

# Beatrice Arosio

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

4,662  
citations

159585  
30  
h-index

106344  
65  
g-index

94  
all docs

94  
docs citations

94  
times ranked

8619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. <i>Nature Genetics</i> , 2011, 43, 429-435.	21.4	1,708
2	Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. <i>Aging</i> , 2015, 7, 1159-1170.	3.1	276
3	Selective DNA Methylation of BDNF Promoter in Bipolar Disorder: Differences Among Patients with BDI and BDII. <i>Neuropsychopharmacology</i> , 2012, 37, 1647-1655.	5.4	166
4	Interleukin-10 and interleukin-6 gene polymorphisms as risk factors for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2004, 25, 1009-1015.	3.1	131
5	Aloe-Emodin Quinone Pretreatment Reduces Acute Liver Injury Induced by Carbon Tetrachloride. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000, 87, 229-233.	0.0	122
6	Global changes in DNA methylation in Alzheimer's disease peripheral blood mononuclear cells. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 139-144.	4.1	112
7	Exosome Determinants of Physiological Aging and Age-Related Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 232.	3.4	112
8	The -308 (G/A) single nucleotide polymorphism in the TNF- $\alpha$ gene and the risk of major depression in the elderly. <i>International Journal of Geriatric Psychiatry</i> , 2010, 25, 219-223.	2.7	84
9	Quantitative mitochondrial DNA copy number determination using droplet digital PCR with single-cell resolution. <i>Genome Research</i> , 2019, 29, 1878-1888.	5.5	82
10	Cytokine Polymorphisms in the Pathophysiology of Mood Disorders. <i>CNS Spectrums</i> , 2009, 14, 419-425.	1.2	80
11	Tumor necrosis factor- $\alpha$ 308A/G polymorphism is associated with age at onset of Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 567-571.	4.6	78
12	Role of Age-Related Mitochondrial Dysfunction in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5236.	4.1	75
13	Natural aging, expression of fibrosis-related genes and collagen deposition in rat lung. <i>Experimental Gerontology</i> , 2007, 42, 1003-1011.	2.8	69
14	Peripheral Blood Mononuclear Cells as a Laboratory to Study Dementia in the Elderly. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	66
15	CXCR6, a Newly Defined Biomarker of Tissue-Specific Stem Cell Asymmetric Self-Renewal, Identifies More Aggressive Human Melanoma Cancer Stem Cells. <i>PLoS ONE</i> , 2010, 5, e15183.	2.5	65
16	Epigenetic Regulation of Fatty Acid Amide Hydrolase in Alzheimer Disease. <i>PLoS ONE</i> , 2012, 7, e39186.	2.5	64
17	Age-dependent expression of fibrosis-related genes and collagen deposition in the rat myocardium1This study was presented in part at the 49th Annual Meeting of the 'Gerontological Society of America', Washington, November 17-21, 1996.1. <i>Mechanisms of Ageing and Development</i> , 1998, 101, 57-72.	4.6	59
18	The CALHM1 P86L Polymorphism is a Genetic Modifier of Age at Onset in Alzheimer's Disease: a Meta-Analysis Study. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 247-255.	2.6	54

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19	Telomere length and telomerase activity in T cells are biomarkers of high-performing centenarians. <i>Aging Cell</i> , 2019, 18, e12859.	6.7	54
20	Reduced collagenolytic activity of matrix metalloproteinases and development of liver fibrosis in the aging rat. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 413-425.	4.6	48
21	Gut microbiota and physical frailty through the mediation of sarcopenia. <i>Experimental Gerontology</i> , 2019, 124, 110639.	2.8	43
22	Crosstalk between the transcriptional regulation of dopamine D2 and cannabinoid CB1 receptors in schizophrenia: Analyses in patients and in perinatal $\delta^9$ -tetrahydrocannabinol-exposed rats. <i>Pharmacological Research</i> , 2021, 164, 105357.	7.1	43
23	25 Hydroxyvitamin D Deficiency and Its Relationship to Autoimmune Thyroid Disease in the Elderly. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 850.	2.6	40
24	Leukocyte telomere length and prevalence of age-related diseases in semisupercentenarians, centenarians and centenarians' offspring. <i>Experimental Gerontology</i> , 2014, 58, 90-95.	2.8	38
25	The MCP-1 Gene (SCYA2) and Mood Disorders: Preliminary Results of a Case-Control Association Study. <i>NeuroImmunoModulation</i> , 2010, 17, 126-131.	1.8	35
26	Is Delirium the Cognitive Harbinger of Frailty in Older Adults? A Review about the Existing Evidence. <i>Frontiers in Medicine</i> , 2017, 4, 188.	2.6	35
27	Involvement of 5-Lipoxygenase in Alzheimer's Disease: A Role for DNA Methylation. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 3-8.	2.6	34
28	Beta-carotene, telomerase activity and Alzheimer's disease in old age subjects. <i>European Journal of Nutrition</i> , 2020, 59, 119-126.	3.9	34
29	Cognitive status in the oldest old and centenarians: a condition crucial for quality of life methodologically difficult to assess. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 185-194.	4.6	33
30	+10 T/C polymorphisms in the gene of transforming growth factor- $\beta$ 1 are associated with neurodegeneration and its clinical evolution. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 553-557.	4.6	32
31	Leukocyte Telomere Length in Alzheimer's Disease Patients with a Different Rate of Progression. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 761-769.	2.6	32
32	Heterogeneity of Thyroid Function and Impact of Peripheral Thyroxine Deiodination in Centenarians and Semi-Supercentenarians: Association With Functional Status and Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 802-810.	3.6	32
33	Possible Association between SNAP-25 Single Nucleotide Polymorphisms and Alterations of Categorical Fluency and Functional MRI Parameters in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1015-1028.	2.6	31
34	Progranulin gene (GRN) promoter methylation is increased in patients with sporadic frontotemporal lobar degeneration. <i>Neurological Sciences</i> , 2013, 34, 899-903.	1.9	30
35	Protein signature in cerebrospinal fluid and serum of Alzheimer's disease patients: The case of apolipoprotein A-1 proteoforms. <i>PLoS ONE</i> , 2017, 12, e0179280.	2.5	28
36	Incomplete Penetrance of the C9ORF72 Hexanucleotide Repeat Expansions: Frequency in a Cohort of Geriatric Non-Demented Subjects. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 19-22.	2.6	27

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37	Transcriptional and epigenetic phenomena in peripheral blood cells of monozygotic twins discordant for alzheimer's disease, a case report. <i>Journal of the Neurological Sciences</i> , 2017, 372, 211-216.	0.6	27
38	Vitamin E and Alzheimer's disease: the mediating role of cellular aging. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 459-464.	2.9	26
39	Interleukin-10 Production in Response to Amyloid- $\beta^2$ Differs between Slow and Fast Decliners in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 837-842.	2.6	25
40	Eplerenone, a selective aldosterone blocker, improves diastolic function in aged rats with small-to-moderate myocardial infarction. <i>Journal of Cardiac Failure</i> , 2004, 10, 433-441.	1.7	24
41	I405V polymorphism of the cholesteryl ester transfer protein (CETP) gene in young and very old people. <i>Archives of Gerontology and Geriatrics</i> , 2006, 43, 213-221.	3.0	24
42	Particular CSF sphingolipid patterns identify iNPH and AD patients. <i>Scientific Reports</i> , 2018, 8, 13639.	3.3	24
43	Gene promoter methylation and expression of Pin1 differ between patients with frontotemporal dementia and Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2016, 362, 283-286.	0.6	22
44	Adenosine A2A Receptor Expression in Peripheral Blood Mononuclear Cells of Patients with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 991-996.	2.6	20
45	The Frailty Index in centenarians and their offspring. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1685-1688.	2.9	19
46	CHF-1024, a DA2/ $\alpha$ 2 agonist, blunts norepinephrine excretion and cardiac fibrosis in pressure overload. <i>Cardiovascular Drugs and Therapy</i> , 2001, 15, 131-138.	2.6	17
47	GRN Thr272fs Clinical Heterogeneity: A Case with Atypical Late Onset Presenting with a Dementia with Lewy Bodies Phenotype. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 669-674.	2.6	17
48	Impact of vitamin D receptor polymorphisms in centenarians. <i>Endocrine</i> , 2016, 53, 558-564.	2.3	17
49	Thyroid hormones and frailty in persons experiencing extreme longevity. <i>Experimental Gerontology</i> , 2020, 138, 111000.	2.8	17
50	Different Adenosine A2A Receptor Expression in Peripheral Cells from Elderly Patients with Vascular Dementia and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 45-49.	2.6	16
51	Interleukin-10 Promoter Polymorphism in Mild Cognitive Impairment and in Its Clinical Evolution. <i>International Journal of Alzheimer's Disease</i> , 2010, 2010, 1-5.	2.0	15
52	PRNP P39L Variant is a Rare Cause of Frontotemporal Dementia in Italian Population. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 353-357.	2.6	15
53	Apolipoprotein E gene in physiological and pathological aging. <i>Mechanisms of Ageing and Development</i> , 2019, 178, 41-45.	4.6	15
54	Vitamin D in physiological and pathological aging: Lesson from centenarians. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 273-282.	5.7	14

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55	Anti-Inflammatory Effects of Fatty Acid Amide Hydrolase Inhibition in Monocytes/Macrophages from Alzheimer's Disease Patients. <i>Biomolecules</i> , 2021, 11, 502.	4.0	13
56	Acute liver CCl 4 intoxication causes low HSP70 gene expression and a delayed transition through the cell cycle in aged rats. <i>Experimental Gerontology</i> , 2002, 37, 791-801.	2.8	12
57	Adenosine Type A2A Receptor in Peripheral Cell from Patients with Alzheimer's Disease, Vascular Dementia, and Idiopathic Normal Pressure Hydrocephalus: A New/Old Potential Target. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 417-425.	2.6	12
58	LIPA gene mutations affect the composition of lipoproteins: Enrichment in ACAT-derived cholesteryl esters. <i>Atherosclerosis</i> , 2020, 297, 8-15.	0.8	12
59	The sTREM2 Concentrations in the Blood: A Marker of Neurodegeneration?. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 627931.	3.5	12
60	Sarcopenia associates with SNAP-25 SNPs and a miRNAs profile which is modulated by structured rehabilitation treatment. <i>Journal of Translational Medicine</i> , 2021, 19, 315.	4.4	11
61	Adenosine A1 and A2A receptor cross-talk during ageing in the rat myocardium. <i>Experimental Gerontology</i> , 2003, 38, 855-861.	2.8	10
62	SNARE Complex Polymorphisms Associate with Alterations of Visual Selective Attention in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 179-188.	2.6	10
63	Telomeres Increasingly Develop Aberrant Structures in Aging Humans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 230-235.	3.6	10
64	Novel Insight in Idiopathic Normal Pressure Hydrocephalus (iNPH) Biomarker Discovery in CSF. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8034.	4.1	10
65	Sex Differences in Cardiovascular Diseases: A Matter of Estrogens, Ceramides, and Sphingosine 1-Phosphate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4009.	4.1	10
66	Research on Psychoimmunology. <i>World Journal of Biological Psychiatry</i> , 2003, 4, 119-123.	2.6	9
67	Lack of association between Interleukin-18 gene promoter polymorphisms and onset of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 162-164.	3.1	9
68	Adenosine A2A Receptor and IL-10 in Peripheral Blood Mononuclear Cells of Patients with Mild Cognitive Impairment. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-6.	2.0	9
69	Down-regulation of adenosine A1 and A2A receptors in peripheral cells from idiopathic normal-pressure hydrocephalus patients. <i>Journal of the Neurological Sciences</i> , 2016, 361, 196-199.	0.6	9
70	Vitamin D Receptor Polymorphisms in Sex-Frailty Paradox. <i>Nutrients</i> , 2020, 12, 2714.	4.1	9
71	PIN-1 promoter polymorphisms in mild cognitive impairment and susceptibility to Alzheimer's disease: a preliminary report. <i>Aging Clinical and Experimental Research</i> , 2007, 19, 406-409.	2.9	8
72	No association between frailty index and epigenetic clocks in Italian semi-supercentenarians. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111514.	4.6	8

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73	Biological Frailty Index in centenarians. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 687-690.	2.9	8
74	Hypothetical COVID-19 protection mechanism: hints from centenarians. <i>Immunity and Ageing</i> , 2021, 18, 15.	4.2	7
75	Glutathione Pretreatment Lessens the Acute Liver Injury Induced by Carbon Tetrachloride. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997, 81, 164-168.	0.0	6
76	+874(T->A) single nucleotide gene polymorphism does not represent a risk factor for Alzheimer's disease. <i>Immunity and Ageing</i> , 2004, 1, 6.	4.2	6
77	Characterization of Vitamin D Status in Older Persons with Cognitive Impairment. <i>Nutrients</i> , 2022, 14, 1142.	4.1	6
78	Age-Associated Glia Remodeling and Mitochondrial Dysfunction in Neurodegeneration: Antioxidant Supplementation as a Possible Intervention. <i>Nutrients</i> , 2022, 14, 2406.	4.1	6
79	Phenotypic Variability associated with the C9ORF72 Hexanucleotide Repeat Expansion: A Sporadic Case of Frontotemporal Lobar Degeneration with Prodromal Hyposmia and Predominant Semantic Deficits. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 849-855.	2.6	5
80	Can Serum Nitrosoproteome Predict Longevity of Aged Women?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9009.	4.1	5
81	A woman with low HDL cholesterol and corneal opacity. <i>Internal and Emergency Medicine</i> , 2012, 7, 533-537.	2.0	4
82	Reversible Parkinson's Dementia Associated with Withdrawal of Androgen Deprivation Therapy for Prostate Cancer. <i>Journal of the American Geriatrics Society</i> , 2016, 64, e115-e117.	2.6	4
83	A case of right Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 733-737.	2.9	4
84	Asymptomatic carotid plaque and pro-inflammatory genetic profile in the elderly. <i>Aging Clinical and Experimental Research</i> , 2009, 21, 431-436.	2.9	2
85	Possible clinical anatomical features of right Alzheimer's disease (RAD). <i>Aging Clinical and Experimental Research</i> , 2021, 33, 669-671.	2.9	2
86	Novel Insight into the Serum Sphingolipid Fingerprint Characterizing Longevity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2428.	4.1	2
87	VAMP2 Expression and Genotype Are Possible Discriminators in Different Forms of Dementia. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 858162.	3.4	2
88	A posterior variant of corticobasal syndrome: Evidence from a longitudinal study of cognitive and functional status in a single case. <i>Cogent Psychology</i> , 2018, 5, 1452868.	1.3	1
89	Nutrition and Muscle Health. <i>Nutrients</i> , 2021, 13, 797.	4.1	1
90	Familial late-onset Alzheimer's disease: description of an Italian family with four affected siblings and one case of early-onset dementia in the preceding generation. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 991-995.	2.9	0

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91	Editorial: Biomarkers to Disentangle the Physiological From Pathological Brain Aging. Frontiers in Aging Neuroscience, 2020, 12, 88.	3.4	0