

Ian James Martins

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,920
citations

331259

21
h-index

276539

41
g-index

75
all docs

75
docs citations

75
times ranked

2792
citing authors

#	ARTICLE	IF	CITATIONS
1	Apolipoprotein E, cholesterol metabolism, diabetes, and the convergence of risk factors for Alzheimer's disease and cardiovascular disease. <i>Molecular Psychiatry</i> , 2006, 11, 721-736.	4.1	334
2	Cholesterol metabolism and transport in the pathogenesis of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2009, 111, 1275-1308.	2.1	211
3	The role of dietary coconut for the prevention and treatment of Alzheimer's disease: potential mechanisms of action. <i>British Journal of Nutrition</i> , 2015, 114, 1-14.	1.2	160
4	Alzheimer's Disease: A Journey from Amyloid Peptides and Oxidative Stress, to Biomarker Technologies and Disease Prevention Strategies—Gains from AIBL and DIAN Cohort Studies. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 965-992.	1.2	96
5	Concordant peripheral lipidome signatures in two large clinical studies of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 5698.	5.8	76
6	Anti-Aging Genes Improve Appetite Regulation and Reverse Cell Senescence and Apoptosis in Global Populations. <i>Advances in Aging Research</i> , 2016, 05, 9-26.	0.3	76
7	Intracellular Localization and Metabolism of Chylomicron Remnants in the Livers of Low Density Lipoprotein Receptor-deficient Mice and ApoE-deficient Mice. <i>Journal of Biological Chemistry</i> , 1995, 270, 28767-28776.	1.6	70
8	Sodium Butyrate Reduces Brain Amyloid- β Levels and Improves Cognitive Memory Performance in an Alzheimer's Disease Transgenic Mouse Model at an Early Disease Stage. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 91-99.	1.2	65
9	Mutation screening of the N-myc downstream-regulated gene 1 (NDRG1) in patients with Charcot-Marie-Tooth Disease. <i>Human Mutation</i> , 2003, 22, 129-135.	1.1	61
10	The Involvement of Lipids in Alzheimer's Disease. <i>Journal of Genetics and Genomics</i> , 2014, 41, 261-274.	1.7	55
11	Single Gene Inactivation with Implications to Diabetes and Multiple Organ Dysfunction Syndrome. <i>Journal of Clinical Epigenetics</i> , 2017, 03, .	0.3	53
12	APOE Genotype Results in Differential Effects on the Peripheral Clearance of Amyloid- β 42 in APOE Knock-in and Knock-out Mice. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 403-409.	1.2	47
13	Obesity and post-prandial lipid metabolism. Feast or famine?. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 130-141.	1.9	46
14	Overnutrition Determines LPS Regulation of Mycotoxin Induced Neurotoxicity in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29554-29573.	1.8	37
15	Serum high-density lipoprotein is associated with better cognitive function in a cross-sectional study of aging women. <i>International Journal of Neuroscience</i> , 2017, 127, 243-252.	0.8	34
16	Effects of a high-fat, high-cholesterol diet on brain lipid profiles in apolipoprotein E ϵ 3 and ϵ 4 knock-in mice. <i>Neurobiology of Aging</i> , 2013, 34, 2217-2224.	1.5	30
17	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. <i>Nature Communications</i> , 2022, 13, .	5.8	30
18	Profiling Brain and Plasma Lipids in Human APOE ϵ 2, ϵ 3, and ϵ 4 Knock-in Mice Using Electrospray Ionization Mass Spectrometry. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 105-111.	1.2	29

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19	Association of Cardiovascular Factors and Alzheimer's Disease Plasma Amyloid- β^2 Protein in Subjective Memory Complainers. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 305-318.	1.2	26
20	Sterol side chain length and structure affect the clearance of chylomicron-like lipid emulsions in rats and mice. <i>Journal of Lipid Research</i> , 1998, 39, 302-312.	2.0	25
21	Induction of NAFLD with Increased Risk of Obesity and Chronic Diseases in Developed Countries. <i>Open Journal of Endocrine and Metabolic Diseases</i> , 2014, 04, 90-110.	0.2	24
22	Bone mineral density, adiposity, and cognitive functions. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 16.	1.7	23
23	Relationships Between Plasma Lipids Species, Gender, Risk Factors, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 303-315.	1.2	23
24	Nutrition Therapy Regulates Caffeine Metabolism with Relevance to NAFLD and Induction of Type 3 Diabetes. <i>Diabetes & Metabolic Disorders</i> , 2017, 4, 1-9.	0.1	23
25	Plasma metabolites associated with biomarker evidence of neurodegeneration in cognitively normal older adults. <i>Journal of Neurochemistry</i> , 2021, 159, 389-402.	2.1	20
26	High Fibre Diets and Alzheimer's Disease. <i>Food and Nutrition Sciences (Print)</i> , 2014, 05, 410-424.	0.2	20
27	Zinc affects the proteolytic stability of Apolipoprotein E in an isoform-dependent way. <i>Neurobiology of Disease</i> , 2015, 81, 38-48.	2.1	16
28	<i>APOE</i> ϵ^2 resilience for Alzheimer's disease is mediated by plasma lipid species: Analysis of three independent cohort studies. <i>Alzheimer's and Dementia</i> , 2022, 18, 2151-2166.	0.4	16
29	The Role of Clinical Proteomics, Lipidomics, and Genomics in the Diagnosis of Alzheimer's Disease. <i>Proteomes</i> , 2016, 4, 14.	1.7	13
30	Heat Shock Gene Inactivation and Protein Aggregation with Links to Chronic Diseases. <i>Diseases (Basel)</i> , 2020, 8, 12.	1.0	12
31	Functional effects of genetic polymorphism in inflammatory genes in subjective memory complainers. <i>Neurobiology of Aging</i> , 2012, 33, 1054-1056.	1.5	11
32	Sirtuin-1 mediates the obesity induced risk of common degenerative diseases: Alzheimer's disease, coronary artery disease and type 2 diabetes. <i>Health</i> , 2012, 04, 1448-1456.	0.1	10
33	Links between Insulin Resistance, Lipoprotein Metabolism and Amyloidosis in Alzheimer's Disease. <i>Health</i> , 2014, 06, 1549-1579.	0.1	10
34	The acceleration of aging and Alzheimer's disease through the biological mechanisms behind obesity and type II diabetes. <i>Health</i> , 2013, 05, 913-920.	0.1	9
35	Magnesium Therapy Prevents Senescence with the Reversal of Diabetes and Alzheimer's Disease. <i>Health</i> , 2016, 08, 694-710.	0.1	9
36	Diet and Nutrition Reverse Type 3 Diabetes and Accelerated Aging Linked to Global Chronic Diseases. <i>Journal of Diabetes Research and Therapy</i> , 2016, 2, .	0.1	8

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37	Bacterial Lipopolysaccharides Change Membrane Fluidity with Relevance to Phospholipid and Amyloid Beta Dynamics in Alzheimer's Disease. <i>Journal of Microbial & Biochemical Technology</i> , 2016, 8, .	0.2	8
38	LPS Regulates Apolipoprotein E and A<i>2</i>; Interactions with Effects on Acute Phase Proteins and Amyloidosis. <i>Advances in Aging Research</i> , 2015, 04, 69-77.	0.3	8
39	The Association Between Alzheimer's Disease-Related Markers and Physical Activity in Cognitively Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 771214.	1.7	8
40	Plasma High Density Lipoprotein Small Subclass is Reduced in Alzheimer's Disease Patients and Correlates with Cognitive Performance. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 733-744.	1.2	7
41	Heat Shock Gene Sirtuin 1 Regulates Post-Prandial Lipid Metabolism with Relevance to Nutrition and Appetite Regulation in Diabetes. <i>International Journal of Diabetes & Clinical Diagnosis</i> , 2016, 3, .	0.2	7
42	Functional Foods and Active molecules with relevance to Health and Chronic disease. <i>Functional Foods in Health and Disease</i> , 2017, 7, 849.	0.3	7
43	Bacterial Lipopolysaccharides and Neuron Toxicity in Neurodegenerative Diseases. <i>Neurology - Research & Surgery</i> , 2018, 1, 1-3.	0.1	7
44	The Future of Genomic Medicine Involves the Maintenance of Sirtuin 1 in Global Populations. <i>International Journal of Molecular Biology Open Access</i> , 2017, 2, .	0.2	6
45	MAGNESIUM DEFICIENCY AND INDUCTION OF NAFLD AND TYPE 3 DIABETES IN AUSTRALASIA. <i>Australasian Medical Journal</i> , 2017, 10, .	0.1	6
46	Presymptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy-Related Blood Metabolite Alterations. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 895-903.	1.2	5
47	Appetite Control and Biotherapy in the Management of Autoimmune Induced Global Chronic Diseases. <i>Clinical Immunology & Research</i> , 2018, 2, .	0.1	5
48	IN VITRO STUDY TO ASSESS THE POTENTIAL OF SHORT CHAIN FATTY ACIDS (SCFA) AS THERAPEUTIC AGENTS FOR ALZHEIMER'S DISEASE. , 2014, 10, P626-P626.		4
49	Indian Spices and Unhealthy Diets interfere with Drug Therapy in Diabetes and Neurodegenerative Diseases. <i>Novel Approaches in Drug Designing & Development</i> , 2018, 3, .	0.1	4
50	Food Quality Induces a Miscible Disease with Relevance to Alzheimer's Disease and Neurological Diseases. <i>Journal of Food Research</i> , 2016, 5, 45.	0.1	3
51	Insulin Therapy and Autoimmune Disease with Relevance to Non Alcoholic Fatty Liver Disease. , 2019, , .		3
52	Indian Spices and Biotherapeutics in Health and Chronic Disease. <i>Health</i> , 2018, 10, 374-380.	0.1	3
53	COVID-19 Infection and Anti-Aging Gene Inactivation. <i>Acta Scientifci Nutritional Health</i> , 2020, 4, 01-02.	0.1	3
54	Sirtuin 1 and Adenosine in Brain Disorder Therapy. <i>Journal of Clinical Epigenetics</i> , 2017, 03, .	0.3	2

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55	Caffeine with Links to NAFLD and Accelerated Brain Aging. , 0, , .		2
56	Genomic Medicine and Endocrine Autoimmunity as Key to Mitochondrial Disease. Global Journal of Endocrinological Metabolism, 2018, 2, .	0.1	2
57	Interactions Between Apo E and Amyloid Beta and their Relationship to Nutriproteomics and Neurodegeneration. Current Proteomics, 2014, 11, 171-183.	0.1	2
58	Body Temperature Regulation Determines Immune Reactions and Species Longevity. Heat Shock Proteins, 2019, , 29-41.	0.2	2
59	Genome-wide study of the human lipidome and links to Alzheimer's disease risk. Alzheimer's and Dementia, 2020, 16, e045600.	0.4	1
60	Avasimibe and Sirt 1 Activators Reverse NAFLD and Obesity. Novel Approaches in Drug Designing & Development, 2017, 1, .	0.1	1
61	Heat Therapy with Relevance to the Reversal of NAFLD and Diabetes. Diabetes & Metabolic Disorders, 2017, 4, 1-3.	0.1	1
62	Apelin and Sirtuin 1 Dysregulation induce Endocrine and Metabolic Disorders in Chronic Disease. Global Journal of Endocrinological Metabolism, 2017, 1, .	0.1	1
63	Identification of concordant plasma lipid signatures in Alzheimer's disease: Validation between two independent studies of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e042275.	0.4	0
64	Introductory Chapter: Sugar Intake and Global Chronic Disease. , 0, , .		0
65	Appetite control is involved in immunotherapy with relevance to cardiovascular disease, NAFLD and diabetes. Journal of Immunological Techniques in Infectious Diseases, 2018, 07, .	0.1	0
66	Infection Control in Medicine with Relevance to Mitophagy and Organ Survival. Acta Scientific Pharmaceutical Sciences, 2019, 3, 30-31.	0.2	0
67	Lipidomic signatures for APOE genotypes provides new insights about mechanisms of resilience in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.4	0