

# Diego A. Forero

## List of Publications by Year in descending order

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106  
papers

2,721  
citations

172457

29  
h-index

223800

46  
g-index

113  
all docs

113  
docs citations

113  
times ranked

5315  
citing authors

#	ARTICLE	IF	CITATIONS
1	An in silico analysis of genome-wide expression profiles of the effects of exhaustive exercise identifies heat shock proteins as the key players. <i>Meta Gene</i> , 2022, 31, 101012.	0.6	1
2	A Bioinformatics-Assisted Review on Iron Metabolism and Immune System to Identify Potential Biomarkers of Exercise Stress-Induced Immunosuppression. <i>Biomedicines</i> , 2022, 10, 724.	3.2	10
3	Global perspectives and recommendations for curriculum design in academic programs in the health sciences. <i>Educacion Medica</i> , 2022, 23, 100728.	0.3	1
4	Central and Peripheral Immune Dysregulation in Posttraumatic Stress Disorder: Convergent Multi-Omics Evidence. <i>Biomedicines</i> , 2022, 10, 1107.	3.2	4
5	Common genes and pathways involved in the response to stressful stimuli by astrocytes: A meta-analysis of genome-wide expression studies. <i>Genomics</i> , 2021, 113, 669-680.	2.9	3
6	Metabolic Basis of Creatine in Health and Disease: A Bioinformatics-Assisted Review. <i>Nutrients</i> , 2021, 13, 1238.	4.1	50
7	Molecular genetics of substance use disorders: An umbrella review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 358-369.	6.1	38
8	A Convergent Functional Genomics Analysis to Identify Biological Regulators Mediating Effects of Creatine Supplementation. <i>Nutrients</i> , 2021, 13, 2521.	4.1	6
9	Sarcopenia: Etiology, Nutritional Approaches, and miRNAs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9724.	4.1	52
10	The importance of adherence to international standards for depositing open data in public repositories. <i>BMC Research Notes</i> , 2021, 14, 405.	1.4	12
11	Convergent functional genomics of cocaine misuse in humans and animal models. <i>American Journal of Drug and Alcohol Abuse</i> , 2020, 46, 22-30.	2.1	12
12	Current trends and future perspectives for medical education in Colombia. <i>Medical Teacher</i> , 2020, 42, 17-23.	1.8	4
13	Scientific productivity in neurosciences in Latin America: a scientometrics perspective. <i>International Journal of Neuroscience</i> , 2020, 130, 398-406.	1.6	18
14	Impact of genome plasticity on health and disease. , 2020, , 1-6.		0
15	Genome plasticity and neuropsychiatric disorders. , 2020, , 191-210.		1
16	A brief guide to the science and art of writing manuscripts in biomedicine. <i>Journal of Translational Medicine</i> , 2020, 18, 425.	4.4	23
17	Functional Genomics of Epileptogenesis in Animal Models and Humans. <i>Cellular and Molecular Neurobiology</i> , 2020, 41, 1579-1587.	3.3	3
18	Integrative In Silico Analysis of Genome-Wide DNA Methylation Profiles in Schizophrenia. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1887-1893.	2.3	10

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19	Recommendations for working from home during the COVID-19 pandemic (and beyond). <i>Work</i> , 2020, 66, 371-375.	1.1	55
20	A functional SNP in the synaptic SNAP25 gene is associated with impulsivity in a Colombian sample. <i>Biotech</i> , 2020, 10, 134.	2.2	3
21	Association between resilience and a functional polymorphism in the serotonin transporter (SLC6A4) gene: A meta-analysis. <i>EXCLI Journal</i> , 2020, 19, 1174-1183.	0.7	6
22	Association Between a Functional Polymorphism in the Monoamine Oxidase A (MAOA) Gene and Both Emotional Coping Style and Neuroticism. <i>The Open Neurology Journal</i> , 2020, 14, 10-14.	0.4	1
23	<scp>TERT</scp> inhibition leads to reduction of <scp>IL</scp>â€6 expression induced by palmitic acid and interferes with the protective effects of tibolone in an astrocytic cell model. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12768.	2.6	8
24	qPCR-based methods for expression analysis of miRNAs. <i>BioTechniques</i> , 2019, 67, 192-199.	1.8	85
25	Ten simple rules for carrying out and writing meta-analyses. <i>PLoS Computational Biology</i> , 2019, 15, e1006922.	3.2	43
26	Predatory journals: Do not judge journals by their Editorial Board Members. <i>Medical Teacher</i> , 2019, 41, 691-696.	1.8	19
27	Tibolone attenuates inflammatory response by palmitic acid and preserves mitochondrial membrane potential in astrocytic cells through estrogen receptor beta. <i>Molecular and Cellular Endocrinology</i> , 2019, 486, 65-78.	3.2	36
28	Coping Strategies in Male Patients under Treatment for Substance Use Disorders and/or Severe Mental Illness: Influence in Clinical Course at One-Year Follow-Up. <i>Journal of Clinical Medicine</i> , 2019, 8, 1972.	2.4	16
29	A Review of Freely Available, Open-Source Software for the Automated Analysis of the Behavior of Adult Zebrafish. <i>Zebrafish</i> , 2019, 16, 223-232.	1.1	36
30	Telomere length and childhood trauma in Colombians with depressive symptoms. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 194-198.	1.7	9
31	Network analysis of multiple risk factors for mental health in young Colombian adults. <i>Journal of Mental Health</i> , 2019, 28, 153-160.	1.9	18
32	Perceived Stress as a Mediator of the Relationship between Neuroticism and Depression and Anxiety Symptoms. <i>Current Psychology</i> , 2019, 38, 66-74.	2.8	48
33	Available Software for Meta-Analyses of Genome-Wide Expression Studies. <i>Current Genomics</i> , 2019, 20, 325-331.	1.6	6
34	Anxiety-related Endophenotypes and Hazardous Alcohol Use in Young Adults are Associated with a Functional Polymorphism in the SLC6A4 Gene. <i>The Open Neurology Journal</i> , 2019, 13, 83-91.	0.4	0
35	Effect of master mixes on the measurement of telomere length by qPCR. <i>Molecular Biology Reports</i> , 2018, 45, 633-638.	2.3	11
36	Cover Image, Volume 177B, Number 2, March 2018. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, i.	1.7	0

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37	MTHFR gene methylation is associated with perceived stress in healthy young adults. <i>Psychiatric Genetics</i> , 2018, 28, 41-46.	1.1	6
38	<i>APOE</i> gene and neuropsychiatric disorders and endophenotypes: A comprehensive review. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 126-142.	1.7	28
39	Two dopaminergic genes, <i>DRD4</i> and <i>SLC6A3</i> , are associated with body mass index in a Colombian sample of young adults. <i>Archives of Physiology and Biochemistry</i> , 2018, 124, 330-334.	2.1	5
40	Situation Awareness Performance in Healthy Young Adults Is Associated With a Serotonin Transporter Gene Polymorphism. <i>Psychological Reports</i> , 2018, 121, 877-891.	1.7	1
41	Depressive symptoms are associated with a functional polymorphism in a miR-433 binding site in the <i>FGF20</i> gene. <i>Molecular Brain</i> , 2018, 11, 53.	2.6	4
42	The Psychological Science Accelerator: Advancing Psychology Through a Distributed Collaborative Network. <i>Advances in Methods and Practices in Psychological Science</i> , 2018, 1, 501-515.	9.4	203
43	Genome-Wide Expression Profiles for Ischemic Stroke: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3336-3341.	1.6	3
44	Implementing Genomics in the Care of Neuropsychiatric Patients in Latin America. , 2018, , 101-130.		2
45	Personality traits and health-related quality of life: the mediator role of coping strategies and psychological distress. <i>Annals of General Psychiatry</i> , 2018, 17, 25.	2.7	21
46	Negative Effects of "Predatory" Journals on Global Health Research. <i>Annals of Global Health</i> , 2018, 84, 584.	2.0	82
47	A Functional Polymorphism in the <i>DRD1</i> Gene, That Modulates Its Regulation by miR-504, Is Associated with Depressive Symptoms. <i>Psychiatry Investigation</i> , 2018, 15, 402-406.	1.6	12
48	Functional genomics of candidate genes derived from genome-wide association studies for five common neurological diseases. <i>International Journal of Neuroscience</i> , 2017, 127, 118-123.	1.6	14
49	Higher scores in the extraversion personality trait are associated with a functional polymorphism in the <i>PER3</i> gene in healthy subjects. <i>Chronobiology International</i> , 2017, 34, 280-286.	2.0	11
50	Neurobiological underpinnings and modulating factors in schizophrenia spectrum disorders with a comorbid substance use disorder: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 361-377.	6.1	23
51	A comprehensive regional analysis of genome-wide expression profiles for major depressive disorder. <i>Journal of Affective Disorders</i> , 2017, 218, 86-92.	4.1	33
52	Substance use and suicide risk in a sample of young Colombian adults: An exploration of psychosocial factors. <i>American Journal on Addictions</i> , 2017, 26, 388-394.	1.4	20
53	Val158Met polymorphism in the <i>COMT</i> gene is associated with hypersomnia and mental health-related quality of life in a Colombian sample. <i>Neuroscience Letters</i> , 2017, 644, 43-47.	2.1	5
54	Personality Traits Related to Binge Drinking: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2017, 8, 134.	2.6	88

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55	Executive Functioning in Men with Schizophrenia and Substance Use Disorders. Influence of Lifetime Suicide Attempts. <i>PLoS ONE</i> , 2017, 12, e0169943.	2.5	39
56	Ten simple rules for international short-term research stays. <i>PLoS Computational Biology</i> , 2017, 13, e1005832.	3.2	3
57	Approaches of the Transcriptomic Analysis in Astrocytes: Potential Pharmacological Targets. <i>Current Pharmaceutical Design</i> , 2017, 23, 4189-4197.	1.9	3
58	Heavy Episodic Drinking or Binge Drinking. , 2016, , 389-397.		5
59	Meta-analysis of Telomere Length in Alzheimer's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1069-1073.	3.6	173
60	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system. <i>Ageing Research Reviews</i> , 2016, 28, 37-45.	10.9	29
61	Loss of Nicastrin from Oligodendrocytes Results in Hypomyelination and Schizophrenia with Compulsive Behavior. <i>Journal of Biological Chemistry</i> , 2016, 291, 11647-11656.	3.4	16
62	BDNF Val66Met Is Associated With Performance in a Computerized Visual-Motor Tracking Test in Healthy Adults. <i>Motor Control</i> , 2016, 20, 122-134.	0.6	7
63	Considerations for higher efficiency and productivity in research activities. <i>BioData Mining</i> , 2016, 9, 35.	4.0	11
64	Association Analysis of Polymorphisms in TOMM40, CR1, PVRL2, SORL1, PICALM, and 14q32.13 Regions in Colombian Alzheimer Disease Patients. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 305-309.	1.3	15
65	Ischemic Stroke and Six Genetic Variants in CRP, EPHX2, FGA, and NOTCH3 Genes: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2284-2289.	1.6	15
66	Personality profile of binge drinking in university students is modulated by sex. A study using the Alternative Five Factor Model. <i>Drug and Alcohol Dependence</i> , 2016, 165, 120-125.	3.2	40
67	Mood stabilizing drugs regulate transcription of immune, neuronal and metabolic pathway genes in <i>Drosophila</i> . <i>Psychopharmacology</i> , 2016, 233, 1751-1762.	3.1	6
68	A functional variant in MIR137, a candidate gene for schizophrenia, affects Stroop test performance in young adults. <i>Psychiatry Research</i> , 2016, 236, 202-205.	3.3	12
69	A network of synaptic genes associated with schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2016, 172, 68-74.	2.0	32
70	Development of Novel High-Resolution Melting-Based Assays for Genotyping Two Alu Insertion Polymorphisms (FXIII B and PV92). <i>Molecular Biotechnology</i> , 2016, 58, 197-201.	2.4	2
71	Telomere length in Parkinson's disease: A meta-analysis. <i>Experimental Gerontology</i> , 2016, 75, 53-55.	2.8	51
72	Current needs for human and medical genomics research infrastructure in low and middle income countries: Table A1. <i>Journal of Medical Genetics</i> , 2016, 53, 438-440.	3.2	19

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73	Functional and Genomic Features of Human Genes Mutated in Neuropsychiatric Disorders. The Open Neurology Journal, 2016, 10, 143-148.	0.4	5
74	Sports genetics: the PPARA gene and athletes' high ability in endurance sports. A systematic review and meta-analysis. Biology of Sport, 2016, 33, 3-6.	3.2	24
75	No Association of <i>BDNF</i> , <i>COMT</i> , <i>MAOA</i> , <i>SLC6A3</i> , and <i>SLC6A4</i> Genes and Depressive Symptoms in a Sample of Healthy Colombian Subjects. Depression Research and Treatment, 2015, 2015, 1-5.	1.3	7
76	A functional SNP in MIR124-1, a brain expressed miRNA gene, is associated with aggressiveness in a Colombian sample. European Psychiatry, 2015, 30, 499-503.	0.2	17
77	Success stories in genomic medicine from resource-limited countries. Human Genomics, 2015, 9, 11.	2.9	41
78	Relative telomere length is associated with a functional polymorphism in the monoamine oxidase A gene in a South American sample. Journal of Genetics, 2015, 94, 305-308.	0.7	5
79	Spurious alternative impact factors: The scale of the problem from an academic perspective. BioEssays, 2015, 37, 474-476.	2.5	60
80	Meta-analysis of six genes (BDNF, DRD1, DRD3, DRD4, GRIN2B and MAOA) involved in neuroplasticity and the risk for alcohol dependence. Drug and Alcohol Dependence, 2015, 149, 259-263.	3.2	42
81	Differences in planning performance, a neurocognitive endophenotype, are associated with a functional variant in <i>PER3</i> gene. Chronobiology International, 2015, 32, 591-595.	2.0	11
82	Lack of association of polymorphisms in six candidate genes in colombian adhd patients. Annals of Neurosciences, 2015, 22, 217-21.	1.7	14
83	Study of five novel non-synonymous polymorphisms in human brain-expressed genes in a colombian sample. Annals of Neurosciences, 2014, 21, 138-43.	1.7	0
84	Functional Polymorphisms in BDNF and COMT Genes Are Associated with Objective Differences in Arithmetical Functioning in a Sample of Young Adults. Neuropsychobiology, 2014, 70, 152-157.	1.9	13
85	Evidence of association between SNAP25 gene and attention deficit hyperactivity disorder in a Latin American sample. ADHD Attention Deficit and Hyperactivity Disorders, 2014, 6, 19-23.	1.7	30
86	A functional polymorphism in the promoter region of MAOA gene is associated with daytime sleepiness in healthy subjects. Journal of the Neurological Sciences, 2014, 337, 176-179.	0.6	27
87	Global Long Interspersed Nuclear Element 1 DNA Methylation in a Colombian Sample of Patients With Late-Onset Alzheimer's Disease. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 50-53.	1.9	46
88	A novel cost-effective assay based on real-time PCR for COMT Val158Met genotyping. Biomarkers, 2014, 19, 567-570.	1.9	7
89	Common functional polymorphisms in SLC6A4 and COMT genes are associated with circadian phenotypes in a South American sample. Neurological Sciences, 2014, 35, 41-47.	1.9	26
90	Study of a Functional Polymorphism in the PER3 Gene and Diurnal Preference in a Colombian Sample. The Open Neurology Journal, 2014, 8, 7-10.	0.4	22

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91	Neuropsychiatric genetics in developing countries: Current challenges. World Journal of Psychiatry, 2014, 4, 69.	2.7	27
92	Sequence analysis of the ADRA2A coding region in children affected by attention deficit hyperactivity disorder. Neurological Sciences, 2013, 34, 2219-2222.	1.9	5
93	A novel association of two non-synonymous polymorphisms in PER2 and PER3 genes with specific diurnal preference subscales. Neuroscience Letters, 2013, 553, 52-56.	2.1	53
94	Optimizing methodologies for PCR-based DNA methylation analysis. BioTechniques, 2013, 55, 181-197.	1.8	143
95	Exploration of genetic susceptibility factors for Parkinson's disease in a South American sample. Journal of Genetics, 2010, 89, 229-232.	0.7	37
96	miRNA genes and the brain: implications for psychiatric disorders. Human Mutation, 2010, 31, 1195-1204.	2.5	64
97	Absence of Lamin A/C gene mutations in four Wiedemann-Rautenstrauch syndrome patients. American Journal of Medical Genetics, Part A, 2009, 149A, 2695-2699.	1.2	19
98	Detailed analysis of the serotonin transporter gene ( <i>SLC6A4</i> ) shows no association with bipolar disorder in the Northern Swedish population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 585-592.	1.7	18
99	Support for NRG1 as a Susceptibility Factor for Schizophrenia in a Northern Swedish Isolated Population. Archives of General Psychiatry, 2009, 66, 828.	12.3	32
100	Candidate genes involved in neural plasticity and the risk for attention-deficit hyperactivity disorder: a meta-analysis of 8 common variants. Journal of Psychiatry and Neuroscience, 2009, 34, 361-6.	2.4	61
101	miRNA DYSFUNCTION IN SCHIZOPHRENIA: GENETIC AND FUNCTIONAL EVIDENCE. Schizophrenia Research, 2008, 102, 185-186.	2.0	0
102	Analysis of functional polymorphisms in three synaptic plasticity-related genes (BDNF, COMT AND TETQ000rgBT/Overlock 10 Tf 50	1.9	52
103	Association study of polymorphisms in LRP1, tau and 5-HTT genes and Alzheimer's disease in a sample of Colombian patients. Journal of Neural Transmission, 2006, 113, 1253-1262.	2.8	22
104	Synaptic dysfunction and oxidative stress in Alzheimer's disease: Emerging mechanisms. Journal of Cellular and Molecular Medicine, 2006, 10, 796-805.	3.6	78
105	Analysis of Common Polymorphisms in Angiotensin-converting Enzyme and Apolipoprotein E Genes and Human Longevity in Colombia. Archives of Medical Research, 2006, 37, 890-894.	3.3	23
106	Functional analysis of glial genome-wide expression. Frontiers in Cellular Neuroscience, 0, 9, .	3.7	0