Reinald Pamplona

List of Publications by Year
in descending order

262	14,959	17776 65	27587 110
papers	citations	h-index	g-index

287	287	287	18791
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevalence of Obstructive Sleep Apnoea and Its Association With Atherosclerotic Plaques in a Cohort of Subjects With Mildâ€“Moderate Cardiovascular Risk. Archivos De Bronconeumologia, 2022, 58, 490-497.	0.4	11
2	Modulation of mitochondrial and inflammatory homeostasis through RIP140 is neuroprotective in an adrenoleukodystrophy mouse model. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	6
3	Plasma profiling reveals a blood-based metabolic fingerprint of obstructive sleep apnea. Biomedicine and Pharmacotherapy, 2022, 145, 112425.	2.5	14
4	Elovl2-Ablation Leads to Mitochondrial Membrane Fatty Acid Remodeling and Reduced Efficiency in Mouse Liver Mitochondria. Nutrients, 2022, 14, 559.	1.7	6
5	Selective brain regional changes in lipid profile with human aging. GeroScience, 2022, 44, 763-783.	2.1	15
6	Weak Association between Skin Autofluorescence Levels and Prediabetes with an ILERVAS Cross-Sectional Study. Nutrients, 2022, 14, 1102.	1.7	0
7	Prediabetes Is Associated with Increased Prevalence of Sleep-Disordered Breathing. Journal of Clinical Medicine, 2022, 11, 1413.	1.0	5
8	The effect of external stimulation on functional networks in the aging healthy human brain. Cerebral Cortex, 2022, 33, 235-245.	1.6	8
9	Long-lived Humans Have a Unique Plasma Sphingolipidome. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 728-735.	1.7	7
10	Metabolomics reveals that fittest trail runners show a better adaptation of bioenergetic pathways. Journal of Science and Medicine in Sport, 2022, 25, 425-431.	0.6	10
11	Plasma Profiling Reveals a Blood-Based Metabolic Fingerprint of Obstructive Sleep Apnea. , 2022, , .		0
12	Microbiota alterations in proline metabolism impact depression. Cell Metabolism, 2022, 34, 681-701.e10.	7.2	77
13	Metabolomic Analysis Points to Bioactive Lipid Species and Acireductone Dioxygenase 1 (ADI1) as Potential Therapeutic Targets in Poor Prognosis Endometrial Cancer. Cancers, 2022, 14, 2842.	1.7	6
14	Presence of Blastocystis in gut microbiota is associated with cognitive traits and decreased executive function. ISME Journal, 2022, 16, 2181-2197.	4.4	10
15	Activating cannabinoid receptor 2 preserves axonal health through GSK-3Î²/NRF2 axis in adrenoleukodystrophy. Acta Neuropathologica, 2022, 144, 241-258.	3.9	2
16	Subclinical atheromatosis localization and burden in a low-to-moderate cardiovascular risk population: the ILERVAS study. Revista Espanola De Cardiologia (English Ed), 2021, 74, 1042-1053.	0.4	8
17	Decrease in sleep depth is associated with higher cerebrospinal fluid neurofilament light levels in patients with Alzheimerâ€™s disease. Sleep, 2021, 44, .	0.6	22
18	Methionine transsulfuration pathway is upregulated in long-lived humans. Free Radical Biology and Medicine, 2021, 162, 38-52.	1.3	21

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19	Lipid alterations in human frontal cortex in ALSâ€FTLDâ€TDP43 proteinopathy spectrum are partly related to peroxisome impairment. Neuropathology and Applied Neurobiology, 2021, 47, 544-563.	1.8	14
20	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. Cerebral Cortex, 2021, 31, 2466-2481.	1.6	29
21	Lipoxidation. , 2021, , 83-96.		1
22	Lipidomic traits of plasma and cerebrospinal fluid in amyotrophic lateral sclerosis correlate with disease progression. Brain Communications, 2021, 3, fcab143.	1.5	29
23	Is the NDUFV2 subunit of the hydrophilic complex I domain a key determinant of animal longevity?. FEBS Journal, 2021, 288, 6652-6673.	2.2	12
24	Clinical Usefulness of Anthropometric Indices to Predict the Presence of Prediabetes. Data from the ILERVAS Cohort. Nutrients, 2021, 13, 1002.	1.7	5
25	The Causal Role of Lipoxidative Damage in Mitochondrial Bioenergetic Dysfunction Linked to Alzheimerâ€™s Disease Pathology. Life, 2021, 11, 388.	1.1	16
26	Subjects with detectable Saccharomyces cerevisiae in the gut microbiota show deficits in attention and executive function. Journal of Internal Medicine, 2021, 290, 740-743.	2.7	4
27	New insights into human prefrontal cortex aging with a lipidomics approach. Expert Review of Proteomics, 2021, 18, 333-344.	1.3	12
28	Nuclear lipidome is altered in amyotrophic lateral sclerosis: A pilot study. Journal of Neurochemistry, 2021, 158, 482-499.	2.1	9
29	mTORC1 is also involved in longevity between species. Aging, 2021, 13, 14544-14545.	1.4	3
30	Up-Regulation of Specific Bioactive Lipids in Celiac Disease. Nutrients, 2021, 13, 2271.	1.7	5
31	Plasma methionine metabolic profile is associated with longevity in mammals. Communications Biology, 2021, 4, 725.	2.0	9
32	Dysregulated protein phosphorylation: A determining condition in the continuum of brain aging and Alzheimer's disease. Brain Pathology, 2021, 31, e12996.	2.1	33
33	Cell Stress Induces Mislocalization of Transcription Factors with Mitochondrial Enrichment. International Journal of Molecular Sciences, 2021, 22, 8853.	1.8	4
34	Obesity-associated deficits in inhibitory control are phenocopied to mice through gut microbiota changes in one-carbon and aromatic amino acids metabolic pathways. Gut, 2021, 70, 2283-2296.	6.1	31
35	Restriction of Dietary Advanced Glycation End Products Induces a Differential Plasma Metabolome and Lipidome Profile. Molecular Nutrition and Food Research, 2021, 65, e2000499.	1.5	3
36	LocalizaciÃ³n y carga de ateromatosis subclÃnica en poblaciÃ³n con un riesgo cardiovascular bajo-moderado: estudio ILERVAS. Revista Espanola De Cardiologia, 2021, 74, 1043-1054.	0.6	3

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37	Age-Related Changes in Lipidome of Rat Frontal Cortex and Cerebellum Are Partially Reversed by Methionine Restriction Applied in Old Age. International Journal of Molecular Sciences, 2021, 22, 12517.	1.8	8
38	Lifelong soya consumption in males does not increase lifespan but increases health span under a metabolic stress such as type 2 diabetes mellitus. Mechanisms of Ageing and Development, 2021, 200, 111596.	2.2	3
39	Prevalence and Predictors of Cerebral Microangiopathy Determined by Pulsatility Index in an Asymptomatic Population From the ILERVAS Project. Frontiers in Neurology, 2021, 12, 785640.	1.1	4
40	Mediterranean diet, physical activity and subcutaneous advanced glycation end-productsâ€™ accumulation: a cross-sectional analysis in the ILERVAS project. European Journal of Nutrition, 2020, 59, 1233-1242.	1.8	17
41	Lipidomic profiling identifies signatures of metabolic risk. EBioMedicine, 2020, 51, 102520.	2.7	56
42	Gender-Specific Beneficial Effects of Docosahexaenoic Acid Dietary Supplementation in G93A-SOD1 Amyotrophic Lateral Sclerosis Mice. Neurotherapeutics, 2020, 17, 269-281.	2.1	15
43	Metabolic adaptations in spontaneously immortalized PGC-1Î± knock-out mouse embryonic fibroblasts increase their oncogenic potential. Redox Biology, 2020, 29, 101396.	3.9	12
44	The Lipidome Fingerprint of Longevity. Molecules, 2020, 25, 4343.	1.7	19
45	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. Cell Metabolism, 2020, 32, 548-560.e7.	7.2	88
46	Confirmation of the Cardioprotective Effect of MitoGamide in the Diabetic Heart. Cardiovascular Drugs and Therapy, 2020, 34, 823-834.	1.3	9
47	AGE-EFFECT ON THE FATTY ACID AND LIPIDOMIC PROFILE OF THE FOLLICULAR FLUID DURINGÂIN-VITRO FERTILIZATION CYCLES. Fertility and Sterility, 2020, 114, e343.	0.5	0
48	The Advanced Lipoxidation End-Product Malondialdehyde-Lysine in Aging and Longevity. Antioxidants, 2020, 9, 1132.	2.2	47
49	Metabolic Adaptations in Spontaneously Immortalized PGC-1Î± Knock-out Mouse Embryonic Fibroblasts Increase their Oncogenic Potential. Free Radical Biology and Medicine, 2020, 159, S70-S71.	1.3	0
50	Protein succination as a potential surrogate biomarker of airway obstruction. The ilervas project. Respiratory Medicine, 2020, 172, 106124.	1.3	1
51	Dietary Intervention Reverses Fatty Liver and Altered Gut Microbiota during Early-Life Undernutrition. MSystems, 2020, 5, .	1.7	4
52	Alterations in One-Carbon Metabolism in Celiac Disease. Nutrients, 2020, 12, 3723.	1.7	10
53	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. Mechanisms of Ageing and Development, 2020, 189, 111257.	2.2	18
54	Succination of Protein Thiols in Human Brain Aging. Frontiers in Aging Neuroscience, 2020, 12, 52.	1.7	10

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55	Gene expression and regulatory factors of the mechanistic target of rapamycin (mTOR) complex 1 predict mammalian longevity. GeroScience, 2020, 42, 1157-1173.	2.1	11
56	Are Obesity Indices Useful for Detecting Subclinical Atheromatosis in a Middle-Aged Population?. Obesity Facts, 2020, 13, 29-39.	1.6	8
57	Low abundance of NDUFV2 and NDUFS4 subunits of the hydrophilic complex I domain and VDAC1 predicts mammalian longevity. Redox Biology, 2020, 34, 101539.	3.9	24
58	Molecular phenomics of a high-calorie diet-induced porcine model of prepubertal obesity. Journal of Nutritional Biochemistry, 2020, 83, 108393.	1.9	7
59	Selected cryptic exons accumulate in hippocampal cell nuclei in Alzheimerâ€™s disease with and without associated TDP-43 proteinopathy. Brain, 2020, 143, e20-e20.	3.7	5
60	Essential Physiological Differences Characterize Short- and Long-Lived Strains of Drosophila melanogaster. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1835-1843.	1.7	9
61	Lipid profile of cerebrospinal fluid in multiple sclerosis patients: a potential tool for diagnosis. Scientific Reports, 2019, 9, 11313.	1.6	43
62	Dissimilar Impact of a Mediterranean Diet and Physical Activity on Anthropometric Indices: A Cross-Sectional Study from the ILERVAS Project. Nutrients, 2019, 11, 1359.	1.7	10
63	Impairment of Mitochondrial Redox Status in Peripheral Lymphocytes of Multiple Sclerosis Patients. Frontiers in Neuroscience, 2019, 13, 938.	1.4	24
64	Metformin induces lipid changes on sphingolipid species and oxidized lipids in polycystic ovary syndrome women. Scientific Reports, 2019, 9, 16033.	1.6	25
65	Characteristics of atheromatosis in the prediabetes stage: a cross-sectional investigation of the ILERVAS project. Cardiovascular Diabetology, 2019, 18, 154.	2.7	17
66	Manipulating mtDNA in vivo reprograms metabolism via novel response mechanisms. PLoS Genetics, 2019, 15, e1008410.	1.5	7
67	A prospective pilot study using metabolomics discloses specific fatty acid, catecholamine and tryptophan metabolic pathways as possible predictors for a negative outcome after severe trauma. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2019, 27, 56.	1.1	10
68	Biomarker Identification, Safety, and Efficacy of High-Dose Antioxidants for Adrenomyeloneuropathy: a Phase II Pilot Study. Neurotherapeutics, 2019, 16, 1167-1182.	2.1	31
69	Skin Autofluorescence Measurement in Subclinical Atheromatous Disease: Results from the ILERVAS Project. Journal of Atherosclerosis and Thrombosis, 2019, 26, 879-889.	0.9	9
70	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. Cell, 2019, 177, 881-895.e17.	13.5	209
71	Lung function measurements in the prediabetes stage: data from the ILERVAS Project. Acta Diabetologica, 2019, 56, 1005-1012.	1.2	11
72	Redox lipidomics to better understand brain aging and function. Free Radical Biology and Medicine, 2019, 144, 310-321.	1.3	28

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73	Effects of Mediterranean Diet and Physical Activity on Pulmonary Function: A Cross-Sectional Analysis in the ILERVAS Project. Nutrients, 2019, 11, 329.	1.7	22
74	Effects of Aging and Methionine Restriction on Rat Kidney Metabolome. Metabolites, 2019, 9, 280.	1.3	16
75	Lipids and lipoxidation in human brain aging. Mitochondrial ATP-synthase as a key lipoxidation target. Redox Biology, 2019, 23, 101082.	3.9	52
76	The cirrhotic liver is depleted of docosahexaenoic acid (DHA), a key modulator of NF-Î²B and TGFÎ² pathways in hepatic stellate cells. Cell Death and Disease, 2019, 10, 14.	2.7	31
77	Subcutaneous advanced glycation end-products and lung function according to glucose abnormalities: The ILERVAS Project. Diabetes and Metabolism, 2019, 45, 595-598.	1.4	12
78	Exceptional human longevity is associated with a specific plasma phenotype of ether lipids. Redox Biology, 2019, 21, 101127.	3.9	51
79	Lipid Profile in Human Frontal Cortex is Sustained Throughout Healthy Adult Lifespan to Decay at Advanced Ages. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 703-710.	1.7	13
80	Location-dependent effects of trauma on oxidative stress in humans. PLoS ONE, 2018, 13, e0205519.	1.1	4
81	Lipidomics Reveals a Tissue-Specific Fingerprint. Frontiers in Physiology, 2018, 9, 1165.	1.3	85
82	Regional vulnerability to lipoxidative damage and inflammation in normal human brain aging. Experimental Gerontology, 2018, 111, 218-228.	1.2	22
83	Aberrant regulation of the <scp>GSK</scp> â€3Î²/ <scp>NRF</scp> 2 axis unveils a novel therapy for adrenoleukodystrophy. EMBO Molecular Medicine, 2018, 10, .	3.3	35
84	Cryptic exon splicing function of TARDBP interacts with autophagy in nervous tissue. Autophagy, 2018, 14, 1398-1403.	4.3	39
85	Lipidomics reveals altered biosynthetic pathways of glycerophospholipids and cell signaling as biomarkers of the polycystic ovary syndrome. Oncotarget, 2018, 9, 4522-4536.	0.8	26
86	A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 30-37.	1.7	59
87	Region-specific vulnerability to lipid peroxidation and evidence of neuronal mechanisms for polyunsaturated fatty acid biosynthesis in the healthy adult human central nervous system. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 485-495.	1.2	49
88	Adipocyte lipopolysaccharide binding protein (<scp>LBP</scp>) is linked to a specific lipidomic signature. Obesity, 2017, 25, 391-400.	1.5	12
89	Sixty years old is the breakpoint of human frontal cortex aging. Free Radical Biology and Medicine, 2017, 103, 14-22.	1.3	32
90	Loss of <scp>SIRT</scp>2 leads to axonal degeneration and locomotor disability associated with redox and energy imbalance. Aging Cell, 2017, 16, 1404-1413.	3.0	36

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91	A plasma metabolomic signature discloses human breast cancer. Oncotarget, 2017, 8, 19522-19533.	0.8	61
92	Differential metabolic profiles associated to movement behaviour of stream-resident brown trout (Salmo trutta). PLoS ONE, 2017, 12, e0181697.	1.1	4
93	Tumour-microenvironmental blood flow determines a metabolomic signature identifying lysophospholipids and resolvin D as biomarkers in endometrial cancer patients. Oncotarget, 2017, 8, 109018-109026.	0.8	12
94	Nontargeted Brain Lipidomic Profiling Performed by UPLC-ESI-qToF-MS/MS. Neuromethods, 2017, , 75-90.	0.2	0
95	Specific Metabolomics Adaptations Define a Differential Regional Vulnerability in the Adult Human Cerebral Cortex. Frontiers in Molecular Neuroscience, 2016, 9, 138.	1.4	17
96	Metabolomics Predicts Neuroimaging Characteristics of Transient Ischemic Attack Patients. EBioMedicine, 2016, 14, 131-138.	2.7	24
97	Rapamycin reverses age-related increases in mitochondrial ROS production at complex I, oxidative stress, accumulation of mtDNA fragments inside nuclear DNA, and lipofuscin level, and increases autophagy, in the liver of middle-aged mice. Experimental Gerontology, 2016, 83, 130-138.	1.2	92
98	Early and gender-specific differences in spinal cord mitochondrial function and oxidative stress markers in a mouse model of ALS. Acta Neuropathologica Communications, 2016, 4, 3.	2.4	43
99	Oral intake of genetically engineered high-carotenoid corn ameliorates hepatomegaly and hepatic steatosis in PTEN haploinsufficient mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 526-535.	1.8	6
100	Interplay between TDP-43 and docosahexaenoic acid-related processes in amyotrophic lateral sclerosis. Neurobiology of Disease, 2016, 88, 148-160.	2.1	27
101	Metabolomics uncovers the role of adipose tissue PDXK in adipogenesis and systemic insulin sensitivity. Diabetologia, 2016, 59, 822-832.	2.9	25
102	Redox proteomic profiling of neuroketal-adducted proteins in human brain: Regional vulnerability at middle age increases in the elderly. Free Radical Biology and Medicine, 2016, 95, 1-15.	1.3	28
103	Human Aging Is a Metabolome-related Matter of Gender. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 578-585.	1.7	67
104	Metabotyping human endometrioid endometrial adenocarcinoma reveals an implication of endocannabinoid metabolism. Oncotarget, 2016, 7, 52364-52374.	0.8	17
105	Obesity changes the human gut mycobiome. Scientific Reports, 2015, 5, 14600.	1.6	231
106	Long lifespans have evolved with long and monounsaturated fatty acids in birds. Evolution; International Journal of Organic Evolution, 2015, 69, 2776-2784.	1.1	18
107	The Antioxidant Effect of LMN Diet, Rich in Polyphenols and Polyunsaturated Fatty Acids, in Alzheimerâ€™s Disease. , 2015, , 847-857.		1
108	Neuroinflammatory Gene Regulation, Mitochondrial Function, Oxidative Stress, and Brain Lipid Modifications With Disease Progression in Tau P301S Transgenic Mice as a Model of Frontotemporal Lobar Degeneration-Tau. Journal of Neuropathology and Experimental Neurology, 2015, 74, 975-999.	0.9	55

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109	Muscle mitohormesis promotes cellular survival via serine/glycine pathway flux. FASEB Journal, 2015, 29, 1314-1328.	0.2	74
110	Cysteine dietary supplementation reverses the decrease in mitochondrial ROS production at complex I induced by methionine restriction. Journal of Bioenergetics and Biomembranes, 2015, 47, 199-208.	1.0	37
111	Lipidomics of Human Brain Aging and Alzheimer's Disease Pathology. International Review of Neurobiology, 2015, 122, 133-189.	0.9	139
112	Neuroinflammatory Signals in Alzheimer Disease and APP/PS1 Transgenic Mice. Journal of Neuropathology and Experimental Neurology, 2015, 74, 319-344.	0.9	105
113	Activation of sirtuin 1 as therapy for the peroxisomal disease adrenoleukodystrophy. Cell Death and Differentiation, 2015, 22, 1742-1753.	5.0	27
114	Target of rapamycin activation predicts lifespan in fruit flies. Cell Cycle, 2015, 14, 2949-2958.	1.3	23
115	Voltage-gated calcium channel blockers deregulate macroautophagy in cardiomyocytes. International Journal of Biochemistry and Cell Biology, 2015, 68, 166-175.	1.2	20
116	Nutridynamics: mechanism(s) of action of bioactive compounds and their effects. International Journal of Food Sciences and Nutrition, 2015, 66, S22-S30.	1.3	14
117	Altered glycolipid and glycerophospholipid signaling drive inflammatory cascades in adrenomyeloneuropathy. Human Molecular Genetics, 2015, 24, ddv375.	1.4	37
118	Metabolomics predicts stroke recurrence after transient ischemic attack. Neurology, 2015, 84, 36-45.	1.5	93
119	Deregulation of purine metabolism in Alzheimer's disease. Neurobiology of Aging, 2015, 36, 68-80.	1.5	108
120	Plasma lipidomics discloses metabolic syndrome with a specific HDL phenotype. FASEB Journal, 2014, 28, 5163-5171.	0.2	40
121	Lifelong treatment with atenolol decreases membrane fatty acid unsaturation and oxidative stress in heart and skeletal muscle mitochondria and improves immunity and behavior, without changing mice longevity. Aging Cell, 2014, 13, 551-560.	3.0	22
122	Caloric restriction reveals a metabolomic and lipidomic signature in liver of male mice. Aging Cell, 2014, 13, 828-837.	3.0	63
123	Metabolomics of Human Brain Aging and Age-Related Neurodegenerative Diseases. Journal of Neuropathology and Experimental Neurology, 2014, 73, 640-657.	0.9	174
124	Hydroxytyrosol ameliorates oxidative stress and mitochondrial dysfunction in doxorubicin-induced cardiotoxicity in rats with breast cancer. Biochemical Pharmacology, 2014, 90, 25-33.	2.0	118
125	Independent and additive effects of atenolol and methionine restriction on lowering rat heart mitochondria oxidative stress. Journal of Bioenergetics and Biomembranes, 2014, 46, 159-172.	1.0	10
126	Dietary Lipid Unsaturation Influences Survival and Oxidative Modifications of an Amyotrophic Lateral Sclerosis Model in a Gender-Specific Manner. NeuroMolecular Medicine, 2014, 16, 669-685.	1.8	12

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127	Plasma antioxidant capacity in critical polytraumatized patients?: methods, severity, and anatomic location. Critical Care, 2014, 18, 434.	2.5	1
128	Human omental and subcutaneous adipose tissue exhibit specific lipidomic signatures. FASEB Journal, 2014, 28, 1071-1081.	0.2	48
129	Exceptionally old mice are highly resistant to lipoxidation-derived molecular damage. Age, 2013, 35, 621-635.	3.0	19
130	Vitamin D receptor BsmI polymorphism modulates soy intake and 25-hydroxyvitamin D supplementation benefits in cardiovascular disease risk factors profile. Genes and Nutrition, 2013, 8, 561-569.	1.2	13
131	Plasma long-chain free fatty acids predict mammalian longevity. Scientific Reports, 2013, 3, 3346.	1.6	51
132	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. Cardiovascular Research, 2013, 97, 642-652.	1.8	60
133	Skeletal muscle uncoupling-induced longevity in mice is linked to increased substrate metabolism and induction of the endogenous antioxidant defense system. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E495-E506.	1.8	37
134	Tetradecylthioacetic Acid Attenuates Inflammation and Has Antioxidative Potential During Experimental Colitis in Rats. Digestive Diseases and Sciences, 2013, 58, 97-106.	1.1	12
135	Impaired mitochondrial oxidative phosphorylation in the peroxisomal disease X-linked adrenoleukodystrophy. Human Molecular Genetics, 2013, 22, 3296-3305.	1.4	95
136	Atherosclerosis prevention by nutritional factors: A meta-analysis in small animal models. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 84-93.	1.1	11
137	Dietary intake of green tea polyphenols regulates insulin sensitivity with an increase in AMPâ€activated protein kinase Î± content and changes in mitochondrial respiratory complexes. Molecular Nutrition and Food Research, 2013, 57, 459-470.	1.5	21
138	Specific Lipidome Signatures in Central Nervous System from Methionine-Restricted Mice. Journal of Proteome Research, 2013, 12, 2679-2689.	1.8	33
139	Formation of S-(carboxymethyl)-cysteine in rat liver mitochondrial proteins: effects of caloric and methionine restriction. Amino Acids, 2013, 44, 361-371.	1.2	21
140	Pioglitazone halts axonal degeneration in a mouse model of X-linked adrenoleukodystrophy. Brain, 2013, 136, 2432-2443.	3.7	69
141	Membrane lipid unsaturation as physiological adaptation to animal longevity. Frontiers in Physiology, 2013, 4, 372.	1.3	79
142	Non-Enzymatic Modification of Aminophospholipids by Carbonyl-Amine Reactions. International Journal of Molecular Sciences, 2013, 14, 3285-3313.	1.8	34
143	A salmon peptide diet alleviates experimental colitis as compared with fish oil. Journal of Nutritional Science, 2013, 2, e2.	0.7	14
144	Tâ€type calcium channel blockers inhibit autophagy and promote apoptosis of malignant melanoma cells. Pigment Cell and Melanoma Research, 2013, 26, 874-885.	1.5	57

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145	Dietary supplementation of krill oil attenuates inflammation and oxidative stress in experimental ulcerative colitis in rats. Scandinavian Journal of Gastroenterology, 2012, 47, 49-58.	0.6	58
146	Cellular Dysfunction in Diabetes as Maladaptive Response to Mitochondrial Oxidative Stress. Experimental Diabetes Research, 2012, 2012, 1-14.	3.8	99
147	Amyloid Generation and Dysfunctional Immunoproteasome Activation with Disease Progression in Animal Model of Familial Alzheimer's Disease. Brain Pathology, 2012, 22, 636-653.	2.1	95
148	Functional expression of voltageâ€gated calcium channels in human melanoma. Pigment Cell and Melanoma Research, 2012, 25, 200-212.	1.5	47
149	Oxidative stress underlying axonal degeneration in adrenoleukodystrophy: A paradigm for multifactorial neurodegenerative diseases?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1475-1488.	1.8	84
150	Lipidome analysis in multiple sclerosis reveals protein lipoxidative damage as a potential pathogenic mechanism. Journal of Neurochemistry, 2012, 123, 622-634.	2.1	79
151	Effects of aging and methionine restriction applied at old age on ROS generation and oxidative damage in rat liver mitochondria. Biogerontology, 2012, 13, 399-411.	2.0	62
152	Fish oil and 3-thia fatty acid have additive effects on lipid metabolism but antagonistic effects on oxidative damage when fed to rats for 50 weeks. Journal of Nutritional Biochemistry, 2012, 23, 1384-1393.	1.9	29
153	dj-1Î² regulates oxidative stress, insulin-like signaling and development in Drosophila melanogaster. Cell Cycle, 2012, 11, 3876-3886.	1.3	25
154	Plant-Derived Phenolics Inhibit the Accrual of Structurally Characterised Protein and Lipid Oxidative Modifications. PLoS ONE, 2012, 7, e43308.	1.1	10
155	Stanozolol treatment decreases the mitochondrial ROS generation and oxidative stress induced by acute exercise in rat skeletal muscle. Journal of Applied Physiology, 2011, 110, 661-669.	1.2	36
156	Regulation of Membrane Unsaturation as Antioxidant Adaptive Mechanism in Long-lived Animal Species. Free Radicals and Antioxidants, 2011, 1, 3-12.	0.2	9
157	Multicompartmental LC-Q-TOF-Based Metabonomics as an Exploratory Tool to Identify Novel Pathways Affected by Polyphenol-Rich Diets in Mice. Journal of Proteome Research, 2011, 10, 3501-3512.	1.8	39
158	Prefrontal cortex, caloric restriction and stress during aging: Studies on dopamine and acetylcholine release, BDNF and working memory. Behavioural Brain Research, 2011, 216, 136-145.	1.2	49
159	Mitochondrial Dysfunction and Oxidative and Endoplasmic Reticulum Stress in Argyrophilic Grain Disease. Journal of Neuropathology and Experimental Neurology, 2011, 70, 253-263.	0.9	18
160	Age-related changes in brain mitochondrial DNA deletion and oxidative stress are differentially modulated by dietary fat type and coenzyme Q10. Free Radical Biology and Medicine, 2011, 50, 1053-1064.	1.3	88
161	Advanced lipoxidation end-products. Chemico-Biological Interactions, 2011, 192, 14-20.	1.7	147
162	Molecular and structural antioxidant defenses against oxidative stress in animals. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R843-R863.	0.9	243

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163	Forty percent methionine restriction lowers DNA methylation, complex I ROS generation, and oxidative damage to mtDNA and mitochondrial proteins in rat heart. Journal of Bioenergetics and Biomembranes, 2011, 43, 699-708.	1.0	80
164	Cell stress induces TDP-43 pathological changes associated with ERK1/2 dysfunction: implications in ALS. Acta Neuropathologica, 2011, 122, 259-270.	3.9	92
165	An evolutionary comparative scan for longevity-related oxidative stress resistance mechanisms in homeotherms. Biogerontology, 2011, 12, 409-435.	2.0	59
166	Antioxidants halt axonal degeneration in a mouse model of Xâ€adrenoleukodystrophy. Annals of Neurology, 2011, 70, 84-92.	2.8	122
167	Oxidative Damage Compromises Energy Metabolism in the Axonal Degeneration Mouse Model of X-Adrenoleukodystrophy. Antioxidants and Redox Signaling, 2011, 15, 2095-2107.	2.5	78
168	Mitochondrial DNA Damage and Animal Longevity: Insights from Comparative Studies. Journal of Aging Research, 2011, 2011, 1-9.	0.4	25
169	Mitochondria and Ageing. Journal of Aging Research, 2011, 2011, 1-3.	0.4	65
170	Effects of Increased Iron Intake During the Neonatal Period on the Brain of Adult AÎ²PP/PS1 Transgenic Mice. Journal of Alzheimer's Disease, 2010, 19, 1069-1080.	1.2	18
171	Pathological aspects of lipid peroxidation. Free Radical Research, 2010, 44, 1125-1171.	1.5	344
172	Coenzyme Q addition to an n-6 PUFA-rich diet resembles benefits on age-related mitochondrial DNA deletion and oxidative stress of a MUFA-rich diet in rat heart. Mechanisms of Ageing and Development, 2010, 131, 38-47.	2.2	47
173	Depletion of oxidative and endoplasmic reticulum stress regulators in Pick disease. Free Radical Biology and Medicine, 2010, 48, 1302-1310.	1.3	13
174	Biomarkers of aging in Drosophila. Aging Cell, 2010, 9, 466-477.	3.0	76
175	Mitochondrial ATPâ€synthase in the Entorhinal Cortex Is a Target of Oxidative Stress at Stages I/II of Alzheimer's Disease Pathology. Brain Pathology, 2010, 20, 222-233.	2.1	127
176	Protein Targets of Oxidative Damage in Human Neurodegenerative Diseases with Abnormal Protein Aggregates. Brain Pathology, 2010, 20, 281-297.	2.1	184
177	Mitochondrial DNA Mutations Induce Mitochondrial Dysfunction, Apoptosis and Sarcopenia in Skeletal Muscle of Mitochondrial DNA Mutator Mice. PLoS ONE, 2010, 5, e11468.	1.1	225
178	Valproic acid induces antioxidant effects in X-linked adrenoleukodystrophy. Human Molecular Genetics, 2010, 19, 2005-2014.	1.4	90
179	The Î²-Blocker Atenolol Lowers the Longevity-Related Degree of Fatty Acid Unsaturation, Decreases Protein Oxidative Damage, and Increases Extracellular Signal-Regulated Kinase Signaling in the Heart of C57BL/6 Mice. Rejuvenation Research, 2010, 13, 683-693.	0.9	11
180	Expression of the yeast NADH dehydrogenase Ndi1 in Drosophila confers increased lifespan independently of dietary restriction. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9105-9110.	3.3	132

#	Article	IF	Citations
181	Modification of brain lipids but not phenotype in Î±-synucleinopathy transgenic mice by long-term dietary n-3 fatty acids. Neurochemistry International, 2010, 56, 318-328.	1.9	16
182	When cholesterol is not cholesterol: a note on the enzymatic determination of its concentration in model systems containing vegetable extracts. Lipids in Health and Disease, 2010, 9, 65.	1.2	3
183	Hyperglycemia and Glycation in Diabetic Complications. Antioxidants and Redox Signaling, 2009, 11, 3071-3109.	2.5	321
184	Effect of 40% restriction of dietary amino acids (except methionine) on mitochondrial oxidative stress and biogenesis, AIF and SIRT1 in rat liver. Biogerontology, 2009, 10, 579-592.	2.0	51
185	Effect of methionine dietary supplementation on mitochondrial oxygen radical generation and oxidative DNA damage in rat liver and heart. Journal of Bioenergetics and Biomembranes, 2009, 41, 309-321.	1.0	61
186	Dietary antioxidants interfere with Amplex Red-coupled-fluorescence assays. Biochemical and Biophysical Research Communications, 2009, 388, 443-449.	1.0	32
187	Forty Percent Methionine Restriction Decreases Mitochondrial Oxygen Radical Production and Leak at Complex I During Forward Electron Flow and Lowers Oxidative Damage to Proteins and Mitochondrial DNA in Rat Kidney and Brain Mitochondria. Rejuvenation Research, 2009, 12, 421-434.	0.9	96
188	Cell Death and Learning Impairment in Mice Caused by in Vitro Modified Pro-NGF Can Be Related to Its Increased Oxidative Modifications in Alzheimer Disease. American Journal of Pathology, 2009, 175, 2574-2585.	1.9	31
189	Forty percent and eighty percent methionine restriction decrease mitochondrial ROS generation and oxidative stress in rat liver. Biogerontology, 2008, 9, 183-196.	2.0	106
190	Maillard Reaction versus Other Nonenzymatic Modifications in Neurodegenerative Processes. Annals of the New York Academy of Sciences, 2008, 1126, 315-319.	1.8	15
191	Increased oxidation, glycoxidation, and lipoxidation of brain proteins in prion disease. Free Radical Biology and Medicine, 2008, 45, 1159-1166.	1.3	74
192	Membrane phospholipids, lipoxidative damage and molecular integrity: A causal role in aging and longevity. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1249-1262.	0.5	293
193	Inhibition of renin angiotensin system decreases renal protein oxidative damage in diabetic rats. Biochemical and Biophysical Research Communications, 2008, 368, 528-535.	1.0	25
194	Effect of Every Other Day Feeding on Mitochondrial Free Radical Production and Oxidative Stress in Mouse Liver. Rejuvenation Research, 2008, 11, 621-629.	0.9	37
195	Early oxidative damage underlying neurodegeneration in X-adrenoleukodystrophy. Human Molecular Genetics, 2008, 17, 1762-1773.	1.4	181
196	Type-Dependent Oxidative Damage in Frontotemporal Lobar Degeneration: Cortical Astrocytes Are Targets of Oxidative Damage. Journal of Neuropathology and Experimental Neurology, 2008, 67, 1122-1136.	0.9	46
197	Methylglyoxal induces advanced glycation end product (AGEs) formation and dysfunction of PDGF receptorâ€Î²: implications for diabetic atherosclerosis. FASEB Journal, 2007, 21, 3096-3106.	0.2	112
198	Oxidative and endoplasmic reticulum stress interplay in sporadic amyotrophic lateral sclerosis. Brain, 2007, 130, 3111-3123.	3.7	296

#	Article	IF	Citations
199	Dietary Protein Restriction Decreases Oxidative Protein Damage, Peroxidizability Index, and Mitochondrial Complex I Content in Rat Liver. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 352-360.	1.7	96
200	Highly resistant macromolecular components and low rate of generation of endogenous damage: Two key traits of longevity. Ageing Research Reviews, 2007, 6, 189-210.	5.0	117
201	Life and Death: Metabolic Rate, Membrane Composition, and Life Span of Animals. Physiological Reviews, 2007, 87, 1175-1213.	13.1	732
202	Methionine Restriction Decreases Endogenous Oxidative Molecular Damage and Increases Mitochondrial Biogenesis and Uncoupling Protein 4 in Rat Brain. Rejuvenation Research, 2007, 10, 473-484.	0.9	76
203	25.2. Lipoxidative damage in the comparative biology of aging. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, S112-S113.	0.8	0
204	Effect of graded corticosterone treatment on aging-related markers of oxidative stress in rat liver mitochondria. Biogerontology, 2007, 8, 1-11.	2.0	31
205	Effect of 8.5% and 25% caloric restriction on mitochondrial free radical production and oxidative stress in rat liver. Biogerontology, 2007, 8, 555-566.	2.0	52
206	Effects of fasting on oxidative stress in rat liver mitochondria. Free Radical Research, 2006, 40, 339-347.	1.5	88
207	Mitochondrial oxidative stress, aging and caloric restriction: The protein and methionine connection. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 496-508.	0.5	225
208	Methionine restriction decreases mitochondrial oxygen radical generation and leak as well as oxidative damage to mitochondrial DNA and proteins. FASEB Journal, 2006, 20, 1064-1073.	0.2	217
209	Effect of experimental and cold exposure induced hyperthyroidism on H2O2 production and susceptibility to oxidative stress of rat liver mitochondria. Archives of Biochemistry and Biophysics, 2006, 447, 11-22.	1.4	31
210	Flight Activity, Mortality Rates, and Lipoxidative Damage in Drosophila. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 136-145.	1.7	76
211	Glial fibrillary acidic protein is a major target of glycoxidative and lipoxidative damage in Pick's disease. Journal of Neurochemistry, 2006, 99, 177-185.	2.1	48
212	Is the Mitochondrial Free Radical Theory of Aging Intact?. Antioxidants and Redox Signaling, 2006, 8, 582-599.	2.5	221
213	Differential effects of experimental and cold-induced hyperthyroidism on factors inducing rat liver oxidative damage. Journal of Experimental Biology, 2006, 209, 817-825.	0.8	47
214	Protein methionine content and MDA-lysine adducts are inversely related to maximum life span in the heart of mammals. Mechanisms of Ageing and Development, 2005, 126, 1106-1114.	2.2	60
215	Effect of insulin and growth hormone on rat heart and liver oxidative stress in control and caloric restricted animals. Biogerontology, 2005, 6, 15-26.	2.0	64
216	Protein and lipid oxidative damage and complex I content are lower in the brain of budgerigar and canaries than in mice. Relation to aging rate. Age, 2005, 27, 267-280.	3.0	63

#	Article	IF	Citations
217	Proteins in Human Brain Cortex Are Modified by Oxidation, Glycoxidation, and Lipoxidation. Journal of Biological Chemistry, 2005, 280, 21522-21530.	1.6	246
218	Evidence of Oxidative Stress in the Neocortex in Incidental Lewy Body Disease. Journal of Neuropathology and Experimental Neurology, 2005, 64, 816-830.	0.9	222
219	Advanced glycation end products in urine: Are some sugar-derived products better than others?. Translational Research, 2004, 144, 58-59.	2.4	0
220	Effect of ageing and caloric restriction on specific markers of protein oxidative damage and membrane peroxidizability in rat liver mitochondria. Mechanisms of Ageing and Development, 2004, 125, 529-538.	2.2	69
221	Modification of the longevity-related degree of fatty acid unsaturation modulates oxidative damage to proteins and mitochondrial DNA in liver and brain. Experimental Gerontology, 2004, 39, 725-733.	1.2	64
222	Protein nonenzymatic modifications and proteasome activity in skeletal muscle from the short-lived rat and long-lived pigeon. Experimental Gerontology, 2004, 39, 1527-1535.	1.2	37
223	Cold-induced hyperthyroidism produces oxidative damage in rat tissues and increases susceptibility to oxidants. International Journal of Biochemistry and Cell Biology, 2004, 36, 1319-1331.	1.2	45
224	A signalling role for 4-hydroxy-2-nonenal in regulation of mitochondrial uncoupling. EMBO Journal, 2003, 22, 4103-4110.	3.5	519
225	Protein modification by advanced Maillard adducts can be modulated by dietary polyunsaturated fatty acids. Biochemical Society Transactions, 2003, 31, 1403-1405.	1.6	25
226	Chemical and Immunological Characterization of Oxidative Nonenzymatic Protein Modifications in Dialysis Fluids. Peritoneal Dialysis International, 2003, 23, 23-32.	1.1	11
227	Aging Rate, Mitochondrial Free Radical Production, and Constitutive Sensitivity to Lipid Peroxidation: Insights From Comparative Studies. , 2003, , 47-64.		12
228	Chemical and immunological characterization of oxidative nonenzymatic protein modifications in dialysis fluids. Peritoneal Dialysis International, 2003, 23, 23-32.	1.1	5
229	Aging Increases N epsilon -(Carboxymethyl)lysine and Caloric Restriction Decreases N epsilon -(Carboxyethyl)lysine and N epsilon -(Malondialdehyde)lysine in Rat Heart Mitochondrial Proteins. Free Radical Research, 2002, 36, 47-54.	1.5	53
230	Advanced Glycation End Product Precursors Impair Epidermal Growth Factor Receptor Signaling. Diabetes, 2002, 51, 1535-1542.	0.3	90
231	Oxidative damage and phospholipid fatty acyl composition in skeletal muscle mitochondria from mice underexpressing or overexpressing uncoupling protein 3. Biochemical Journal, 2002, 368, 597-603.	1.7	168
232	Oxidative, glycoxidative and lipoxidative damage to rat heart mitochondrial proteins is lower after 4 months of caloric restriction than in age-matched controls. Mechanisms of Ageing and Development, 2002, 123, 1437-1446.	2.2	117
233	Membrane Fatty Acid Unsaturation, Protection against Oxidative Stress, and Maximum Life Span. Annals of the New York Academy of Sciences, 2002, 959, 475-490.	1.8	233
234	Protein oxidative stress in dialysis patients. Advances in Peritoneal Dialysis Conference on Peritoneal Dialysis, 2002, 18, 15-7.	0.1	7

#	Article	IF	Citations
235	Correlation of fatty acid unsaturation of the major liver mitochondrial phospholipid classes in mammals to their maximum life span potential. Lipids, 2001, 36, 491-498.	0.7	58
236	Influence of hyper- and hypothyroidism on lipid peroxidation, unsaturation of phospholipids, glutathione system and oxidative damage to nuclear and mitochondrial DNA in mice skeletal muscle. Molecular and Cellular Biochemistry, 2001, 221, 41-48.	1.4	55
237	Effect of the degree of fatty acid unsaturation of rat heart mitochondria on their rates of H2O2 production and lipid and protein oxidative damage. Mechanisms of Ageing and Development, 2001, 122, 427-443.	2.2	53
238	Low Fatty Acid Unsaturation: A Mechanism for Lowered Lipoperoxidative Modification of Tissue Proteins in Mammalian Species With Long Life Spans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, B286-B291.	1.7	82
239	Double bond content of phospholipids and lipid peroxidation negatively correlate with maximum longevity in the heart of mammals. Mechanisms of Ageing and Development, 2000, 112, 169-183.	2.2	107
240	Heart fatty acid unsaturation and lipid peroxidation, and aging rate, are lower in the canary and the parakeet than in the mouse. Aging Clinical and Experimental Research, 1999, 11, 44-49.	1.4	53
241	Diabetes induces an impairment in the proteolytic activity against oxidized proteins and a heterogeneous effect in nonenzymatic protein modifications in the cytosol of rat liver and kidney. Diabetes, 1999, 48, 2215-2220.	0.3	65
242	A low degree of fatty acid unsaturation leads to lower lipid peroxidation and lipoxidation-derived protein modification in heart mitochondria of the longevous pigeon than in the short-lived rat. Mechanisms of Ageing and Development, 1999, 106, 283-296.	2.2	119
243	Effect of thyroid status on lipid composition and peroxidation in the mouse liver. Free Radical Biology and Medicine, 1999, 26, 73-80.	1.3	90
244	Thyroid status modulates glycoxidative and lipoxidative modification of tissue proteins. Free Radical Biology and Medicine, 1999, 27, 901-910.	1.3	45
245	Heart fatty acid unsaturation and lipid peroxidation, and aging rate, are lower in the canary and the parakeet than in the mouse. Aging: Clinical and Experimental Research, 1999, 11, 44-9.	0.3	13
246	Relationship between Fatty Acid Unsaturation, Sensitivity to Lipid Peroxidation, and Maximum Life Span in the Liver of Mammals. Annals of the New York Academy of Sciences, 1998, 854, 516-516.	1.8	1
247	Carboxymethylated phosphatidylethanolamine in mitochondrial membranes of mammals. Evidence for intracellular lipid glycoxidation. FEBS Journal, 1998, 255, 685-689.	0.2	29
248	Mitochondrial membrane peroxidizability index is inversely related to maximum life span in mammals. Journal of Lipid Research, 1998, 39, 1989-1994.	2.0	198
249	Mitochondrial membrane peroxidizability index is inversely related to maximum life span in mammals. Journal of Lipid Research, 1998, 39, 1989-94.	2.0	166
250	Glycaemic control and in vivo non-oxidative Maillard reaction: urinary excretion of pyrraline in diabetes patients. European Journal of Clinical Investigation, 1997, 27, 767-773.	1.7	17
251	Low fatty acid unsaturation protects against lipid peroxidation in liver mitochondria from long-lived species: the pigeon and human case. Mechanisms of Ageing and Development, 1996, 86, 53-66.	2.2	131
252	Urinary pyrraline as a biochemical marker of non-oxidative maillard reactions in vivo. Life Sciences, 1996, 60, 279-287.	2.0	19

#	Article	IF	Citations
253	Effect of dietary vitamin E levels on fatty acid profiles and nonenzymatic lipid peroxidation in the guinea pig liver. Lipids, 1996, 31, 963-970.	0.7	29
254	Age-related fluorescence in rat lung collagen. Lung, 1995, 173, 177-85.	1.4	32
255	Evidence for the Maillard reaction in rat lung collagen and its relationship with solubility and age. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1272, 53-60.	1.8	36
256	Chromatographic evidence for amadori product formation in rat liver aminophospholipids. Life Sciences, 1995, 57, 873-879.	2.0	44
257	Dietary vitamin C decreases endogenous protein oxidative damage, malondialdehyde, and lipid peroxidation and maintains fatty acid unsaturation in the guinea pig liver. Free Radical Biology and Medicine, 1994, 17, 105-115.	1.3	90
258	Relationship Between Lipid Peroxidation, Fatty Acid Composition, and Ascorbic Acid in the Liver During Carbohydrate and Caloric Restriction in Mice. Archives of Biochemistry and Biophysics, 1993, 306, 59-64.	1.4	28
259	Mechanisms of glycation in atherogenesis. Medical Hypotheses, 1993, 40, 174-181.	0.8	11
260	Correlation of plasma lipid fractions with colorimetrically determined glycated hemoglobin in a nondiabetic population. Metabolism: Clinical and Experimental, 1989, 38, 1147-1153.	1.5	10
261	Response to Dr. Buschard and colleaguesâ€™ Letter to the Editor: Sulfatide and longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 0, , .	1.7	0
262	Development and Validation of a Personalized, Sex-Specific Prediction Algorithm of Severe Atheromatosis in Middle-Aged Asymptomatic Individuals: The ILERVAS Study. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	1