## Mariza de Andrade

## List of Publications by Year

 in descending order
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Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in
TOPMed. Cell Genomics, 2022, 2, 100084.

Multiâ€phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. Journal of Thrombosis and Haemostasis, 2022, 20, 1331-1349.
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Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Nature Genetics, 2022, 54, 263-273.

Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. Science Advances, 2022, 8, eabl6579.

The Value of Rare Genetic Variation in the Prediction of Common Obesity in European Ancestry
Populations. Frontiers in Endocrinology, 2022, 13, 863893.

Rare deleterious germline variants and risk of lung cancer. Npj Precision Oncology, 2021, 5, 12.
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Genetic Variation and Recurrent Haplotypes on Chromosome 6q23-25 Risk Locus in Familial Lung
Cancer. Cancer Research, $2021,81,3162-3173$.

Associations of Genetically Predicted Lp(a) (Lipoprotein [a]) Levels With Cardiovascular Traits in
8 Individuals of European and African Ancestry. Circulation Genomic and Precision Medicine, 2021, 14, e003354.

9 An international genome-wide meta-analysis of primary biliary cholangitis: Novel risk loci and
9 candidate drugs. Journal of Hepatology, 2021, 75, 572-581.

10 Genome-Wide Association Study of Peripheral Artery Disease. Circulation Genomic and Precision
Medicine, 2021, 14, e002862.

11 Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768.
$27.8 \quad 376$

12 Identification of Susceptibility Loci for Spontaneous Coronary Artery Dissection. JAMA Cardiology, 2020, 5, 929.

13 A digital health weight-loss intervention in severe obesity. Digital Health, 2020, 6, 205520762091027.
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14 A Digital Health Weight Loss Program in 250,000 Individuals. Journal of Obesity, 2020, 2020, 1-8.
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Whole Exome Sequencing of Highly Aggregated Lung Cancer Families Reveals Linked Loci for Increased
15 Cancer Risk on Chromosomes 12q, 7p, and 4q. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 434-442.

Bivariate traits association analysis using generalized estimating equations in family data. Statistical Applications in Genetics and Molecular Biology, 2020, 19, .

Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous
thromboembolism. Blood, 2019, 134, 1645-1657.
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| 19 | Atlas-CNV: a validated approach to call single-exon CNVs in the eMERCESeq gene panel. Genetics in Medicine, 2019, 21, 2135-2144. | 2.4 | 19 |
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| 20 | A phenome-wide association study to discover pleiotropic effects of PCSK9, APOB, and LDLR. Npj Genomic Medicine, 2019, 4, 3. | 3.8 | 26 |
| 21 | Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138. | 6.2 | 106 |
| 22 | Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 73, 58-66. | 2.8 | 147 |
| 23 | The eMERGE genotype set of 83,717 subjects imputed to $\sim 40$ â€\%omillion variants genome wide and association with the herpes zoster medical record phenotype. Genetic Epidemiology, 2019, 43, 63-81. | 1.3 | 63 |
| 24 | Stress hormones concentrations in the normal microenvironment predict risk for chemically induced cancer in rats. Psychoneuroendocrinology, 2018, 89, 229-238. | 2.7 | 26 |
| 25 | GAW20: methods and strategies for the new frontiers of epigenetics and pharmacogenomics. BMC Proceedings, 2018, 12, 26. | 1.6 | 2 |

26 Age-related DNA methylation and hemostatic factors. Blood, 2018, 132, 1736-1736.
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27 The challenge of detecting genotype-by-methylation interaction: GAW20. BMC Genetics, 2018, $19,81$.
28 SLCO1B1 genetic variation and hormone therapy in menopausal women. Menopause, 2018, 25, 877-882. ..... 2.0 ..... 16
29 Rare Variants in Known Susceptibility Loci and Their Contribution to Risk of Lung Cancer. Journal of
Thoracic Oncology, 2018, 13, 1483-1495. ..... 22
30 Genome-wide association study of familial lung cancer. Carcinogenesis, 2018, 39, 1135-1140. ..... 2.8 ..... 42
PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. Lancet Diabetes11.4298and Endocrinology, the, 2017, 5, 97-105.

Assessing the causal relationship between obesity and venous thromboembolism through a Mendelian
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46 Randomization study. Human Genetics, 2017, 136, 897-902.
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Hepatocyte growth factor demonstrates racial heterogeneity as a biomarker for coronary heart
disease. Heart, 2017, 103, 1185-1193.
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33 disease. Heart, 2017, 103, 1185-1193.

Genome-wide association study of primary sclerosing cholangitis identifies new risk loci and
quantifies the genetic relationship with inflammatory bowel disease. Nature Genetics, 2017, 49, 269-273.
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Elevated Levels of Adhesion Proteins Are Associated With Low Ankleâ€"Brachial Index. Angiology, 2017,

Familial Lung Cancer: A Brief History from the Earliest Work to the Most Recent Studies. Genes, 2017,
8, 36.
Cohort profile: the Baependi Heart Studyấ"a family-based, highly admixed cohort study in a rural
Brazilian town. BMJ Open, 2016, 6, e011598.

$44 \quad$| Pharmacogenomics of estrogens on changes in carotid artery intima-medial thickness and coronary |
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| arterial calcification: Kronos Early Estrogen Prevention Study. Physiological Genomics, 2016, 48, 33-4 |


$45 \quad$| Sexâ€Specific Genetic Variants are Associated With Coronary Endothelial Dysfunction. Journal of the |
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\begin{aligned}
& \text { Impact of adiposity on cellular adhesion: The Multiâ€Ethnic Study of atherosclerosis (MESA). Obesity, } \\
& 47 \text { 2016, 24, 223-230. }
\end{aligned}
$$Focused Analysis of Exome Sequencing Data for Rare Germline Mutations in Familial and SporadicLung Cancer. Journal of Thoracic Oncology, 2016, 11, 52-61.

Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney
function. Nature Communications, 2016, 7, 10023.50 adenocarcinomaâ $€$ "analysis of interobserver agreement, survival, radiographic characteristics, and2.0gross pathology in 296 nodules. Human Pathology, 2016, 51, 41-50.
Transâ€Ethnic Metaâ€Analysis Identifies Common and Rare Variants Associated with Hepatocyte Growth51 Factor Levels in the Multiâ€Ethnic Study of Atherosclerosis (MESA). Annals of Human Genetics, 2015, 79,

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The foundation of precision medicine: integration of electronic health records with genomics
2.3 through basic, clinical, and translational research. Frontiers in Genetics, 2015, 6, 104.
$57 \quad$ Global Individual Ancestry Using Principal Components for Family Data. Human Heredity, 2015, 80, 1-11.
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58 Genetics of cardiovascular disease: Importance of sex and ethnicity. Atherosclerosis, 2015, 241, 219-228.
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59 P-selectin and subclinical and clinical atherosclerosis: The Multi-Ethnic Study of Atherosclerosis
(MESA). Atherosclerosis, 2015, 240, 3-9.
$0.8 \quad 47$

60 Multi-ethnic analysis reveals soluble l-selectin may be post-transcriptionally regulated by 3â€²UTR
polymorphism: the Multi-Ethnic Study of Atherosclerosis (MESA). Human Genetics, 2015, 134, 393-403.
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## 61 Meta-analysis of 65,734 Individuals Identifies TSPAN15 and SLC44A2 as Two Susceptibility Loci for <br> Venous Thromboembolism. American Journal of Human Genetics, 2015, 96, 532-542.

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Penetrance of Hemochromatosis in HFE Genotypes Resulting in p.Cys282Tyr and
p.[Cys282Tyr];[His63Asp] in the eMERGE Network. American Journal of Human Genetics, 2015, 97, 512-520.

63 Prospective participant selection and ranking to maximize actionable pharmacogenetic variants and
discovery in the eMERGE Network. Genome Medicine, 2015, 7, 67.
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The association of copy number variation and percent mammographic density. BMC Research Notes, 2015, 8, 297.

> A comprehensive 1000 Genomesâ€"based genome-wide association meta-analysis of coronary artery
> disease. Nature Genetics, $2015,47,1121-1130$.
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66 Abstract LB-189: Genetic Epidemiology of Lung Cancer Consortium: genome-wide association study of familial lung cancer cases., 2015, , .

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Abstract 2757: Evaluation ofEYA4as a candidate risk locus in familial lung cancer families linked to 6q.
$, 2015, .$,
67 Abstract 2757: Evaluation ofEYA4as a candidate risk locus in familial lung cancer families linked to 6q.

68 Genetic Variants Associated with Serum Thyroid Stimulating Hormone (TSH) Levels in European
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Genetic Variants Associated with Serum Thyroid Stimulating Hormone (TSH) Levels in Europe
Americans and African Americans from the eMERGE Network. PLoS ONE, 2014, 9, ell1301.

The ATXN2-SH2B3 locus is associated with peripheral arterial disease: an electronic medical
record-based genome-wide association study. Frontiers in Genetics, 2014, 5, 166.
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Imputation and quality control steps for combining multiple genome-wide datasets. Frontiers in
Genetics, 2014, 5, 370.
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Controlling for population structure and genotyping platform bias in the eMERGE multi-institutional
biobank linked to electronic health records. Frontiers in Genetics, 2014, 5, 352.
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Using Item Response Theory to Model Multiple Phenotypes and Their Joint Heritability in Family Data
Using Item Response Theory to Model Multiple Phenotypes and Their Joint Heritability in Family Data.
Genetic Epidemiology, 2014, 38, 152-161.
630 Coffee Consumption Is Associated With Reduced Risk of
Primary Biliary Cirrhosis. Gastroenterology, 2013, 144, S-956.
86 disorders: a HuGE review and meta-analysis of evidence from observational studies. Blood, 2012, 119,1.4
93 Association of TNFSF8 Polymorphisms With Peripheral Neutrophil Count. Mayo Clinic Proceedings,
$2011,86,1075-1081$.

Mayo Genome Consortia: A Genotype-Phenotype Resource for Genome-Wide Association Studies With
94 an Application to the Analysis of Circulating Bilirubin Levels. Mayo Clinic Proceedings, 2011, 86,

| 95 | Software comparison for evaluating genomic copy number variation for Affymetrix 6.0 SNP array platform. BMC Bioinformatics, 2011, 12, 220. | 2.6 | 51 |
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| 96 | Leukocyte DNA Methylation Signature Differentiates Pancreatic Cancer Patients from Healthy Controls. PLoS ONE, 2011, 6, e18223. | 2.5 | 73 |
| 97 | Genome partitioning of genetic variation for complex traits using common SNPs. Nature Genetics, 2011, 43, 519-525. | 21.4 | 834 |
| 98 | Variants Near FOXE1 Are Associated with Hypothyroidism and Other Thyroid Conditions: Using Electronic Medical Records for Genome- and Phenome-wide Studies. American Journal of Human Genetics, 2011, 89, 529-542. | 6.2 | 232 |
| 99 | Fruit and vegetable consumption is inversely associated with having pancreatic cancer. Cancer Causes and Control, 2011, 22, 1613-1625. | 1.8 | 75 |

Heritability of physical activity traits in Brazilian families: the Baependi Heart Study. BMC Medical
100 Genetics, 2011, 12, 155.
101 Entropy Based Genetic Association Tests and Gene-Gene Interaction Tests. Statistical Applications in
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Genetics and Molecular Biology, 2011, 10, .

Evaluating the Influence of Quality Control Decisions and Software Algorithms on SNP Calling for the Affymetrix 6.0 SNP Array Platform. Human Heredity, 2011, 71, 221-233.
0.8the Affymetrix 6.0 SNP Array Platform. Human Heredity, 2011, 11, 221-233.

| 109 | Evaluating gene by sex and age interactions on cardiovascular risk factors in Brazilian families. BMC Medical Genetics, 2010, 11, 132. | 2.1 | 10 |
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| 110 | Linkage analysis of obesity phenotypes in pre- and post-menopausal women from a United States mid-western population. BMC Medical Genetics, 2010, 11, 156. | 2.1 | 10 |
| 111 | Familial Aggregation of Irritable Bowel Syndrome: A Family Caseâ€"Control Study. American Journal of Gastroenterology, 2010, 105, 833-841. | 0.4 | 91 |
| 112 | Perceptions of Lung Cancer Risk and Beliefs in Screening Accuracy of Spiral Computed Tomography among High-Risk Lung Cancer Family Members. Academic Radiology, 2010, 17, 1012-1025. | 2.5 | 12 |
| 113 | T1385 Adrenomedullin: A Biomarker of Pancreatic Cancer-Associated Diabetes?. Gastroenterology, 2010, 138, S-551. | 1.3 | 1 |
| 114 | GPC5 rs2352028 variant and risk of lung cancer in never smokers â€" Authors' reply. Lancet Oncology, The, 2010, 11, 716. | 10.7 | 0 |
| 115 | Association of Gene-Environment Interactions with Venous Thromboembolism (VTE): A Pathway-Directed Candidate-Gene Case-Control Study. Blood, 2010, 116, 480-480. | 1.4 | 0 |
| 116 | Fine Mapping of Chromosome 6q23-25 Region in Familial Lung Cancer Families Reveals <i>RGS17</i〉 as a Likely Candidate Gene. Clinical Cancer Research, 2009, 15, 2666-2674. | 7.0 | 80 |
| 117 | Temporal Association of Changes in Fasting Blood Glucose and Body Mass Index With Diagnosis of Pancreatic Cancer. American Journal of Gastroenterology, 2009, 104, 2318-2325. | 0.4 | 99 |
| 118 | Genetic Analysis of Age-at-Onset for Cardiovascular Risk Factors in a Brazilian Family Study. Human Heredity, 2009, 68, 131-138. | 0.8 | 5 |
| 119 | Adjusting for HLA-DRî2 1 in a genome-wide association analysis of rheumatoid arthritis and related biomarkers. BMC Proceedings, 2009, 3, S12. | 1.6 | 2 |
| 120 | Assessment of genotype imputation methods. BMC Proceedings, 2009, 3, S5. | 1.6 | 29 |
| 121 | Identification of gene-gene interaction using principal components. BMC Proceedings, 2009, 3, S78. | 1.6 | 13 |

Identification of genes and haplotypes that predict rheumatoid arthritis using random forests. BMC

| 133 | Pancreatic Cancerâ€"Associated Diabetes Mellitus: Prevalence and Temporal Association With Diagnosis of Cancer. Gastroenterology, 2008, 134, 95-101. | 1.3 | 416 |
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| 134 | Long-Term Survival and Prognostic Indicators in Small (â\%o2cm) Pancreatic Cancer. Pancreatology, 2008, 8, 587-592. | 1.1 | 32 |
| 135 | Atrial Natriuretic Peptide Frameshift Mutation in Familial Atrial Fibrillation. New England Journal of Medicine, 2008, 359, 158-165. | 27.0 | 300 |


| 137 | Long-term risk of depressive and anxiety symptoms after early bilateral oophorectomy. Menopause, <br> $2008,15,1050-1059$. | 2.0 |
| :--- | :--- | :--- | | A Genomic Pathway Approach to a Complex Disease: Axon Guidance and Parkinson Disease. PLoS |
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139 Linkage analysis of chromosome 4 in families with familial pancreatic cancer. Cancer Biology and
Therapy, 2007, 6, 320-323.3.420Heritability of Longitudinal Measures of Body Mass Index and Lipid and Lipoprotein Levels in Aging
145 Linkage analysis using principal components of gene expression data. BMC Proceedings, 2007, 1, S79. 1.6
Increased prevalence of antimitochondrial antibodies in first-degree relatives of patients with
primary biliary cirrhosis. Hepatology, 2007, 46, 785-792.
151 Response from Maraganore et al.. American Journal of Human Genetics, 2006, 78, 1092-1094. ..... 28
152 Survival patterns after oophorectomy in premenopausal women: a population-based cohort study. Lancet Oncology, The, 2006, 7, 821-828.
Genomic loci with pleiotropic effects on coronary artery calcification. Atherosclerosis, 2006, 185, 340-346.
A genome-wide linkage scan for ankleâ€"brachial index in African American and non-Hispanic white
Association of Family History of Specific Cancers With a Younger Age of Onset of Pancreatic $155 \begin{aligned} & \text { Association of Family History of Specific Cancers With a Younger Age of Onset of Pan } \\ & \text { Adenocarcinoma. Clinical Gastroenterology and Hepatology, 2006, 4, 1143-1147. }\end{aligned}$
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126, 74-78.
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Chemical exposures and Parkinson's disease: A population-based caseâ€"control study. Movement3.985
Disorders, 2006, 21, 1688-1692.The Mayo Clinic Cohort Study of Personality and Aging: Design and Sampling, Reliability and Validity ofInstruments, and Baseline Description. Neuroepidemiology, 2006, 26, 119-129.159 Novel Genomic Loci Influencing Plasma Homocysteine Levels. Stroke, 2006, 37, 1703-1709.2.022

| 163 | Thrombomodulin gene polymorphisms or haplotypes as potential risk factors for venous thromboembolism: a population-based case-control study. Journal of Thrombosis and Haemostasis, 2005, 3, 710-717. | 3.8 | 43 |
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| 164 | CCR51̂" 32 polymorphism effects on CCR5 expression, patterns of immunopathology and disease course in multiple sclerosis. Journal of Neuroimmunology, 2005, 169, 137-143. | 2.3 | 35 |
| 165 | Randomâ€effects Cox proportional hazards model: General variance components methods for timeâ€toâ€event data. Genetic Epidemiology, 2005, 28, 97-109. | 1.3 | 105 |
| 166 | Summary of contributions to GAW Group 12: Multivariate Methods. Genetic Epidemiology, 2005, 29, S91-S95. | 1.3 | 1 |
| 167 | Risk of malignancy in firstâ€degree relatives of patients with pancreatic carcinoma. Cancer, 2005, 104, 388-394. | 4.1 | 78 |
| 168 | Human brain derived neurotrophic factor (BDNF) genes, splicing patterns, and assessments of associations with substance abuse and Parkinson's Disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 134B, 93-103. | 1.7 | 192 |
| 169 |  439-443. | 5.3 | 49 |
| 170 | Identification of genes involved in alcohol consumption and cigarettes smoking. BMC Genetics, 2005, 6, S112. | 2.7 | 7 |
| 171 | Genomic Susceptibility Loci for Brain Atrophy in Hypertensive Sibships From the GENOA Study. Hypertension, 2005, 45, 793-798. | 2.7 | 42 |
| 172 | Lower Cancer Incidence in Amsterdam-I Criteria Families Without Mismatch Repair Deficiency. JAMA Journal of the American Medical Association, 2005, 293, 1979. | 7.4 | 491 |
| 173 | High-Resolution Whole-Genome Association Study of Parkinson Disease. American Journal of Human Genetics, 2005, 77, 685-693. | 6.2 | 479 |
| 174 | A Novel Quantitative Trait Locus on Chromosome 1 with Pleiotropic Effects on HDL-Cholesterol and LDL Particle Size in Hypertensive Sibships. American Journal of Hypertension, 2005, 18, 1084-1090. | 2.0 | 16 |
| 175 | Probability of Pancreatic Cancer Following Diabetes: A Population-Based Study. Gastroenterology, 2005, 129, 504-511. | 1.3 | 234 |

N-ACETYLTRANSFERASE 2 IS A SUSCEPTIBILITY LOCUS FOR PARKINSONÊ1/4S DISEASE. Epidemiology, 2004, 15,

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Multivariate linkage analysis of blood pressure and body mass index. Genetic Epidemiology, 2004, 27,
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Parkin variants in North American Parkinson's disease: Cases and controls. Movement Disorders, 2003,
$18,1306-1311$.
Comparison of longitudinal variance components and regression-based approaches for linkage detection on chromosome 17 for systolic blood pressure. BMC Genetics, 2003, 4, S17.
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189 Imputation methods for missing data for polygenic models. BMC Genetics, 2003, 4, S42. ..... 2.7 ..... 10Localization of genes involved in the metabolic syndrome using multivariate linkage analysis. BMC2.716
Genetics, 2003, 4, S57.
2.7 ..... 4191 Screening the genome to detect an association with hypertension. BMC Genetics, 2003, 4, S63.
192 Identifying disease modifying genes in multiple sclerosis. Journal of Neuroimmunology, 2002, 123, 144-159.2.3121
1.3 ..... 1.340
Extension of variance components approach to incorporate temporal trends and longitudinalpedigree data analysis. Genetic Epidemiology, 2002, 22, 221-232.0.729Interleukin-1 Receptor Antagonist Allele 2 and Familial Alopecia Areata. Journal of InvestigativeDermatology, 2002, 118, 335-337.
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