

# David Schlessinger

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

23,461  
citations

66343

42  
h-index

76900

74  
g-index

77  
all docs

77  
docs citations

77  
times ranked

34805  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>PRF1</i> mutation alters immune system activation, inflammation, and risk of autoimmunity. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1332-1340.	3.0	13
2	The genomic structure of a human chromosome 22 nucleolar organizer region determined by TAR cloning. <i>Scientific Reports</i> , 2021, 11, 2997.	3.3	13
3	PLAC1 affects cell to cell communication by interacting with the desmosome complex. <i>Placenta</i> , 2021, 110, 39-45.	1.5	4
4	Predicting physiological aging rates from a range of quantitative traits using machine learning. <i>Aging</i> , 2021, 13, 23471-23516.	3.1	6
5	Kidney size in relation to ageing, gender, renal function, birthweight and chronic kidney disease risk factors in a general population. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 640-647.	0.7	33
6	Arterial stiffness and multiple organ damage: a longitudinal study in population. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 781-788.	2.9	17
7	Impact of Stiffer Arteries on the Response to Antihypertensive Treatment: A Longitudinal Study of the SardiNIA Cohort. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 720-725.	2.5	11
8	Complex genetic signatures in immune cells underlie autoimmunity and inform therapy. <i>Nature Genetics</i> , 2020, 52, 1036-1045.	21.4	153
9	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020, 11, 6417.	12.8	39
10	A Sardinian founder mutation in glycoprotein Ib platelet subunit beta ( GP1BB ) that impacts thrombocytopenia. <i>British Journal of Haematology</i> , 2020, 191, e124-e128.	2.5	2
11	Evidence of Polygenic Adaptation in Sardinia at Height-Associated Loci Ascertained from the Biobank Japan. <i>American Journal of Human Genetics</i> , 2020, 107, 60-71.	6.2	18
12	Mitochondrial genetic variation is enriched in G-quadruplex regions that stall DNA synthesis in vitro. <i>Human Molecular Genetics</i> , 2020, 29, 1292-1309.	2.9	36
13	Genetic history from the Middle Neolithic to present on the Mediterranean island of Sardinia. <i>Nature Communications</i> , 2020, 11, 939.	12.8	96
14	Meta- $\epsilon$ MultiSKAT: Multiple phenotype meta-analysis for region-based association test. <i>Genetic Epidemiology</i> , 2019, 43, 800-814.	1.3	9
15	Genetic regulation of gene expression and splicing during a 10-year period of human aging. <i>Genome Biology</i> , 2019, 20, 230.	8.8	57
16	Homeostatic Control of Sebaceous Glands by Innate Lymphoid Cells Regulates Commensal Bacteria Equilibrium. <i>Cell</i> , 2019, 176, 982-997.e16.	28.9	159
17	Age-related changes of the retinal microvasculature. <i>PLoS ONE</i> , 2019, 14, e0215916.	2.5	20
18	Relative impact of indels versus SNPs on complex disease. <i>Genetic Epidemiology</i> , 2019, 43, 112-117.	1.3	9

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19	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62.	21.4	328
20	STIM1, but not STIM2, Is the Calcium Sensor Critical for Sweat Secretion. <i>Journal of Investigative Dermatology</i> , 2018, 138, 704-707.	0.7	4
21	Eda-activated RelB recruits an SWI/SNF (BAF) chromatin-remodeling complex and initiates gene transcription in skin appendage formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8173-8178.	7.1	10
22	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455.	12.8	181
23	Genomic history of the Sardinian population. <i>Nature Genetics</i> , 2018, 50, 1426-1434.	21.4	71
24	Peptidyl arginine deiminase 2 (Padi2) is expressed in Sertoli cells in a specific manner and regulated by SOX9 during testicular development. <i>Scientific Reports</i> , 2018, 8, 13263.	3.3	7
25	Genetic-Driven Druggable Target Identification and Validation. <i>Trends in Genetics</i> , 2018, 34, 558-570.	6.7	44
26	Variation in human chromosome 21 ribosomal RNA genes characterized by TAR cloning and long-read sequencing. <i>Nucleic Acids Research</i> , 2018, 46, 6712-6725.	14.5	61
27	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018, 9, 2904.	12.8	71
28	Population- and individual-specific regulatory variation in Sardinia. <i>Nature Genetics</i> , 2017, 49, 700-707.	21.4	38
29	Mitogenome Diversity in Sardinians: A Genetic Window onto an Island's Past. <i>Molecular Biology and Evolution</i> , 2017, 34, 1230-1239.	8.9	61
30	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
31	<i>fastMitoCalc</i> : an ultra-fast program to estimate mitochondrial DNA copy number from whole-genome sequences. <i>Bioinformatics</i> , 2017, 33, 1399-1401.	4.1	27
32	miRNAs Are Required for Postinduction Stage Sweat Gland Development. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1571-1574.	0.7	0
33	Foxc1 Ablated Mice Are Anhidrotic and Recapitulate Features of Human Miliaria Sweat Retention Disorder. <i>Journal of Investigative Dermatology</i> , 2017, 137, 38-45.	0.7	7
34	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	21.4	870
35	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	27.8	1,204
36	Next-generation genotype imputation service and methods. <i>Nature Genetics</i> , 2016, 48, 1284-1287.	21.4	2,828

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37	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
38	Generation and gene expression profiling of 48 transcription-factor-inducible mouse embryonic stem cell lines. <i>Scientific Reports</i> , 2016, 6, 25667.	3.3	19
39	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
40	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13366-13371.	7.1	110
41	Induction of specific neuron types by overexpression of single transcription factors. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 961-973.	1.5	15
42	Novel action of FOXL2 as mediator of Col1a2 gene autoregulation. <i>Developmental Biology</i> , 2016, 416, 200-211.	2.0	9
43	Identification of potassium and chloride channels in eccrine sweat glands. <i>Journal of Dermatological Science</i> , 2016, 81, 129-131.	1.9	12
44	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182.	2.1	178
45	Eccrine sweat gland development and sweat secretion. <i>Experimental Dermatology</i> , 2015, 24, 644-650.	2.9	149
46	Assessing Mitochondrial DNA Variation and Copy Number in Lymphocytes of ~2,000 Sardinians Using Tailored Sequencing Analysis Tools. <i>PLoS Genetics</i> , 2015, 11, e1005306.	3.5	123
47	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
48	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
49	Genome-wide association study of susceptibility loci for breast cancer in Sardinian population. <i>BMC Cancer</i> , 2015, 15, 383.	2.6	12
50	ExAtlas: An interactive online tool for meta-analysis of gene expression data. <i>Journal of Bioinformatics and Computational Biology</i> , 2015, 13, 1550019.	0.8	58
51	Genome-wide association analyses based on whole-genome sequencing in Sardinia provide insights into regulation of hemoglobin levels. <i>Nature Genetics</i> , 2015, 47, 1264-1271.	21.4	66
52	Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. <i>Nature Genetics</i> , 2015, 47, 1272-1281.	21.4	193
53	Height-reducing variants and selection for short stature in Sardinia. <i>Nature Genetics</i> , 2015, 47, 1352-1356.	21.4	96
54	FOXL2 modulates cartilage, skeletal development and IGF1-dependent growth in mice. <i>BMC Developmental Biology</i> , 2015, 15, 27.	2.1	27

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55	Rare variant genotype imputation with thousands of study-specific whole-genome sequences: implications for cost-effective study designs. <i>European Journal of Human Genetics</i> , 2015, 23, 975-983.	2.8	92
56	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	3.5	150
57	Arterial stiffness and influences of the metabolic syndrome: A cross-countries study. <i>Atherosclerosis</i> , 2014, 233, 654-660.	0.8	116
58	SOX9 accelerates ESC differentiation to three germ layer lineages by repressing SOX2 expression through P21 (WAF1/CIP1). <i>Development (Cambridge)</i> , 2014, 141, 4254-4266.	2.5	22
59	Involvement of Wnt, Eda and Shh at defined stages of sweat gland development. <i>Development (Cambridge)</i> , 2014, 141, 3752-3760.	2.5	57
60	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
61	Prevalence of CKD and Its Relationship to eGFR-Related Genetic Loci and Clinical Risk Factors in the SardinIA Study Cohort. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1533-1544.	6.1	36
62	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.	21.4	281
63	Identification of Transcription Factors for Lineage-Specific ESC Differentiation. <i>Stem Cell Reports</i> , 2013, 1, 545-559.	4.8	76
64	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
65	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	27.8	401
66	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	27.8	1,789
67	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
68	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
69	Determination and Stability of Gonadal Sex. <i>Journal of Andrology</i> , 2010, 31, 16-25.	2.0	46
70	The GLUT9 Gene is Associated with Serum Uric Acid Levels in Sardinia and Chianti Cohorts. <i>PLoS Genetics</i> , 2005, preprint, e194.	3.5	1
71	Genes and translocations involved in POF. <i>American Journal of Medical Genetics Part A</i> , 2002, 111, 328-333.	2.4	146
72	The putative forkhead transcription factor FOXL2 is mutated in blepharophimosis/ptosis/epicanthus inversus syndrome. <i>Nature Genetics</i> , 2001, 27, 159-166.	21.4	886

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73	PLAC1, an Xq26 Gene with Placenta-Specific Expression. <i>Genomics</i> , 2000, 68, 305-312.	2.9	95
74	Gpc3 expression correlates with the phenotype of the Simpson-Golabi-Behmel syndrome. <i>Developmental Dynamics</i> , 1998, 213, 431-439.	1.8	104