

Seyedeh Maryam Zekavat

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,561
citations

196777

29
h-index

214428

50
g-index

61
all docs

61
docs citations

61
times ranked

9467
citing authors

#	ARTICLE	IF	CITATIONS
1	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.	13.7	376
2	A Genetic Variant Associated with Five Vascular Diseases Is a Distal Regulator of Endothelin-1 Gene Expression. <i>Cell</i> , 2017, 170, 522-533.e15.	13.5	356
3	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2054-2063.	1.2	348
4	Genetic Association of Waist-to-Hip Ratio With Cardiometabolic Traits, Type 2 Diabetes, and Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 626.	3.8	313
5	A statistical framework for cross-tissue transcriptome-wide association analysis. <i>Nature Genetics</i> , 2019, 51, 568-576.	9.4	262
6	Association of Premature Natural and Surgical Menopause With Incident Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2411.	3.8	232
7	Whole-Genome Sequencing to Characterize Monogenic and Polygenic Contributions in Patients Hospitalized With Early-Onset Myocardial Infarction. <i>Circulation</i> , 2019, 139, 1593-1602.	1.6	213
8	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2761-2772.	1.2	186
9	Long-Term Cardiovascular Risk in Women With Hypertension During Pregnancy. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2743-2754.	1.2	169
10	Androgen Signaling Regulates SARS-CoV-2 Receptor Levels and Is Associated with Severe COVID-19 Symptoms in Men. <i>Cell Stem Cell</i> , 2020, 27, 876-889.e12.	5.2	167
11	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. <i>Nature Communications</i> , 2018, 9, 3391.	5.8	140
12	Distinction of lymphoid and myeloid clonal hematopoiesis. <i>Nature Medicine</i> , 2021, 27, 1921-1927.	15.2	130
13	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. <i>Nature Medicine</i> , 2021, 27, 1012-1024.	15.2	109
14	Quantifying the Impact of Rare and Ultra-rare Coding Variation across the Phenotypic Spectrum. <i>American Journal of Human Genetics</i> , 2018, 102, 1204-1211.	2.6	102
15	Association of Clonal Hematopoiesis With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021, 78, 42-52.	1.2	101
16	Ultra-rare disruptive and damaging mutations influence educational attainment in the general population. <i>Nature Neuroscience</i> , 2016, 19, 1563-1565.	7.1	90
17	Transcriptomic signatures across human tissues identify functional rare genetic variation. <i>Science</i> , 2020, 369, .	6.0	89
18	Clonal Hematopoiesis Is Associated With Higher Risk of Stroke. <i>Stroke</i> , 2022, 53, 788-797.	1.0	88

#	ARTICLE	IF	CITATIONS
19	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. <i>Circulation</i> , 2018, 137, 222-232.	1.6	87
20	Premature Menopause, Clonal Hematopoiesis, and Coronary Artery Disease in Postmenopausal Women. <i>Circulation</i> , 2021, 143, 410-423.	1.6	87
21	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. <i>Nature Communications</i> , 2018, 9, 2606.	5.8	79
22	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. <i>Nature Communications</i> , 2018, 9, 1613.	5.8	78
23	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. <i>Circulation Research</i> , 2017, 121, 81-88.	2.0	68
24	Deep Learning of the Retina Enables Phenome- and Genome-Wide Analyses of the Microvasculature. <i>Circulation</i> , 2022, 145, 134-150.	1.6	57
25	Mathematical framework for activity-based cancer biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12627-12632.	3.3	50
26	Cardiovascular and Kidney Outcomes Across the Glycemic Spectrum. <i>Journal of the American College of Cardiology</i> , 2021, 78, 453-464.	1.2	45
27	Association of Diet Quality With Prevalence of Clonal Hematopoiesis and Adverse Cardiovascular Events. <i>JAMA Cardiology</i> , 2021, 6, 1069.	3.0	43
28	Comprehensive population-based genome sequencing provides insight into hematopoietic regulatory mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E327-E336.	3.3	39
29	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. <i>Science Advances</i> , 2022, 8, eabl6579.	4.7	36
30	Genetic Association of Finger Photoplethysmography-Derived Arterial Stiffness Index With Blood Pressure and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1253-1261.	1.1	35
31	Recall by genotype and cascade screening for familial hypercholesterolemia in a population-based biobank from Estonia. <i>Genetics in Medicine</i> , 2019, 21, 1173-1180.	1.1	35
32	Repeat Measures of Lipoprotein(a) Molar Concentration and Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2022, 79, 617-628.	1.2	35
33	DNA Sequence Variation in <i>ACVR1C</i> Encoding the Activin Receptor-Like Kinase 7 Influences Body Fat Distribution and Protects Against Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 226-234.	0.3	31
34	Rare Genetic Variants Associated With Sudden Cardiac Death in Adults. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2623-2634.	1.2	27
35	Genetics of smoking and risk of clonal hematopoiesis. <i>Scientific Reports</i> , 2022, 12, 7248.	1.6	25
36	Elevated Blood Pressure Increases Pneumonia Risk: Epidemiological Association and Mendelian Randomization in the UK Biobank. <i>Med</i> , 2021, 2, 137-148.e4.	2.2	21

#	ARTICLE	IF	CITATIONS
37	Photoreceptor Layer Thinning Is an Early Biomarker for Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2022, 129, 694-707.	2.5	21
38	Fibrillar Collagen Variants in Spontaneous Coronary Artery Dissection. <i>JAMA Cardiology</i> , 2022, 7, 396.	3.0	19
39	A Phenome-Wide Association Study of genes associated with COVID-19 severity reveals shared genetics with complex diseases in the Million Veteran Program. <i>PLoS Genetics</i> , 2022, 18, e1010113.	1.5	16
40	Association of Kidney Comorbidities and Acute Kidney Failure With Unfavorable Outcomes After COVID-19 in Individuals With the Sickle Cell Trait. <i>JAMA Internal Medicine</i> , 0, , .	2.6	15
41	An in silico model of retinal cholesterol dynamics (RCD model): insights into the pathophysiology of dry AMD. <i>Journal of Lipid Research</i> , 2017, 58, 1325-1337.	2.0	14
42	A <i>MUC5B</i> Gene Polymorphism, rs35705950-T, Confers Protective Effects Against COVID-19 Hospitalization but Not Severe Disease or Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1220-1229.	2.5	14
43	Apolipoprotein B is an insufficient explanation for the risk of coronary disease associated with lipoprotein(a). <i>Cardiovascular Research</i> , 2021, 117, 1245-1247.	1.8	12
44	Genetic Link Between Arterial Stiffness and Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002453.	1.6	11
45	Microvascular Outcomes in Women With a History of Hypertension in Pregnancy. <i>Circulation</i> , 2022, 145, 552-554.	1.6	6
46	Acquired Vitamin K Deficiency as Unusual Cause of Bleeding Tendency in Adults: A Case Report of a Nonhospitalized Student Presenting with Severe Menorrhagia. <i>Case Reports in Obstetrics and Gynecology</i> , 2017, 2017, 1-3.	0.2	4
47	Genome-wide pleiotropy analysis of coronary artery disease and pneumonia identifies shared immune pathways. <i>Science Advances</i> , 2022, 8, eabl4602.	4.7	4
48	A computational model of 1,5-AG dynamics during pregnancy. <i>Physiological Reports</i> , 2017, 5, e13375.	0.7	2