Centenarian clocks: epigenetic clocks for validating claims of exceptional longevity.	О
10	Healthy lifestyle, DNA methylation age acceleration, and incident risk of coronary heart disease. 2023 , 15,	O
9	Distinguishable DNA methylation defines a cardiac-specific epigenetic clock. 2023, 15,	0
8	Physical activity is associated with slower epigenetic ageing E indings from the Rhineland study.	O
7	Transdiagnostic evaluation of epigenetic age acceleration and burden of psychiatric disorders.	0
6	The relationship of trait-like compassion with epigenetic aging: The population-based prospective Young Finns Study. 14,	O
5	Survival rate and chronic diseases of TCGA cancer and KoGES normal samples by clustering for DNA methylation.	0
4	An integrative framework and recommendations for the study of DNA methylation in the context of race and ethnicity. 2023 , 3,	O
3	How can we modulate aging through nutrition and physical exercise? An epigenetic approach.	О
2	Biological age is increased by stress and restored upon recovery. 2023 ,	O
1	Extended-release metformin improves cognitive impairment in frail older women with hypertension and diabetes: preliminary results from the LEOPARDESS Study. 2023 , 22,	О