William J Lane

List of Publications by Year
in descending order

27 papers	4,504 citations	759190 12 h-index	580810 25 g-index
28 all docs	28 docs citations	28 times ranked	6812 citing authors

#	Article	IF	Citations
1	An immunogenic personal neoantigen vaccine for patients with melanoma. Nature, 2017, 547, 217-221.	27.8	2,112
2	Neoantigen vaccine generates intratumoral T cell responses in phase Ib glioblastoma trial. Nature, 2019, 565, 234-239.	27.8	956
3	Mass Spectrometry Profiling of HLA-Associated Peptidomes in Mono-allelic Cells Enables More Accurate Epitope Prediction. Immunity, 2017, 46, 315-326.	14.3	596
4	A large peptidome dataset improves HLA class I epitope prediction across most of the human population. Nature Biotechnology, 2020, 38, 199-209.	17.5	324
5	A systematic approach to the reporting of medically relevant findings from whole genome sequencing. BMC Medical Genetics, 2014, 15, 134.	2.1	84
6	Comprehensive red blood cell and platelet antigen prediction from whole genome sequencing: proof of principle. Transfusion, 2016, 56, 743-754.	1.6	81
7	Automated typing of red blood cell and platelet antigens: a whole-genome sequencing study. Lancet Haematology,the, 2018, 5, e241-e251.	4.6	70
8	Recurrent genetic HLA loss in AML relapsed after matched unrelated allogeneic hematopoietic cell transplantation. Blood Advances, 2019, 3, 2199-2204.	5.2	52
9	A cloning and expression system to probe T-cell receptor specificity and assess functional avidity to neoantigens. Blood, 2018, 132, 1911-1921.	1.4	44
10	A One-Page Summary Report of Genome Sequencing for the Healthy Adult. Public Health Genomics, 2015, 18, 123-129.	1.0	37
11	Automated typing of red blood cell and platelet antigens from whole exome sequences. Transfusion, 2019, 59, 3253-3263.	1.6	32
12	Development and validation of a universal blood donor genotyping platform: a multinational prospective study. Blood Advances, 2020, 4, 3495-3506.	5.2	31
13	A whole genome approach for discovering the genetic basis of blood group antigens: independent confirmation for P1 and Xg^a. Transfusion, 2019, 59, 908-915.	1.6	13
14	Multiple *GYPB* gene deletions associated with the Uâ˜’ phenotype in those of African ancestry. Transfusion, 2020, 60, 1294-1307.	1.6	12
15	Reversal of viral and epigenetic HLA class I repression in Merkel cell carcinoma. Journal of Clinical Investigation, 2022, 132, .	8.2	10
16	The ongoing evolution of the core curriculum of a clinical fellowship in pathology informatics. Journal of Pathology Informatics, 2014, 5, 22.	1.7	9
17	Recommendation for validation and quality assurance of nonâ€invasive prenatal testing for foetal blood groups and implications for IVD risk classification according to EU regulations. Vox Sanguinis, 2022, 117, 157-165.	1.5	7
18	PIGG defines the Emm blood group system. Scientific Reports, 2021, 11, 18545.	3.3	7

#	Article	IF	Citations
19	Pathology informatics fellowship training: Focus on molecular pathology. Journal of Pathology Informatics, 2014, 5, 11.	1.7	6
20	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Anaheim 2015. Blood Transfusion, 2016, 14, 557-565.	0.4	6
21	Overcoming the challenges of interpreting complex and uncommon RH alleles from whole genomes. Vox Sanguinis, 2020, 115, 790-801.	1.5	5
22	Blood Group Genotyping. Advances in Molecular Pathology, 2021, 4, 127-143.	0.4	3
23	Environmental components and methods for engaging pathology residents in informatics training. Journal of Pathology Informatics, 2015, 6, 42.	0.6	3
24	Novel or not? Reference alleles, genes, and genomes to unmask the true nature of the *ABO*AW.10* allele associated with weak A phenotype. Transfusion, 2022, 62, 721-724.	1.6	2
25	Development of a Calculated Panel Reactive Antibody Web Service with Local Frequencies for Platelet Transfusion Refractoriness Risk Stratification. Journal of Pathology Informatics, 2019, 10, 26.	1.7	1
26	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Orlando 2016. Blood Transfusion, 2018, 16, 447-456.	0.4	1
27	Next Generation Sequencing for Blood Group Antigen Profiling. Blood, 2016, 128, SCI-24-SCI-24.	1.4	0