

# Michelle Luciano

## List of Publications by Year in descending order

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110  
papers

8,039  
citations

66315

42  
h-index

58549

82  
g-index

119  
all docs

119  
docs citations

119  
times ranked

13048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
3	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	484
4	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
5	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018, 50, 6-11.	9.4	327
6	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642.	6.0	289
7	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
8	Genetic contributions to stability and change in intelligence from childhood to old age. <i>Nature</i> , 2012, 482, 212-215.	13.7	228
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
10	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
11	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182.	1.4	178
12	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
13	Molecular genetic contributions to socioeconomic status and intelligence. <i>Intelligence</i> , 2014, 44, 26-32.	1.6	156
14	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	1.1	144
15	Genomic analysis of family data reveals additional genetic effects on intelligence and personality. <i>Molecular Psychiatry</i> , 2018, 23, 2347-2362.	4.1	131
16	Genetic and environmental influences on human dental variation: A critical evaluation of studies involving twins. <i>Archives of Oral Biology</i> , 2009, 54, S45-S51.	0.8	128
17	Genetics of Cognition: Outline of a Collaborative Twin Study. <i>Twin Research and Human Genetics</i> , 2001, 4, 48-56.	1.3	125
18	Polygenic Risk for Schizophrenia Is Associated with Cognitive Change Between Childhood and Old Age. <i>Biological Psychiatry</i> , 2013, 73, 938-943.	0.7	118

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19	Genome-wide association uncovers shared genetic effects among personality traits and mood states. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 684-695.	1.1	112
20	Mediterranean-type diet and brain structural change from 73 to 76 years in a Scottish cohort. <i>Neurology</i> , 2017, 88, 449-455.	1.5	109
21	Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014, 44, 295-313.	1.4	103
22	Genetic Variance in a Component of the Language Acquisition Device: ROBO1 Polymorphisms Associated with Phonological Buffer Deficits. <i>Behavior Genetics</i> , 2011, 41, 50-57.	1.4	99
23	Genetic Covariation Among Facets of Openness to Experience and General Cognitive Ability. <i>Twin Research and Human Genetics</i> , 2008, 11, 275-286.	0.3	93
24	A Haplotype Spanning KIAA0319 and TTRAP Is Associated with Normal Variation in Reading and Spelling Ability. <i>Biological Psychiatry</i> , 2007, 62, 811-817.	0.7	83
25	Common Variants of Large Effect in F12, KNG1, and HRG Are Associated with Activated Partial Thromboplastin Time. <i>American Journal of Human Genetics</i> , 2010, 86, 626-631.	2.6	81
26	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	6.2	79
27	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons. <i>JAMA Psychiatry</i> , 2018, 75, 949.	6.0	78
28	Genetics of Cognition: Outline of a Collaborative Twin Study. <i>Twin Research and Human Genetics</i> , 2001, 4, 48-56.	1.3	77
29	Cognitive ability at age 11 and 70 years, information processing speed, and APOE variation: The Lothian Birth Cohort 1936 study.. <i>Psychology and Aging</i> , 2009, 24, 129-138.	1.4	77
30	Reverse Causation in the Association Between C-Reactive Protein and Fibrinogen Levels and Cognitive Abilities in an Aging Sample. <i>Psychosomatic Medicine</i> , 2009, 71, 404-409.	1.3	74
31	Dyslexia and DCDC2: normal variation in reading and spelling is associated with DCDC2 polymorphisms in an Australian population sample. <i>European Journal of Human Genetics</i> , 2010, 18, 668-673.	1.4	73
32	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	1.0	71
33	Whole genome association scan for genetic polymorphisms influencing information processing speed. <i>Biological Psychology</i> , 2011, 86, 193-202.	1.1	70
34	Heritability of Head Size in Dutch and Australian Twin Families at Ages 0-50 Years. <i>Twin Research and Human Genetics</i> , 2010, 13, 370-380.	0.3	69
35	Polygenic Risk for Alzheimer's Disease is not Associated with Cognitive Ability or Cognitive Aging in Non-Demented Older People. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 565-574.	1.2	63
36	Multivariate Genetic Analyses of Cognition and Academic Achievement from Two Population Samples of 174,000 and 166,000 School Children. <i>Behavior Genetics</i> , 2012, 42, 699-710.	1.4	62

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37	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
38	Genetic Predictors of Fibrin D-Dimer Levels in Healthy Adults. <i>Circulation</i> , 2011, 123, 1864-1872.	1.6	60
39	A Genetic Investigation of the Covariation Among Inspection Time, Choice Reaction Time, and IQ Subtest Scores. <i>Behavior Genetics</i> , 2004, 34, 41-50.	1.4	59
40	A Systematic Review of Frailty Trajectories: Their Shape and Influencing Factors. <i>Gerontologist</i> , The, 2021, 61, e463-e475.	2.3	57
41	Perceptual speed does not cause intelligence, and intelligence does not cause perceptual speed. <i>Biological Psychology</i> , 2005, 70, 1-8.	1.1	51
42	Depressive symptoms and diet: Their effects on prospective inflammation levels in the elderly. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 717-720.	2.0	46
43	Association of Existing and New Candidate Genes for Anxiety, Depression and Personality Traits in Older People. <i>Behavior Genetics</i> , 2010, 40, 518-532.	1.4	44
44	The association between intelligence and lifespan is mostly genetic. <i>International Journal of Epidemiology</i> , 2016, 45, 178-185.	0.9	42
45	Genetic and environmental bases of reading and spelling: A unified genetic dual route model. <i>Reading and Writing</i> , 2006, 20, 147-171.	1.0	39
46	The genetics of tea and coffee drinking and preference for source of caffeine in a large community sample of Australian twins. <i>Addiction</i> , 2005, 100, 1510-1517.	1.7	38
47	Variants in Doublecortin- and Calmodulin Kinase Like 1, a Gene Up-Regulated by BDNF, Are Associated with Memory and General Cognitive Abilities. <i>PLoS ONE</i> , 2009, 4, e7534.	1.1	38
48	Diabetes and life-long cognitive ability. <i>Journal of Psychosomatic Research</i> , 2013, 75, 275-278.	1.2	35
49	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.	4.1	34
50	Personality Traits and Inflammation in Men and Women in Their Early 70s. <i>Psychosomatic Medicine</i> , 2013, 75, 11-19.	1.3	33
51	Brain Peak Width of Skeletonized Mean Diffusivity (PSMD) and Cognitive Function in Later Life. <i>Frontiers in Psychiatry</i> , 2019, 10, 524.	1.3	33
52	“No Thanks, It Keeps Me Awake” The Genetics of Coffee-Attributed Sleep Disturbance. <i>Sleep</i> , 2007, 30, 1378-1386.	0.6	32
53	Apolipoprotein E is not Related to Memory Abilities at 70 Years of Age. <i>Behavior Genetics</i> , 2009, 39, 6-14.	1.4	32
54	Effects of dopamine receptor D4 variation on alcohol and tobacco use and on novelty seeking: Multivariate linkage and association analysis. <i>American Journal of Medical Genetics Part A</i> , 2004, 124B, 113-123.	2.4	31

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55	Multivariate Genetic Analysis of Academic Skills of the Queensland Core Skills Test and IQ Highlight the Importance of Genetic g. <i>Twin Research and Human Genetics</i> , 2005, 8, 602-608.	0.3	31
56	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	5.8	31
57	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.5	30
58	Shared genetic aetiology between cognitive ability and cardiovascular disease risk factors: Generation Scotland's Scottish family health study. <i>Intelligence</i> , 2010, 38, 304-313.	1.6	29
59	The relationship of reading ability to creativity: Positive, not negative associations. <i>Learning and Individual Differences</i> , 2013, 26, 171-176.	1.5	27
60	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. <i>Psychological Medicine</i> , 2020, 50, 2526-2535.	2.7	27
61	A Comparison of Twin Birthweight Data From Australia, the Netherlands, the United States, Japan, and South Korea: Are Genetic and Environmental Variations in Birthweight Similar in Caucasians and East Asians?. <i>Twin Research and Human Genetics</i> , 2005, 8, 638-648.	0.3	25
62	Evolutionary conserved longevity genes and human cognitive abilities in elderly cohorts. <i>European Journal of Human Genetics</i> , 2012, 20, 341-347.	1.4	24
63	Refining genome-wide linkage intervals using a meta-analysis of genome-wide association studies identifies loci influencing personality dimensions. <i>European Journal of Human Genetics</i> , 2013, 21, 876-882.	1.4	24
64	Genetic Copy Number Variation and General Cognitive Ability. <i>PLoS ONE</i> , 2012, 7, e37385.	1.1	21
65	Cognitive modelling and the behaviour genetics of reading. <i>Journal of Research in Reading</i> , 2006, 29, 92-103.	1.0	20
66	Inflammation as a risk factor for the development of frailty in the Lothian Birth Cohort 1936. <i>Experimental Gerontology</i> , 2020, 139, 111055.	1.2	19
67	Recently-derived variants of brain-size genes ASPM, MCPH1, CDK5RAP and BRCA1 not associated with general cognition, reading or language. <i>Intelligence</i> , 2008, 36, 689-693.	1.6	18
68	Genetic Variants Associated With Altered Plasma Levels of C-Reactive Protein are not Associated With Late-Life Cognitive Ability in Four Scottish Samples. <i>Behavior Genetics</i> , 2010, 40, 3-11.	1.4	18
69	Interaction of Physical Activity and Personality in the Subjective Wellbeing of Older Adults in Hong Kong and the United Kingdom. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 71.	1.0	18
70	The influence of X chromosome variants on trait neuroticism. <i>Molecular Psychiatry</i> , 2021, 26, 483-491.	4.1	17
71	A Functional Polymorphism under Positive Evolutionary Selection in ADRB2 is Associated with Human Intelligence with Opposite Effects in the Young and the Elderly. <i>Behavior Genetics</i> , 2009, 39, 15-23.	1.4	16
72	Personality Polygenes, Positive Affect, and Life Satisfaction. <i>Twin Research and Human Genetics</i> , 2016, 19, 407-417.	0.3	16

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73	Polygenic risk for coronary artery disease is associated with cognitive ability in older adults. <i>International Journal of Epidemiology</i> , 2016, 45, 433-440.	0.9	16
74	The Influence of Dyslexia Candidate Genes on Reading Skill in Old Age. <i>Behavior Genetics</i> , 2018, 48, 351-360.	1.4	16
75	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020, 30, 4121-4139.	1.6	16
76	Mechanisms of motoric cognitive risk—Hypotheses based on a systematic review and meta-analysis of longitudinal cohort studies of older adults. <i>Alzheimer's and Dementia</i> , 2022, 18, 2413-2427.	0.4	16
77	Exploring the Etiology of the Association Between Birthweight and IQ in an Adolescent Twin Sample. <i>Twin Research and Human Genetics</i> , 2004, 7, 62-71.	1.3	15
78	Genetic Associations Between Fibrinogen and Cognitive Performance in Three Scottish Cohorts. <i>Behavior Genetics</i> , 2011, 41, 691-699.	1.4	13
79	Do personality traits moderate the manifestation of type 2 diabetes genetic risk?. <i>Journal of Psychosomatic Research</i> , 2015, 79, 303-308.	1.2	13
80	Single Nucleotide Polymorphisms Associated with Reading Ability Show Connection to Socio-Economic Outcomes. <i>Behavior Genetics</i> , 2017, 47, 469-479.	1.4	13
81	The Association of Dyslexia and Developmental Speech and Language Disorder Candidate Genes with Reading and Language Abilities in Adults. <i>Twin Research and Human Genetics</i> , 2020, 23, 23-32.	0.3	13
82	Predictors of Mild Cognitive Impairment Stability, Progression, or Reversion in the Lothian Birth Cohort 1936. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 225-232.	1.2	13
83	Multivariate genetic analysis of cognitive abilities in an adolescent twin sample. <i>Australian Journal of Psychology</i> , 2004, 56, 79-88.	1.4	12
84	Longevity candidate genes and their association with personality traits in the elderly. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 192-200.	1.1	12
85	Current Versus Lifetime Depression, APOE Variation, and Their Interaction on Cognitive Performance in Younger and Older Adults. <i>Psychosomatic Medicine</i> , 2015, 77, 480-492.	1.3	11
86	Analyzing dynamic change in children's socioemotional development using the strengths and difficulties questionnaire in a large United Kingdom longitudinal study.. , 2022, 131, 162-171.		11
87	No Association Between Cholinergic Muscarinic Receptor 2 (CHRM2) Genetic Variation and Cognitive Abilities in Three Independent Samples. <i>Behavior Genetics</i> , 2009, 39, 513-523.	1.4	10
88	Polygenic risks for joint developmental trajectories of internalizing and externalizing problems: findings from the ALSPAC cohort. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 948-956.	3.1	10
89	QTLs Identified for P3 Amplitude in a Non-Clinical Sample: Importance of Neurodevelopmental and Neurotransmitter Genes. <i>Biological Psychiatry</i> , 2008, 63, 864-873.	0.7	9
90	Testing replication of a 5-SNP set for general cognitive ability in six population samples. <i>European Journal of Human Genetics</i> , 2008, 16, 1388-1395.	1.4	8

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91	Childhood cognitive ability moderates later-life manifestation of type 2 diabetes genetic risk.. Health Psychology, 2015, 34, 915-919.	1.3	7
92	Exome Sequencing to Detect Rare Variants Associated With General Cognitive Ability: A Pilot Study. Twin Research and Human Genetics, 2015, 18, 117-125.	0.3	7
93	Heterogeneity of Frailty Trajectories and Associated Factors in the Lothian Birth Cohort 1936. Gerontology, 2022, 68, 861-868.	1.4	7
94	Effects of gene copy number variants on personality and mood in ageing cohorts. Personality and Individual Differences, 2012, 53, 393-397.	1.6	6
95	Links between perinatal risk factors and maternal psychological distress: A network analysis. Acta Obstetrica Et Gynecologica Scandinavica, 2021, 100, 917-926.	1.3	6
96	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. Brain, 2022, 145, 1992-2007.	3.7	6
97	SNP Sets and Reading Ability: Testing Confirmation of a 10-SNP Set in a Population Sample. Twin Research and Human Genetics, 2011, 14, 228-232.	0.3	5
98	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. Twin Research and Human Genetics, 2015, 18, 738-745.	0.3	4
99	Making Reading Easier: How Genetic Information Can Help. Policy Insights From the Behavioral and Brain Sciences, 2017, 4, 147-154.	1.4	4
100	Longitudinal effects of breast feeding on parent-reported child behaviour. Archives of Disease in Childhood, 2021, 106, 355-360.	1.0	4
101	Genetic Structure of IQ, Phonemic Decoding Skill, and Academic Achievement. Frontiers in Genetics, 2019, 10, 195.	1.1	3
102	Apolipoprotein E and Depressive Symptoms. Psychosomatic Medicine, 2014, 76, 98-100.	1.3	2
103	A symptom level perspective on reactive and proactive aggressive behaviours and ADHD symptoms in childhood. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 1017-1026.	3.1	2
104	Bio-marking the course of cognitive ability: Inflammatory marker effects in early adulthood, do they last?. Brain, Behavior, and Immunity, 2010, 24, 866-867.	2.0	1
105	Commentary on Latvala et al. (2016): What can genetic cognitive epidemiology tell us about substance misuse and addiction?. Addiction, 2016, 111, 1823-1824.	1.7	1
106	Exploring the Etiology of the Association Between Birthweight and IQ in an Adolescent Twin Sample. , 0, .		1
107	Mediterranean-Type Diet and Brain Structural Change from 73 to 79 Years in the Lothian Birth Cohort 1936. Journal of Nutrition, Health and Aging, 2022, 26, 368-372.	1.5	1
108	Mediating Factors in Within-Person Developmental Cascades of Externalising, Internalising and ADHD Symptoms in Childhood. Research on Child and Adolescent Psychopathology, 2022, , 1.	1.4	1

#	ARTICLE	IF	CITATIONS
109	Authors'™ Response to Kaufman and Muntaner. <i>International Journal of Epidemiology</i> , 2016, 45, 578-579.	0.9	0
110	The Genetics of Reading and Language. <i>Twin Research and Human Genetics</i> , 2020, 23, 101-102.	0.3	0