Toni I Pollin

List of Publications by Year
in descending order

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63 papers	5,390 citations	201674 27 h-index	123424 61 g-index
64 all docs	64 docs citations	64 times ranked	10138 citing authors

#	Article	IF	Citations
1	Association of Cytochrome P450 2C19 Genotype With the Antiplatelet Effect and Clinical Efficacy of Clopidogrel Therapy. JAMA - Journal of the American Medical Association, 2009, 302, 849.	7.4	1,319
2	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
3	A Null Mutation in Human APOC3 Confers a Favorable Plasma Lipid Profile and Apparent Cardioprotection. Science, 2008, 322, 1702-1705.	12.6	588
4	Multisite Investigation of Outcomes WithÂImplementation of CYP2C19 Genotype-Guided Antiplatelet Therapy After Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2018, 11, 181-191.	2.9	213
5	The IGNITE network: a model for genomic medicine implementation and research. BMC Medical Genomics, 2015, 9, 1.	1.5	189
6	Heritability of life span in the Old Order Amish. American Journal of Medical Genetics Part A, 2001, 102, 346-352.	2.4	175
7	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: Overcoming Challenges of Real-World Implementation. Clinical Pharmacology and Therapeutics, 2013, 94, 207-210.	4.7	164
8	Linkage of Plasma Adiponectin Levels to 3q27 Explained by Association With Variation in the APM1 Gene. Diabetes, 2005, 54, 268-274.	0.6	104
9	Challenges and strategies for implementing genomic services in diverse settings: experiences from the Implementing GeNomics In pracTicE (IGNITE) network. BMC Medical Genomics, 2017, 10, 35.	1.5	99
10	An openly available online tool for implementing the ACMG/AMP standards and guidelines for the interpretation of sequence variants. Genetics in Medicine, 2016, 18, 1165.	2.4	97
11	Physician-Reported Benefits and Barriers to Clinical Implementation of Genomic Medicine: A Multi-Site IGNITE-Network Survey. Journal of Personalized Medicine, 2018, 8, 24.	2.5	95
12	Undiagnosed MODY: Time for Action. Current Diabetes Reports, 2015, 15, 110.	4.2	88
13	Implementation of pharmacogenetics: The University of Maryland personalized antiâ€platelet pharmacogenetics program. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 76-84.	1.6	82
14	A rare functional cardioprotective APOC3 variant has risen in frequency in distinct population isolates. Nature Communications, 2013, 4, 2872.	12.8	77
15	Monogenic diabetes: a gateway to precision medicine in diabetes. Journal of Clinical Investigation, 2021, 131, .	8.2	77
16	Personalized medicine in diabetes mellitus: current opportunities and future prospects. Annals of the New York Academy of Sciences, 2015, 1346, 45-56.	3.8	69
17	Monogenic diabetes in overweight and obese youth diagnosed with type 2 diabetes: the TODAY clinical trial. Genetics in Medicine, 2018, 20, 583-590.	2.4	68
18	A genome-wide scan of serum lipid levels in the Old Order Amish. Atherosclerosis, 2004, 173, 89-96.	0.8	66

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19	Effects of APOC3 Heterozygous Deficiency on Plasma Lipid and Lipoprotein Metabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 63-72.	2.4	61
20	Developing a common framework for evaluating the implementation of genomic medicine interventions in clinical care: the IGNITE Networkâ€™s Common Measures Working Group. Genetics in Medicine, 2018, 20, 655-663.	2.4	50
21	Evidence for several independent genetic variants affecting lipoprotein (a) cholesterol levels. Human Molecular Genetics, 2015, 24, 2390-2400.	2.9	47
22	A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
23	Investigations of the Y Chromosome, Male Founder Structure and YSTR Mutation Rates in the Old Order Amish. Human Heredity, 2008, 65, 91-104.	0.8	41
24	Triglyceride Response to an Intensive Lifestyle Intervention Is Enhanced in Carriers of theGCKRPro446Leu Polymorphism. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1142-E1147.	3.6	37
25	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. Diabetes, 2016, 65, 520-526.	0.6	34
26	Genome-wide association study of triglyceride response to a high-fat meal among participants of the NHLBI Genetics of Lipid Lowering Drugs and Diet Network (GOLDN). Metabolism: Clinical and Experimental, 2015, 64, 1359-1371.	3.4	33
27	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
28	Advances in the Genetics of Youth-Onset Type 2 Diabetes. Current Diabetes Reports, 2018, 18, 57.	4.2	30
29	Genetic Modulation of Lipid Profiles following Lifestyle Modification or Metformin Treatment: The Diabetes Prevention Program. PLoS Genetics, 2012, 8, e1002895.	3.5	29
30	Evaluating the contribution of rare variants to type 2 diabetes and related traits using pedigrees. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 379-384.	7.1	28
31	A stepwise approach to implementing pharmacogenetic testing in the primary care setting. Pharmacogenomics, 2019, 20, 1103-1112.	1.3	27
32	Qualitative study of system-level factors related to genomic implementation. Genetics in Medicine, 2019, 21, 1534-1540.	2.4	26
33	Epigenetics Variation and Pathogenesis in Diabetes. Current Diabetes Reports, 2018, 18, 121.	4.2	24
34	Evaluation of the Informational Content, Readability and Comprehensibility of Online Health Information on Monogenic Diabetes. Journal of Genetic Counseling, 2018, 27, 608-615.	1.6	22
35	Identity-by-Descent Mapping Identifies Major Locus for Serum Triglycerides in Amerindians Largely Explained by an APOC3 Founder Mutation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	21
36	Monogenic Diabetes in Youth With Presumed Type 2 Diabetes: Results From the Progress in Diabetes Genetics in Youth (ProDiGY) Collaboration. Diabetes Care, 2021, 44, 2312-2319.	8.6	21

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37	The Genetic Architecture of Diabetes in Pregnancy: Implications for Clinical Practice. American Journal of Perinatology, 2016, 33, 1319-1326.	1.4	20
38	What We Know About Diet, Genes, and Dyslipidemia: Is There Potential for Translation?. Current Nutrition Reports, 2013, 2, 236-242.	4.3	19
39	Gender differences in first and secondhand smoke exposure, spirometric lung function and cardiometabolic health in the old order Amish: A novel population without female smoking. PLoS ONE, 2017, 12, e0174354.	2.5	19
40	User-centered design of multi-gene sequencing panel reports for clinicians. Journal of Biomedical Informatics, 2016, 63, 1-10.	4.3	18
41	Epigenetics and Diabetes Risk: Not Just for Imprinting Anymore?. Diabetes, 2011, 60, 1859-1860.	0.6	16
42	Genetic Counseling for Diabetes Mellitus. Current Genetic Medicine Reports, 2014, 2, 56-67.	1.9	16
43	Variation in Maturity-Onset Diabetes of the Young Genes Influence Response to Interventions for Diabetes Prevention. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2678-2689.	3.6	16
44	Risk of abnormal pregnancy outcome in carriers of balanced reciprocal translocations involving the Miller-Dieker syndrome (MDS) critical region in chromosome 17p13.3. , 1999, 85, 369-375.		13
45	Strategies to Integrate Genomic Medicine into Clinical Care: Evidence from the IGNITE Network. Journal of Personalized Medicine, 2021, 11, 647.	2.5	13
46	Addendum: A practice guideline from the American College of Medical Genetics and Genomics and the National Society of Genetic Counselors: referral indications for cancer predisposition assessment. Genetics in Medicine, 2019, 21, 2844.	2.4	12
47	Prevalence, control, and treatment of diabetes, hypertension, and high cholesterol in the Amish. BMJ Open Diabetes Research and Care, 2020, 8, e000912.	2.8	12
48	Familial Aggregation of Tobacco Use Behaviors Among Amish Men. Nicotine and Tobacco Research, 2014, 16, 923-930.	2.6	11
49	Functional analysis of PCSK2 coding variants: A founder effect in the Old Order Amish population. Diabetes Research and Clinical Practice, 2017, 131, 82-90.	2.8	9
50	Positive association between Toxoplasma gondii IgG serointensity and current dysphoria/hopelessness scores in the Old Order Amish: a preliminary study. Pteridines, 2017, 28, 185-194.	0.5	8
51	Toxoplasma gondii Serointensity and Seropositivity: Heritability and Household-Related Associations in the Old Order Amish. International Journal of Environmental Research and Public Health, 2019, 16, 3732.	2.6	8
52	KCNQ1 and Long QT Syndrome in 1/45 Amish. Circulation Genomic and Precision Medicine, 2020, 13, e003133.	3.6	7
53	IGNITE network: Response of patients to genomic medicine interventions. Molecular Genetics & Genomic Medicine, 2019, 7, e636.	1.2	6
54	Self-Reported Sleep Duration and Pattern in Old Order Amish and Non-Amish Adults. Journal of Clinical Sleep Medicine, 2019, 15, 1321-1328.	2.6	6

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55	Patient perspectives on the diagnostic journey to a monogenic diabetes diagnosis: Barriers and facilitators. Journal of Genetic Counseling, 2020, 29, 1106-1113.	1.6	6
56	Model for Integration of Monogenic Diabetes Diagnosis Into Routine Care: The Personalized Diabetes Medicine Program. Diabetes Care, 2022, 45, 1799-1806.	8.6	6
57	Heritability of plasma neopterin levels in the Old Order Amish. Journal of Neuroimmunology, 2017, 307, 37-41.	2.3	5
58	The burden of pathogenic variants in clinically actionable genes in a founder population. American Journal of Medical Genetics, Part A, 2021, 185, 3476-3484.	1.2	4
59	Biallelic truncating variants in the muscular Aâ€type laminâ€interacting protein (MLIP) gene cause myopathy with hyperCKemia. European Journal of Neurology, 2021, , .	3.3	4
60	YIPF5 mutations cause neonatal diabetes and microcephaly: progress for precision medicine and mechanistic understanding. Journal of Clinical Investigation, 2020, 130, 6228-6231.	8.2	3
61	Parkinsonâ€™s Disease-Related Motor and Nonmotor Symptoms in the Lancaster Amish. Neuroepidemiology, 2020, 54, 392-397.	2.3	1
62	Choices in gene mapping: populations and family structures. , 2005, , .		0
63	Impact of parental relatedness on reproductive outcomes among the Old Order Amish of Lancaster County. American Journal of Medical Genetics, Part A, 2022, , .	1.2	0