

Jose Luis Royo

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,060
citations

394421

19
h-index

276875

41
g-index

54
all docs

54
docs citations

54
times ranked

3079
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436. | 21.4 | 700 |
| 2 | Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417. | 12.8 | 140 |
| 3 | Genome-wide association analysis of dementia and its clinical endophenotypes reveal novel loci associated with Alzheimer's disease and three causality networks: The GR@ACE project. <i>Alzheimer's and Dementia</i> , 2019, 15, 1333-1347. | 0.8 | 111 |
| 4 | Pyrosequencing protocol using a universal biotinylated primer for mutation detection and SNP genotyping. <i>Nature Protocols</i> , 2007, 2, 1734-1739. | 12.0 | 97 |
| 5 | Transphyletic conservation of developmental regulatory state in animal evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14186-14191. | 7.1 | 94 |
| 6 | In vivo gene regulation in <i>Salmonella</i> spp. by a salicylate-dependent control circuit. <i>Nature Methods</i> , 2007, 4, 937-942. | 19.0 | 84 |
| 7 | CAPN10 Alleles Are Associated with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3971-3976. | 3.6 | 76 |
| 8 | A method for detecting epistasis in genome-wide studies using case-control multi-locus association analysis. <i>BMC Genomics</i> , 2008, 9, 360. | 2.8 | 76 |
| 9 | Vitamin D Receptor polymorphisms and risk of enveloped virus infection: A meta-analysis. <i>Gene</i> , 2018, 678, 384-394. | 2.2 | 69 |
| 10 | Identification of the first recurrent PAR1 deletion in LÃ©ry-Weill dyschondrosteosis and idiopathic short stature reveals the presence of a novel <i>SHOX</i> enhancer. <i>Journal of Medical Genetics</i> , 2012, 49, 442-450. | 3.2 | 63 |
| 11 | Genetic Structure of the Spanish Population. <i>BMC Genomics</i> , 2010, 11, 326. | 2.8 | 49 |
| 12 | Association of genetic markers within the KIT and KITLG genes with human male infertility. <i>Human Reproduction</i> , 2006, 21, 3185-3192. | 0.9 | 40 |
| 13 | Estrogen receptor alpha gene variants are associated with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 198.e15-198.e24. | 3.1 | 36 |
| 14 | Comprehensive Toxicity Assessment of PEGylated Magnetic Nanoparticles for in vivo applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 253-259. | 5.0 | 33 |
| 15 | A new generation of vectors with increased induction ratios by overimposing a second regulatory level by attenuation. <i>Nucleic Acids Research</i> , 2005, 33, e169-e169. | 14.5 | 30 |
| 16 | Stable long-term indigo production by overexpression of dioxygenase genes using a chromosomal integrated cascade expression circuit. <i>Journal of Biotechnology</i> , 2005, 116, 113-124. | 3.8 | 30 |
| 17 | Synthesis and Characterization of Elongated-Shaped Silver Nanoparticles as a Biocompatible Anisotropic SERS Probe for Intracellular Imaging: Theoretical Modeling and Experimental Verification. <i>Nanomaterials</i> , 2019, 9, 256. | 4.1 | 27 |
| 18 | Improvement of Recombinant Protein Yield by a Combination of Transcriptional Amplification and Stabilization of Gene Expression. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5034-5041. | 3.1 | 24 |

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|----|--|-----|-----------|
| 19 | Lack of Association Between NOS3 Glu298Asp and Breast Cancer Risk: a Case-control Study. Breast Cancer Research and Treatment, 2006, 100, 331-333. | 2.5 | 21 |
| 20 | Identification and Analysis of Conserved cis-Regulatory Regions of the MEIS1 Gene. PLoS ONE, 2012, 7, e33617. | 2.5 | 20 |
| 21 | Genetic analysis of caveolin-1 and eNOS genes in colorectal cancer. Oncology Reports, 2006, 16, 353-9. | 2.6 | 18 |
| 22 | <i>SIRPB1</i> copy number polymorphism as candidate quantitative trait locus for impulsive-disinhibited personality. Genes, Brain and Behavior, 2014, 13, 653-662. | 2.2 | 17 |
| 23 | Spectrofluorimetric Analysis of CCR5-Δ32 Allele Using Real-Time Polymerase Chain Reaction: Prevalence in Southern Spanish HIV+ Patients and Noninfected Population. AIDS Research and Human Retroviruses, 2001, 17, 191-193. | 1.1 | 16 |
| 24 | Pyrosequencing for SNP Genotyping. Methods in Molecular Biology, 2009, 578, 123-133. | 0.9 | 16 |
| 25 | Fluorescence Resonance Energy Transfer Analysis of CCR2-V64I and SDF1-3A Polymorphisms: Prevalence in Southern Spain HIV Type 1 Cohort and Noninfected Population. AIDS Research and Human Retroviruses, 2001, 17, 663-666. | 1.1 | 14 |
| 26 | Identification of a protective haplogenotype within CAPN10 gene influencing colorectal cancer susceptibility. Journal of Gastroenterology and Hepatology (Australia), 2007, 22, 2298-2302. | 2.8 | 14 |
| 27 | Dissecting the Transcriptional Regulatory Properties of Human Chromosome 16 Highly Conserved Non-Coding Regions. PLoS ONE, 2011, 6, e24824. | 2.5 | 13 |
| 28 | Zebrafish as a model organism to study host-pathogen interactions. Methods, 2013, 62, 241-245. | 3.8 | 13 |
| 29 | White matter lesions and temporal atrophy are associated with cognitive and neuropsychiatric symptoms in patients with hypertension and Alzheimer's disease. International Journal of Geriatric Psychiatry, 2020, 35, 1292-1300. | 2.7 | 11 |
| 30 | Absence of Substantial Copy Number Differences in a Pair of Monozygotic Twins Discordant for Features of Autism Spectrum Disorder. Case Reports in Genetics, 2014, 2014, 1-9. | 0.2 | 10 |
| 31 | Genetic analysis of CAV1 gene in hypertension and metabolic syndrome. Thrombosis and Haemostasis, 2006, 95, 696-701. | 3.4 | 9 |
| 32 | Exploring allelic imbalance within paraffin-embedded tumor biopsies using pyrosequencing technology. Clinical Chemistry and Laboratory Medicine, 2006, 44, 1076-81. | 2.3 | 7 |
| 33 | Identification of a 2244 base pair interstitial deletion within the human ESR1 gene in the Spanish population. Journal of Medical Genetics, 2008, 45, 420-424. | 3.2 | 7 |
| 34 | Dysmorphic contribution of neurotransmitter and neuroendocrine system polymorphisms to subtherapeutic mood states. Brain and Behavior, 2019, 9, e01140. | 2.2 | 7 |
| 35 | Absence of allelic imbalance involving EMSY, CAPN5, and PAK1 genes in papillary thyroid carcinoma. Journal of Endocrinological Investigation, 2008, 31, 618-623. | 3.3 | 6 |
| 36 | A common copy-number variant within SIRPB1 correlates with human Out-of-Africa migration after genetic drift correction. PLoS ONE, 2018, 13, e0193614. | 2.5 | 6 |

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|----|---|-----|-----------|
| 37 | Long runs of homozygosity are associated with Alzheimer's disease. <i>Translational Psychiatry</i> , 2021, 11, 142. | 4.8 | 6 |
| 38 | Hardy Weinberg Equilibrium Disturbances in Case-Control Studies Lead to Non-Conclusive Results. <i>Cell Journal</i> , 2021, 22, 572-574. | 0.2 | 6 |
| 39 | Pyrosequencing protocol requiring a unique biotinylated primer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 435-41. | 2.3 | 5 |
| 40 | Engineered Salmonella allows real-time heterologous gene expression monitoring within infected zebrafish embryos. <i>Journal of Biotechnology</i> , 2012, 157, 413-416. | 3.8 | 5 |
| 41 | A Knockout IFNL4 Variant Is Associated With Protection From Sexually Transmitted HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2019, 219, 772-776. | 4.0 | 5 |
| 42 | Monoamino oxidase alleles correlate with the presence of essential hypertension among hypogonadic patients. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1040. | 1.2 | 5 |
| 43 | Methylation alterations are not a major cause of PTTG1 missregulation. <i>BMC Cancer</i> , 2008, 8, 110. | 2.6 | 4 |
| 44 | Discordance in TLR2 (~ 196 to ~ 174) polymorphism effect on HIV infection risk. <i>Journal of Gene Medicine</i> , 2018, 20, e3051. | 2.8 | 4 |
| 45 | Toll-Like Receptor 2 Promoter -196 to -174 Deletion Affects CD4 Levels Along Human Immunodeficiency Virus Infection Progression. <i>Journal of Infectious Diseases</i> , 2020, 222, 2007-2011. | 4.0 | 4 |
| 46 | Differential metabolic profiles associated to movement behaviour of stream-resident brown trout (<i>Salmo trutta</i>). <i>PLoS ONE</i> , 2017, 12, e0181697. | 2.5 | 4 |
| 47 | Fetal alpha 5-reductase Val89Leu mutation is associated with late miscarriage. <i>Reproductive BioMedicine Online</i> , 2017, 34, 653-658. | 2.4 | 3 |
| 48 | MAOB rs3027452 Modifies Mood Improvement After Tryptophan Supplementation. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1751-1756. | 1.8 | 3 |
| 49 | Genotyping of common SIRPB1 copy number variant using Paralogue Ratio Test coupled to MALDI-MS quantification. <i>Molecular and Cellular Probes</i> , 2015, 29, 517-521. | 2.1 | 2 |
| 50 | Genetic Association Studies in Host-Pathogen Interaction Analysis. <i>Methods in Molecular Biology</i> , 2018, 1734, 1-11. | 0.9 | 0 |
| 51 | Straightforward protocol for allele-specific chromatin conformation capture. <i>Gene</i> , 2021, 767, 145185. | 2.2 | 0 |
| 52 | The Genetic Research in Alzheimer Disease (GERALD) Initiative Finds rs9320913 as a Neural eQTL of lincRNA AL589740.1. <i>International Journal of Alzheimer's Disease</i> , 2021, 2021, 1-7. | 2.0 | 0 |
| 53 | A polygenic risk score for mosaic loss of chromosome Y susceptibility is associated with higher risk of MCI to AD conversion.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e053745. | 0.8 | 0 |
| 54 | White matter lesions and hippocampal atrophy are associated with cognitive and behavioral and psychological symptoms in patients with Alzheimer's disease and hypertension.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054134. | 0.8 | 0 |