

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	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
2	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
3	Optimizing methodologies for PCR-based DNA methylation analysis. <i>BioTechniques</i> , 2013, 55, 181-197.	1.8	143
4	Personality Traits Related to Binge Drinking: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2017, 8, 134.	2.6	88
5	qPCR-based methods for expression analysis of miRNAs. <i>BioTechniques</i> , 2019, 67, 192-199.	1.8	85
6	Negative Effects of "Predatory" Journals on Global Health Research. <i>Annals of Global Health</i> , 2018, 84, 584.	2.0	82
7	Synaptic dysfunction and oxidative stress in Alzheimer's disease: Emerging mechanisms. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 796-805.	3.6	78
8	miRNA genes and the brain: implications for psychiatric disorders. <i>Human Mutation</i> , 2010, 31, 1195-1204.	2.5	64
9	Candidate genes involved in neural plasticity and the risk for attention-deficit hyperactivity disorder: a meta-analysis of 8 common variants. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 361-6.	2.4	61
10	Spurious alternative impact factors: The scale of the problem from an academic perspective. <i>BioEssays</i> , 2015, 37, 474-476.	2.5	60
11	Recommendations for working from home during the COVID-19 pandemic (and beyond). <i>Work</i> , 2020, 66, 371-375.	1.1	55
12	A novel association of two non-synonymous polymorphisms in PER2 and PER3 genes with specific diurnal preference subscales. <i>Neuroscience Letters</i> , 2013, 553, 52-56.	2.1	53
13	Analysis of functional polymorphisms in three synaptic plasticity-related genes (BDNF, COMT AND Tj ETQq1 1 0.784314 rgBT / Overlo	1.9	52
14	Sarcopenia: Etiology, Nutritional Approaches, and miRNAs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9724.	4.1	52
15	Telomere length in Parkinson's disease: A meta-analysis. <i>Experimental Gerontology</i> , 2016, 75, 53-55.	2.8	51
16	Metabolic Basis of Creatine in Health and Disease: A Bioinformatics-Assisted Review. <i>Nutrients</i> , 2021, 13, 1238.	4.1	50
17	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
18	Global Long Interspersed Nuclear Element 1 DNA Methylation in a Colombian Sample of Patients With Late-Onset Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 50-53.	1.9	46

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19	Ten simple rules for carrying out and writing meta-analyses. <i>PLoS Computational Biology</i> , 2019, 15, e1006922.	3.2	43
20	Meta-analysis of six genes (BDNF, DRD1, DRD3, DRD4, GRIN2B and MAOA) involved in neuroplasticity and the risk for alcohol dependence. <i>Drug and Alcohol Dependence</i> , 2015, 149, 259-263.	3.2	42
21	Success stories in genomic medicine from resource-limited countries. <i>Human Genomics</i> , 2015, 9, 11.	2.9	41
22	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
23	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
24	Molecular genetics of substance use disorders: An umbrella review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 358-369.	6.1	38
25	Exploration of genetic susceptibility factors for Parkinson's disease in a South American sample. <i>Journal of Genetics</i> , 2010, 89, 229-232.	0.7	37
26	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
27	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
28	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
29	Support for NRG1 as a Susceptibility Factor for Schizophrenia in a Northern Swedish Isolated Population. <i>Archives of General Psychiatry</i> , 2009, 66, 828.	12.3	32
30	A network of synaptic genes associated with schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2016, 172, 68-74.	2.0	32
31	Evidence of association between SNAP25 gene and attention deficit hyperactivity disorder in a Latin American sample. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2014, 6, 19-23.	1.7	30
32	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
33	APOE 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
34	A functional polymorphism in the promoter region of MAOA gene is associated with daytime sleepiness in healthy subjects. <i>Journal of the Neurological Sciences</i> , 2014, 337, 176-179.	0.6	27
35	Neuropsychiatric genetics in developing countries: Current challenges. <i>World Journal of Psychiatry</i> , 2014, 4, 69.	2.7	27
36	Common functional polymorphisms in SLC6A4 and COMT genes are associated with circadian phenotypes in a South American sample. <i>Neurological Sciences</i> , 2014, 35, 41-47.	1.9	26

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37	Sports genetics: the PPARA gene and athletes' high ability in endurance sports. A systematic review and meta-analysis. <i>Biology of Sport</i> , 2016, 33, 3-6.	3.2	24
38	Analysis of Common Polymorphisms in Angiotensin-converting Enzyme and Apolipoprotein E Genes and Human Longevity in Colombia. <i>Archives of Medical Research</i> , 2006, 37, 890-894.	3.3	23
39	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
40	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
41	Association study of polymorphisms in LRP1, tau and 5-HTT genes and Alzheimer's disease in a sample of Colombian patients. <i>Journal of Neural Transmission</i> , 2006, 113, 1253-1262.	2.8	22
42	Study of a Functional Polymorphism in the PER3 Gene and Diurnal Preference in a Colombian Sample. <i>The Open Neurology Journal</i> , 2014, 8, 7-10.	0.4	22
43	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
44	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
45	Absence of Lamin A/C gene mutations in four Wiedemann-Rautenstrauch syndrome patients. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2695-2699.	1.2	19
46	Current needs for human and medical genomics research infrastructure in low and middle income countries: Table 1. <i>Journal of Medical Genetics</i> , 2016, 53, 438-440.	3.2	19
47	Predatory journals: Do not judge journals by their Editorial Board Members. <i>Medical Teacher</i> , 2019, 41, 691-696.	1.8	19
48	Detailed analysis of the serotonin transporter gene (<i>SLC6A4</i>) shows no association with bipolar disorder in the Northern Swedish population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 585-592.	1.7	18
49	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
50	Scientific productivity in neurosciences in Latin America: a scientometrics perspective. <i>International Journal of Neuroscience</i> , 2020, 130, 398-406.	1.6	18
51	A functional SNP in MIR124-1, a brain expressed miRNA gene, is associated with aggressiveness in a Colombian sample. <i>European Psychiatry</i> , 2015, 30, 499-503.	0.2	17
52	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
53	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
54	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

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55	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
56	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
57	Lack of association of polymorphisms in six candidate genes in colombian adhd patients. <i>Annals of Neurosciences</i> , 2015, 22, 217-21.	1.7	14
58	Functional Polymorphisms in BDNF and COMT Genes Are Associated with Objective Differences in Arithmetical Functioning in a Sample of Young Adults. <i>Neuropsychobiology</i> , 2014, 70, 152-157.	1.9	13
59	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
60	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
61	A Functional Polymorphism in the DRD1 Gene, That Modulates Its Regulation by miR-504, Is Associated with Depressive Symptoms. <i>Psychiatry Investigation</i> , 2018, 15, 402-406.	1.6	12
62	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
63	Differences in planning performance, a neurocognitive endophenotype, are associated with a functional variant in PER3 gene. <i>Chronobiology International</i> , 2015, 32, 591-595.	2.0	11
64	Considerations for higher efficiency and productivity in research activities. <i>BioData Mining</i> , 2016, 9, 35.	4.0	11
65	Higher scores in the extraversion personality trait are associated with a functional polymorphism in the PER3 gene in healthy subjects. <i>Chronobiology International</i> , 2017, 34, 280-286.	2.0	11
66	Effect of master mixes on the measurement of telomere length by qPCR. <i>Molecular Biology Reports</i> , 2018, 45, 633-638.	2.3	11
67	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
68	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
69	Telomere length and childhood trauma in Colombians with depressive symptoms. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 194-198.	1.7	9
70	TERT inhibition leads to reduction of IL6 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
71	A novel cost-effective assay based on real-time PCR for COMT Val158Met genotyping. <i>Biomarkers</i> , 2014, 19, 567-570.	1.9	7
72	No Association of BDNF, COMT, MAOA, SLC6A3, and SLC6A4 Genes and Depressive Symptoms in a Sample of Healthy Colombian Subjects. <i>Depression Research and Treatment</i> , 2015, 2015, 1-5.	1.3	7

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73	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
74	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
75	MTHFR gene methylation is associated with perceived stress in healthy young adults. <i>Psychiatric Genetics</i> , 2018, 28, 41-46.	1.1	6
76	A Convergent Functional Genomics Analysis to Identify Biological Regulators Mediating Effects of Creatine Supplementation. <i>Nutrients</i> , 2021, 13, 2521.	4.1	6
77	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
78	Available Software for Meta-Analyses of Genome-Wide Expression Studies. <i>Current Genomics</i> , 2019, 20, 325-331.	1.6	6
79	Sequence analysis of the ADRA2A coding region in children affected by attention deficit hyperactivity disorder. <i>Neurological Sciences</i> , 2013, 34, 2219-2222.	1.9	5
80	Relative telomere length is associated with a functional polymorphism in the monoamine oxidase A gene in a South American sample. <i>Journal of Genetics</i> , 2015, 94, 305-308.	0.7	5
81	Heavy Episodic Drinking or Binge Drinking. , 2016, , 389-397.		5
82	Val158Met polymorphism in the COMT 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
83	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
84	Functional and Genomic Features of Human Genes Mutated in Neuropsychiatric Disorders. <i>The Open Neurology Journal</i> , 2016, 10, 143-148.	0.4	5
85	Depressive symptoms are associated with a functional polymorphism in a miR-433 binding site in the FGF20 gene. <i>Molecular Brain</i> , 2018, 11, 53.	2.6	4
86	Current trends and future perspectives for medical education in Colombia. <i>Medical Teacher</i> , 2020, 42, 17-23.	1.8	4
87	Central and Peripheral Immune Dysregulation in Posttraumatic Stress Disorder: Convergent Multi-Omics Evidence. <i>Biomedicines</i> , 2022, 10, 1107.	3.2	4
88	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
89	Functional Genomics of Epileptogenesis in Animal Models and Humans. <i>Cellular and Molecular Neurobiology</i> , 2020, 41, 1579-1587.	3.3	3
90	A functional SNP in the synaptic SNAP25 gene is associated with impulsivity in a Colombian sample. <i>3 Biotech</i> , 2020, 10, 134.	2.2	3

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91	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
92	Ten simple rules for international short-term research stays. <i>PLoS Computational Biology</i> , 2017, 13, e1005832.	3.2	3
93	Approaches of the Transcriptomic Analysis in Astrocytes: Potential Pharmacological Targets. <i>Current Pharmaceutical Design</i> , 2017, 23, 4189-4197.	1.9	3
94	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
95	Implementing Genomics in the Care of Neuropsychiatric Patients in Latin America. , 2018, , 101-130.		2
96	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
97	Genome plasticity and neuropsychiatric disorders. , 2020, , 191-210.		1
98	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
99	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
100	Global perspectives and recommendations for curriculum design in academic programs in the health sciences. <i>Educacion Medica</i> , 2022, 23, 100728.	0.3	1
101	miRNA DYSFUNCTION IN SCHIZOPHRENIA: GENETIC AND FUNCTIONAL EVIDENCE. <i>Schizophrenia Research</i> , 2008, 102, 185-186.	2.0	0
102	Study of five novel non-synonymous polymorphisms in human brain-expressed genes in a colombian sample. <i>Annals of Neurosciences</i> , 2014, 21, 138-43.	1.7	0
103	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
104	Impact of genome plasticity on health and disease. , 2020, , 1-6.		0
105	Functional analysis of glial genome-wide expression. <i>Frontiers in Cellular Neuroscience</i> , 0, 9, .	3.7	0
106	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