RESEARCH & PUBLICATIONS

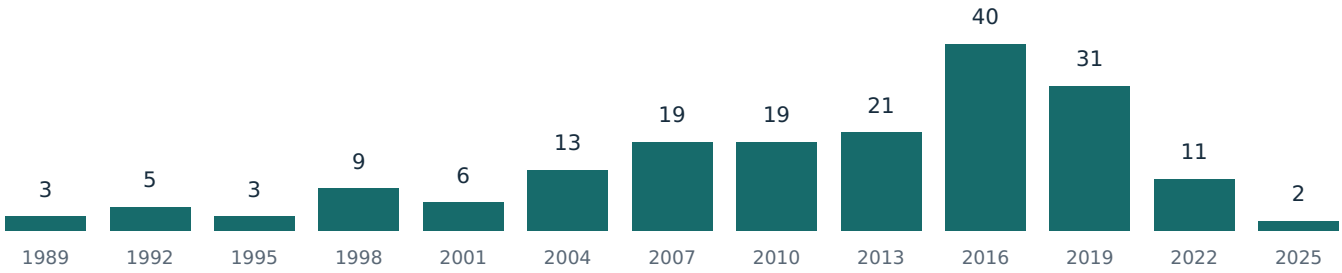
Willem H. Ouwehand

A publication record at a glance

182	32,233	76
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

Large-Scale Cis- and Trans-eQTL Analyses Identify Thousands of Genetic Loci and Polygenic Scores That Regulate Blood Gene Expression — 2,180

2021 Nature Genetics

Genomewide Association Analysis of Coronary Artery Disease — 1,892

2007 New England Journal of Medicine

Genomic Atlas of the Human Plasma Proteome — 1,855

2018 Nature

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Ordered by publication year, newest first

2025

01 The Common, VTE-Protective, G Haplotype of F5 Increases Factor V-Short, TFPI Function, and Risk of Bleeding — 2 citations

Blood Advances · 9, 132-142

https://exaly.com/article/193460041

02 Array Genotyping of Transfusion-Relevant Blood Cell Antigens in 6946 Ancestrally Diverse Study Participants — 14 citations

Blood · 146, 1511-1524

https://exaly.com/article/201811143

2024

03 Genome-Wide Meta-Analyses of Restless Legs Syndrome Yield Insights Into Genetic Architecture, Disease Biology and Risk Prediction — 72 citations

Nature Genetics · 56, 1090-1099

https://exaly.com/article/185863123

2023

04 The Effects of Pathogenic and Likely Pathogenic Variants for Inherited Hemostasis Disorders in 140 214 UK Biobank Participants — 21 citations

Blood · 142, 2055-2068

https://exaly.com/article/167366718

05 A Signature of Platelet Reactivity in CBC Scattergrams Reveals Genetic Predictors of Thrombotic Disease Risk — 8 citations

Blood · 142, 1895-1908

https://exaly.com/article/167383760

06 A Genome-Wide Association Study of Blood Cell Morphology Identifies Cellular Proteins Implicated in Disease Aetiology — 27 citations

Nature Communications · 14, 1-19

https://exaly.com/article/168205254

07 Detection and Annotation of Transposable Element Insertions and Deletions on the Human Genome Using Nanopore Sequencing — 11 citations

IScience · 26, 108214

https://exaly.com/article/170615916

2022

08 G protein–coupled receptor kinase 5 regulates thrombin signaling in platelets via PAR-1 — 25 citations

Blood Advances · 6, 2319-2330

https://exaly.com/article/82080553

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2022 / continued

09 **Circular RNAs Exhibit Limited Evidence for Translation, or Translation Regulation of the mRNA Counterpart in Terminal Hematopoiesis** — 15 citations

Rna · 28, 194-209

https://exaly.com/article/120735034

10 **Machine Learning Optimized Polygenic Scores for Blood Cell Traits Identify Sex-Specific Trajectories and Genetic Correlations With Disease** — 22 citations

Cell Genomics · 2, 100086

https://exaly.com/article/125250760

11 **Whole-Exome Sequencing Identifies Rare Genetic Variants Associated With Human Plasma Metabolites** — 37 citations

American Journal of Human Genetics · 109, 1038-1054

https://exaly.com/article/145256193

12 **Long-Read Sequencing Identifies the First Retrotransposon Insertion and Resolves Structural Variants Causing Antithrombin Deficiency** — 25 citations

Thrombosis and Haemostasis · 122, 1369-1378

https://exaly.com/article/148889690

13 **Systematic Mendelian Randomization Using the Human Plasma Proteome to Discover Potential Therapeutic Targets for Stroke** — 122 citations

Nature Communications · 13, 1-14

https://exaly.com/article/155785786

2021

14 **Cell Type-Specific Novel Long Non-Coding RNA and Circular RNA in the BLUEPRINT Hematopoietic Transcriptomes Atlas** — 24 citations

Haematologica · 106, 2613-2623

https://exaly.com/article/75843442

15 **Neutrophil Specific Granule and NETosis Defects in Gray Platelet Syndrome** — 29 citations

Blood Advances · 5, 549-564

https://exaly.com/article/78462503

16 **A Genome-Wide Meta-Analysis Yields 46 New Loci Associating With Biomarkers of Iron Homeostasis** — 141 citations

Communications Biology · 4, 1-14

https://exaly.com/article/79196580

17 **Transcriptional Characterization of Human Megakaryocyte Polyploidization and Lineage Commitment** — 25 citations

Journal of Thrombosis and Haemostasis · 19, 1236-1249

https://exaly.com/article/79559560

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2021 / continued

18 Effects of Adiposity on the Human Plasma Proteome: Observational and Mendelian Randomisation Estimates
53 citations
International Journal of Obesity · 45, 2221-2229
https://exaly.com/article/81590177

19 Mitochondrial DNA Variants Modulate N-Formylmethionine, Proteostasis and Risk of Late-Onset Human Diseases
62 citations
Nature Medicine · 27, 1564-1575
https://exaly.com/article/81936750

20 Large-Scale Cis- and Trans-eQTL Analyses Identify Thousands of Genetic Loci and Polygenic Scores That Regulate Blood Gene Expression
2,180 citations
Nature Genetics · 53, 1300-1310
https://exaly.com/article/82389176

21 Elevated Levels of Tissue Factor Pathway Inhibitor in Patients With Mild to Moderate Bleeding Tendency
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Blood Advances · 5, 391-398
https://exaly.com/article/82721363

22 Investigating Rare Pathogenic/Likely Pathogenic Exonic Variation in Bipolar Disorder
17 citations
Molecular Psychiatry · 26, 5239-5250
https://exaly.com/article/82933489

23 Polygenic Basis and Biomedical Consequences of Telomere Length Variation
330 citations
Nature Genetics · 53, 1425-1433
https://exaly.com/article/91195336

24 Comparison of Four Methods to Measure Haemoglobin Concentrations in Whole Blood Donors (COMPARE): A Diagnostic Accuracy Study
29 citations
Transfusion Medicine · 31, 94-103
https://exaly.com/article/118904433

25 Integrative Analysis of the Plasma Proteome and Polygenic Risk of Cardiometabolic Diseases
84 citations
Nature Metabolism · 3, 1476-1483
https://exaly.com/article/120743235

2020

26 The Role of Haematological Traits in Risk of Ischaemic Stroke and Its Subtypes
56 citations
Brain · 143, 210-221
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2020 / continued

27 The Polygenic and Monogenic Basis of Blood Traits and Diseases
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Cell · 182, 1214-1231.e11
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28 Large Genome-Wide Association Study Identifies Three Novel Risk Variants for Restless Legs Syndrome
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Communications Biology · 3, 1-9
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29 Development and Validation of a Universal Blood Donor Genotyping Platform: A Multinational Prospective Study
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Blood Advances · 4, 3495-3506
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30 Novel Manifestations of Immune Dysregulation and Granule Defects in Gray Platelet Syndrome
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Blood · 136, 1956-1967
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31 Trans-Ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals From 5 Global Populations
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Cell · 182, 1198-1213.e14
https://exaly.com/article/76232010

32 Treatment of COVID-19 With Remdesivir in the Absence of Humoral Immunity: A Case Report
108 citations
Nature Communications · 11, 1-11
https://exaly.com/article/76380356

33 Whole-Genome Sequencing of a Sporadic Primary Immunodeficiency Cohort
215 citations
Nature · 583, 90-95
https://exaly.com/article/76620936

34 Whole-Genome Sequencing of Patients With Rare Diseases in a National Health System
486 citations
Nature · 583, 96-102
https://exaly.com/article/76800396

35 The Influence of Rare Variants in Circulating Metabolic Biomarkers
16 citations
PLoS Genetics · 16, e1008605
https://exaly.com/article/76929241

Ordered by publication year, newest first

2020 / continued

36 Mutational and Phenotypic Characterization of Hereditary Hemorrhagic Telangiectasia
72 citations
Blood · 136, 1907-1918
https://exaly.com/article/77148726

37 A Coagulation Defect Arising From Heterozygous Premature Termination of Tissue Factor
25 citations
Journal of Clinical Investigation · 130, 5302-5312
https://exaly.com/article/86365120

2019

38 Longer-Term Efficiency and Safety of Increasing the Frequency of Whole Blood Donation (INTERVAL): Extension Study of a Randomised Trial of 20 757 Blood Donors
22 citations
Lancet Haematology,the · 6, e510-e520
https://exaly.com/article/71996958

39 Germline Mutations in the Transcription Factor IKZF5 Cause Thrombocytopenia
41 citations
Blood · 134, 2070-2081
https://exaly.com/article/72245827

40 A Catalog of Genetic Loci Associated With Kidney Function From Analyses of a Million Individuals
736 citations
Nature Genetics · 51, 957-972
https://exaly.com/article/73060290

41 Curated Disease-Causing Genes for Bleeding, Thrombotic, and Platelet Disorders: Communication From the SSC of the ISTH
92 citations
Journal of Thrombosis and Haemostasis · 17, 1253-1260
https://exaly.com/article/73139593

42 Diagnostic High-Throughput Sequencing of 2396 Patients With Bleeding, Thrombotic, and Platelet Disorders
216 citations
Blood · 134, 2082-2091
https://exaly.com/article/73187122

43 How Common Are Single Gene Mutations as a Cause for Lacunar Stroke?
38 citations
Neurology · 93, e2007-e2020
https://exaly.com/article/74173715

44 Sphingolipid Dysregulation Due to Lack of Functional KDSR Impairs Proplatelet Formation Causing Thrombocytopenia
40 citations
Haematologica · 104, 1036-1045
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2018

45 Identification of Rare Sequence Variation Underlying Heritable Pulmonary Arterial Hypertension
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Nature Communications · 9, 1-16
https://exaly.com/article/68972710

46 Loss-of-Function Nuclear Factor κB Subunit 1 (NFKB1) Variants Are the Most Common Monogenic Cause of Common Variable Immunodeficiency in Europeans
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Journal of Allergy and Clinical Immunology · 142, 1285-1296
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47 Nbeal2 Interacts With Dock7, Sec16a, and Vac14
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Blood · 131, 1000-1011
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48 Complex Structural Variants in Mendelian Disorders: Identification and Breakpoint Resolution Using Short- and Long-Read Genome Sequencing
144 citations
Genome Medicine · 10, 1-10
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49 GNE Variants Causing Autosomal Recessive Macrothrombocytopenia Without Associated Muscle Wasting
55 citations
Blood · 132, 1851-1854
https://exaly.com/article/70699127

50 Dynamics of Transcription Regulation in Human Bone Marrow Myeloid Differentiation to Mature Blood Neutrophils
126 citations
Cell Reports · 24, 2784-2794
https://exaly.com/article/70965036

51 Phenotype Description and Response to Thrombopoietin Receptor Agonist in DIAPH1-Related Disorder
42 citations
Blood Advances · 2, 2341-2346
https://exaly.com/article/71012155

52 Automated Typing of Red Blood Cell and Platelet Antigens: A Whole-Genome Sequencing Study
83 citations
Lancet Haematology,the · 5, e241-e251
https://exaly.com/article/71051381

53 De Novo Truncating Mutations in WASF1 Cause Intellectual Disability With Seizures
36 citations
American Journal of Human Genetics · 103, 144-153
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2018 / continued

54 **Genomic Atlas of the Human Plasma Proteome**
Nature · 558, 73-79
https://exaly.com/article/71719768
1,855 citations

55 **Congenital Macrothrombocytopenia With Focal Myelofibrosis Due to Mutations in Human G6b-B Is Rescued in Humanized Mice**
Blood · 132, 1399-1412
https://exaly.com/article/71732722
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2017

56 **The Human Phenotype Ontology in 2017.**
Nucleic Acids Research · 45, D865-D876
https://exaly.com/article/65926743
659 citations

57 **Rare Variants in GP1BB Are Responsible for Autosomal Dominant Macrothrombocytopenia**
Blood · 129, 520-524
https://exaly.com/article/65976546
49 citations

58 **Germline Variants in ETV6 Underlie Reduced Platelet Formation, Platelet Dysfunction and Increased Levels of Circulating CD34+ Progenitors**
Haematologica · 102, 282-294
https://exaly.com/article/66020148
93 citations

59 **Megakaryocytes in Myeloproliferative Neoplasms Have Unique Somatic Mutations**
American Journal of Pathology · 187, 1512-1522
https://exaly.com/article/66247536
21 citations

60 **Common Genetic Variation Drives Molecular Heterogeneity in Human iPSCs**
Nature · 546, 370-375
https://exaly.com/article/66282494
509 citations

61 **Detection of Atherosclerotic Inflammation by 68Ga-DOTATATE PET Compared to [18F]FDG PET Imaging.**
Journal of the American College of Cardiology · 69, 1774-1791
https://exaly.com/article/66540150
436 citations

62 **Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease**
American Journal of Human Genetics · 100, 75-90
https://exaly.com/article/66728173
427 citations

Ordered by publication year, newest first

2017 / continued

63 Dawning of the Age of Genomics for Platelet Granule Disorders: Improving Insight, Diagnosis and Management — 29 citations
British Journal of Haematology · 176, 705-720
https://exaly.com/article/66784750

64 Identification of Novel Risk Loci for Restless Legs Syndrome in Genome-Wide Association Studies in Individuals of European Ancestry: A Meta-Analysis — 236 citations
Lancet Neurology, The · 16, 898-907
https://exaly.com/article/66901105

65 Efficiency and Safety of Varying the Frequency of Whole Blood Donation (INTERVAL): A Randomised Trial of 45 000 Donors — 237 citations
Lancet, The · 390, 2360-2371
https://exaly.com/article/67003573

66 Platelet Function Is Modified by Common Sequence Variation in Megakaryocyte Super Enhancers — 47 citations
Nature Communications · 8, 1-12
https://exaly.com/article/67522121

67 Expanded Repertoire of RASGRP2 Variants Responsible for Platelet Dysfunction and Severe Bleeding — 41 citations
Blood · 130, 1026-1030
https://exaly.com/article/67612112

68 Chromosome Contacts in Activated T Cells Identify Autoimmune Disease Candidate Genes — 64 citations
Genome Biology · 18, 1-19
https://exaly.com/article/68489618

69 Mutations in Tropomyosin 4 Underlie a Rare Form of Human Macrothrombocytopenia — 72 citations
Journal of Clinical Investigation · 127, 814-829
https://exaly.com/article/86374032

70 NBEAL2 Is Required for Neutrophil and NK Cell Function and Pathogen Defense — 36 citations
Journal of Clinical Investigation · 127, 3521-3526
https://exaly.com/article/86374422

2016

71 Increased DNA Methylation Variability in Type 1 Diabetes Across Three Immune Effector Cell Types — 145 citations
Nature Communications · 7, 1-11
https://exaly.com/article/63558758

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72 A Dominant Gain-of-Function Mutation in Universal Tyrosine Kinase SRC Causes Thrombocytopenia, Myelofibrosis, Bleeding, and Bone Pathologies
108 citations
Science Translational Medicine · 8, 328ra30
https://exaly.com/article/63711780

73 A High-Throughput Sequencing Test for Diagnosing Inherited Bleeding, Thrombotic, and Platelet Disorders
179 citations
Blood · 127, 2791-2803
https://exaly.com/article/64170797

74 Inherited Platelet Disorders: Toward DNA-Based Diagnosis
140 citations
Blood · 127, 2814-2823
https://exaly.com/article/64204270

75 eFORGE: A Tool for Identifying Cell Type-Specific Signal in Epigenomic Data
109 citations
Cell Reports · 17, 2137-2150
https://exaly.com/article/64536666

76 A Gain-of-Function Variant in DIAPH1 Causes Dominant Macrothrombocytopenia and Hearing Loss
157 citations
Blood · 127, 2903-2914
https://exaly.com/article/64596982

77 Lineage-Specific Genome Architecture Links Enhancers and Non-Coding Disease Variants to Target Gene Promoters
813 citations
Cell · 167, 1369-1384.e19
https://exaly.com/article/64694358

78 The Allelic Landscape of Human Blood Cell Trait Variation and Links to Common Complex Disease
1,013 citations
Cell · 167, 1415-1429.e19
https://exaly.com/article/64694362

79 Distinct Trends of DNA Methylation Patterning in the Innate and Adaptive Immune Systems
58 citations
Cell Reports · 17, 2101-2111
https://exaly.com/article/64694381

80 DNA Methylation Dynamics of Human Hematopoietic Stem Cell Differentiation
251 citations
Cell Stem Cell · 19, 808-822
https://exaly.com/article/64694891

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2016 / continued

81 **Genetic Drivers of Epigenetic and Transcriptional Variation in Human Immune Cells** — 521 citations

Cell · 167, 1398-1414.e24

https://exaly.com/article/64700891

82 **Large-Scale Production of Megakaryocytes From Human Pluripotent Stem Cells by Chemically Defined Forward Programming** — 234 citations

Nature Communications · 7, 1-16

https://exaly.com/article/64715141

83 **Recruitment and Representativeness of Blood Donors in the INTERVAL Randomised Trial Assessing Varying Inter-Donation Intervals** — 20 citations

Trials · 17, 1-12

https://exaly.com/article/64949067

84 **Rare Loss-of-Function Variants in SETD1A Are Associated With Schizophrenia and Developmental Disorders** — 402 citations

Nature Neuroscience · 19, 571-577

https://exaly.com/article/65566662

2015

85 **Leukemia-Associated Somatic Mutations Drive Distinct Patterns of Age-Related Clonal Hemopoiesis** — 515 citations

Cell Reports · 10, 1239-1245

https://exaly.com/article/61204723

86 **Human Phenotype Ontology Annotation and Cluster Analysis to Unravel Genetic Defects in 707 Cases With Unexplained Bleeding and Platelet Disorders.** — 122 citations

Genome Medicine · 7, 36

https://exaly.com/article/61275652

87 **αIIbβ3 Variants Defined by Next-Generation Sequencing: Predicting Variants Likely to Cause Glanzmann Thrombasthenia** — 41 citations

Proceedings of the National Academy of Sciences of the United States of America · 112, E1898-E1907

https://exaly.com/article/62310155

88 **181 Genes Involved in Platelet Activity and Thrombosis Are Overexpressed in Human CD34+ Derived Megakaryocytes Driven to High Ploidy** — 0 citations

Heart · 101, A102-A102

https://exaly.com/article/62475879

Ordered by publication year, newest first

2014

89 **Single Nucleotide Variants in the Protein C Pathway and Mortality in Dialysis Patients**
6 citations
PLoS ONE · 9, e97251
https://exaly.com/article/57404134

90 **The INTERVAL Trial to Determine Whether Intervals Between Blood Donations Can Be Safely and Acceptably Decreased to Optimise Blood Supply: Study Protocol for a Randomised Controlled Trial**
109 citations
Trials · 15, 1-11
https://exaly.com/article/57720606

91 **Common Genetic Variants Do Not Associate With CAD in Familial Hypercholesterolemia**
4 citations
European Journal of Human Genetics · 22, 809-813
https://exaly.com/article/57781711

92 **A Loss of Function Screen of Identified Genome-Wide Association Study Loci Reveals New Genes Controlling Hematopoiesis**
24 citations
PLoS Genetics · 10, e1004450
https://exaly.com/article/57912539

93 **DNA Methylation and Body-Mass Index: A Genome-Wide Analysis**
736 citations
Lancet, The · 383, 1990-1998
https://exaly.com/article/58896931

94 **The Human Phenotype Ontology Project: Linking Molecular Biology and Disease Through Phenotype Data.**
674 citations
Nucleic Acids Research · 42, D966-74
https://exaly.com/article/58936751

95 **Novel Loci Affecting Iron Homeostasis and Their Effects in Individuals at Risk for Hemochromatosis**
243 citations
Nature Communications · 5, 1-11
https://exaly.com/article/59029087

96 **Transcriptional Diversity During Lineage Commitment of Human Blood Progenitors**
264 citations
Science · 345, 1251033
https://exaly.com/article/59395760

97 **Defining the Role of Common Variation in the Genomic and Biological Architecture of Adult Human Height**
1,578 citations
Nature Genetics · 46, 1173-1186
https://exaly.com/article/59420546

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2014 / continued

98 Expression of a Single-Chain Human Leukocyte Antigen-DRA/DRB3*01:01 Molecule and Differential Binding of a Monoclonal Antibody in the Presence of Specifically Bound Human Platelet Antigen-1a Peptide
Transfusion · 54, 1478-1485
https://exaly.com/article/59479787
2 citations

99 Gray Platelet Syndrome: Proinflammatory Megakaryocytes and α-Granule Loss Cause Myelofibrosis and Confer Metastasis Resistance in Mice
Blood · 124, 3624-3635
https://exaly.com/article/59904545
95 citations

100 Single Nucleotide Polymorphisms With Cis-Regulatory Effects on Long Non-Coding Transcripts in Human Primary Monocytes
PLoS ONE · 9, e102612
https://exaly.com/article/87010185
6 citations

2013

101 New Insights Into the Genetic Basis of TAR (Thrombocytopenia-Absent Radii) Syndrome
Current Opinion in Genetics and Development · 23, 316-323
https://exaly.com/article/55055479
113 citations

102 Large-Scale Association Analysis Identifies New Risk Loci for Coronary Artery Disease
Nature Genetics · 45, 25-33
https://exaly.com/article/55355184
1,497 citations

103 Platelet Genomics
Platelets
https://exaly.com/article/55785757
2 citations

104 Maps of Open Chromatin Highlight Cell Type–Restricted Patterns of Regulatory Sequence Variation at Hematological Trait Loci
Genome Research · 23, 1130-1141
https://exaly.com/article/56176795
35 citations

105 Automatic Event Detection Within Thrombus Formation Based on Integer Programming
Lecture Notes in Computer Science
https://exaly.com/article/100427270
0 citations

Ordered by publication year, newest first

2012

106 **Bayesian Refinement of Association Signals for 14 Loci in 3 Common Diseases** — 411 citations
Nature Genetics · 44, 1294-1301
https://exaly.com/article/52614323

107 **Automatic Segmentation and Tracking of Thrombus Formation Within in Vitro Microscopic Video Sequences** — 1 citations
Journal unavailable
https://exaly.com/article/53419465

108 **Seventy-Five Genetic Loci Influencing the Human Red Blood Cell** — 293 citations
Nature · 492, 369-375
https://exaly.com/article/53469301

109 **Large-Scale Gene-Centric Meta-Analysis Across 32 Studies Identifies Multiple Lipid Loci** — 221 citations
American Journal of Human Genetics · 91, 823-838
https://exaly.com/article/53807685

110 **Compound Inheritance of a Low-Frequency Regulatory SNP and a Rare Null Mutation in Exon-Junction Complex Subunit RBM8A Causes TAR Syndrome** — 386 citations
Nature Genetics · 44, 435-439
https://exaly.com/article/54002478

111 **Comparison of Methods for Competitive Tests of Pathway Analysis** — 45 citations
PLoS ONE · 7, e41018
https://exaly.com/article/54053362

112 **Image-Based Characterization of Thrombus Formation in Time-Lapse DIC Microscopy** — 6 citations
Medical Image Analysis · 16, 915-931
https://exaly.com/article/54592551

2011

113 **The Role of meis1 in Primitive and Definitive Hematopoiesis During Zebrafish Development** — 39 citations
Haematologica · 96, 190-198
https://exaly.com/article/49955526

114 **Dindel: Accurate Indel Calls From Short-Read Data** — 424 citations
Genome Research · 21, 961-973
https://exaly.com/article/49988916

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115 Exome Sequencing Identifies NBEAL2 as the Causative Gene for Gray Platelet Syndrome
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Nature Genetics · 43, 735-737
https://exaly.com/article/50120674

116 New Gene Functions in Megakaryopoiesis and Platelet Formation
393 citations
Nature · 480, 201-208
https://exaly.com/article/50197150

117 Genome-Wide Analysis of Simultaneous GATA1/2, RUNX1, FLI1, and SCL Binding in Megakaryocytes Identifies Hematopoietic Regulators
293 citations
Developmental Cell · 20, 597-609
https://exaly.com/article/50249869

118 Association Between Walking Speed and Age in Healthy, Free-Living Individuals Using Mobile Accelerometry—A Cross-Sectional Study
183 citations
PLoS ONE · 6, e23299
https://exaly.com/article/50669799

119 Silencing of RhoA Nucleotide Exchange Factor, ARHGEF3, Reveals Its Unexpected Role in Iron Uptake
30 citations
Blood · 118, 4967-4976
https://exaly.com/article/50850298

120 Detection of Human Platelet Antigen-1a Alloantibodies in Cases of Fetomaternal Alloimmune Thrombocytopenia Using Recombinant β3 Integrin Fragments Coupled to Fluorescently Labeled Beads
17 citations
Transfusion · 51, 1261-1270
https://exaly.com/article/50984168

121 Joint Thrombus and Vessel Segmentation Using Dynamic Texture Likelihoods and Shape Prior
2 citations
Lecture Notes in Computer Science · 14, 579-586
https://exaly.com/article/83793425

2010

122 Platelets Release Novel Thiol Isomerase Enzymes Which Are Recruited to the Cell Surface Following Activation
95 citations
British Journal of Haematology · 148, 627-637
https://exaly.com/article/48491869

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2010 / continued

123 **Transcription Profiling in Human Platelets Reveals LRRFIP1 as a Novel Protein Regulating Platelet Function**
95 citations
Blood · 116, 4646-4656
https://exaly.com/article/49791819

124 **The Molecular Basis of Blood Cell Alloantigens**
2 citations
Journal unavailable
https://exaly.com/article/83113004

2009

125 **PECAM-1 Expression and Activity Negatively Regulate Multiple Platelet Signaling Pathways**
45 citations
FEBS Letters · 583, 3618-3624
https://exaly.com/article/46005860

126 **Cell-Specific Protein Phenotypes for the Autoimmune Locus IL2RA Using a Genotype-Selectable Human Bioresource**
259 citations
Nature Genetics · 41, 1011-1015
https://exaly.com/article/46336218

127 **Single Domain Antibodies Against the Collagen Signalling Receptor Glycoprotein VI Are Inhibitors of Collagen Induced Thrombus Formation**
22 citations
Platelets · 20, 268-76
https://exaly.com/article/47005918

128 **A Novel Variant on Chromosome 7q22.3 Associated With Mean Platelet Volume, Counts, and Function**
117 citations
Blood · 113, 3831-3837
https://exaly.com/article/47272013

129 **Functional Genomics in Zebrafish Permits Rapid Characterization of Novel Platelet Membrane Proteins**
74 citations
Blood · 113, 4754-4762
https://exaly.com/article/47272898

130 **Platelet and Neutrophil Antigens**
0 citations
Journal unavailable
https://exaly.com/article/144657428

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2008

131 Apheresis Donors and Platelet Function: Inherent Platelet Responsiveness Influences Platelet Quality
21 citations
Transfusion · 48, 673-680
https://exaly.com/article/43690030

132 A Single-Nucleotide Polymorphism in the Human ITGB3 Gene Is Associated With the Platelet-Specific Alloantigen Vaa (HPA-17bw) Involved in Fetal Maternal Alloimmune Thrombocytopenia
20 citations
Transfusion · 48, 1432-1438
https://exaly.com/article/43690176

133 Molecular Characteristics of Anti-Self Antibody Fragments Against Neutrophil Cytoplasmic Antigens From Human V Gene Phage Display Libraries
18 citations
Clinical and Experimental Immunology · 102, 566-574
https://exaly.com/article/43720431

134 Identification of Variation in the Platelet Transcriptome Associated With Glycoprotein 6 Haplotype
9 citations
Platelets · 19, 258-67
https://exaly.com/article/44296498

135 A Nonsynonymous SNP in the ITGB3 Gene Disrupts the Conserved Membrane-Proximal Cytoplasmic Salt Bridge in the αIIbβ3 Integrin and Cosegregates Dominantly With Abnormal Proplatelet Formation and Macrothrombocytopenia
105 citations
Blood · 111, 3407-3414
https://exaly.com/article/44893005

136 Developing Recombinant HPA-1a–Specific Antibodies With Abrogated Fcγ Receptor Binding for the Treatment of Fetomaternal Alloimmune Thrombocytopenia
49 citations
Journal of Clinical Investigation · 118, 2929-2938
https://exaly.com/article/86370034

2007

137 Genomewide Association Analysis of Coronary Artery Disease
1,892 citations
New England Journal of Medicine · 357, 443-53
https://exaly.com/article/41434247

138 Structural Basis for the Platelet-Collagen Interaction: The Smallest Motif Within Collagen That Recognizes and Activates Platelet Glycoprotein VI Contains Two Glycine-Proline-Hydroxyproline Triplets
133 citations
Journal of Biological Chemistry · 282, 1296-1304
https://exaly.com/article/41683492

Ordered by publication year, newest first

2007 / continued

139 Comparative Gene Expression Profiling of in Vitro Differentiated Megakaryocytes and Erythroblasts Identifies Novel Activatory and Inhibitory Platelet Membrane Proteins
Blood · 109, 3260-3269
https://exaly.com/article/41808861
157 citations

140 The Novel Inhibitory Receptor G6B Is Expressed on the Surface of Platelets and Attenuates Platelet Function in Vitro
Blood · 109, 4806-4809
https://exaly.com/article/41809033
71 citations

141 Molecular Characterization of the Variable Domains of an αIIbβ3-Specific Immunoglobulin M κ Platelet Cold Agglutinin in a Follicular Lymphoma Patient With Treatment Refractory Autoimmune Thrombocytopenia: Idiotypic Overlap Between αIIbβ3 Integrin Antibodies
Transfusion · 47, 499-510
https://exaly.com/article/42891304
2 citations

142 Management and Outcome of 200 Cases of Fetomaternal Alloimmune Thrombocytopenia
Transfusion · 47, 901-910
https://exaly.com/article/42891448
161 citations

143 HPA-1a Antibody Potency and Bioactivity Do Not Predict Severity of Fetomaternal Alloimmune Thrombocytopenia
Transfusion · 47, 1296-1305
https://exaly.com/article/42891512
60 citations

2006

144 A Naturally Occurring Leu33Val Mutation in β3-Integrin Impairs the HPA-1a Epitope: The Third Allele of HPA-1
Transfusion · 46, 790-799
https://exaly.com/article/40385922
26 citations

145 Acquired Thrombasthenia Due to GPIIbIIIa Platelet Autoantibodies in a 4-Yr-Old Child
European Journal of Haematology · 76, 89-90
https://exaly.com/article/40749094
13 citations

146 Hepatitis C Virus Interacts With Human Platelet Glycoprotein VI
Journal of General Virology · 87, 2243-2251
https://exaly.com/article/41144783
58 citations

Ordered by publication year, newest first

2006 / continued

147 Selective Blockade of Glycoprotein VI Clustering on Collagen Helices
Journal of Biological Chemistry · 281, 33505-33510
https://exaly.com/article/41261652
31 citations

2005

148 Microarray-Based Genotyping for Blood Groups: Comparison of Gene Array and 5'-Nuclease Assay Techniques With Human Platelet Antigen as a Model
Transfusion · 45, 654-659
https://exaly.com/article/38162718
64 citations

149 The Dilemma of Screening for Antibodies Against Low-Frequency Human Platelet Antigens
Transfusion · 45, 288-289
https://exaly.com/article/38162757
6 citations

150 Teicoplanin-Dependent Antibodies: Detection and Characterization
British Journal of Haematology · 129, 279-281
https://exaly.com/article/38203566
19 citations

151 Platelet Genomics and Proteomics in Human Health and Disease
Journal of Clinical Investigation · 115, 3370-3377
https://exaly.com/article/39239751
149 citations

152 Platelet Integrin α2 I-Domain Specific Antibodies Produced via Domain Specific DNA Vaccination Combined With Variable Gene Phage Display
Thrombosis and Haemostasis · 94, 1318-1326
https://exaly.com/article/86214606
3 citations

153 The Molecular Basis of Blood Cell Alloantigens
Journal unavailable
https://exaly.com/article/125613669
1 citations

2004

154 Integrin Activation State Determines Selectivity for Novel Recognition Sites in Fibrillar Collagens
Journal of Biological Chemistry · 279, 47763-47772
https://exaly.com/article/36505573
158 citations

155 Molecular Studies of Anti-HLA-A2 Using Light-Chain Shuffling: A Structural Model for HLA Antibody Binding
Tissue Antigens · 63, 345-354
https://exaly.com/article/36800135
9 citations

Ordered by publication year, newest first

2004 / continued

156 Platelet Receptor Interplay Regulates Collagen-Induced Thrombus Formation in Flowing Human Blood
194 citations
Blood · 103, 1333-1341
https://exaly.com/article/37752834

2003

157 Human Autoimmune Anti-Proteinase 3 scFv From a Phage Display Library
36 citations
Clinical and Experimental Immunology · 107, 269-281
https://exaly.com/article/28486526

158 The Low-Frequency Allele of the Platelet Collagen Signaling Receptor Glycoprotein VI Is Associated With Reduced Functional Responses and Expression
135 citations
Blood · 101, 4372-4379
https://exaly.com/article/36124044

159 Single-Chain Antibody Fragments Derived From a Human Synthetic Phage-Display Library Bind Thrombospondin and Inhibit Sickle Cell Adhesion
26 citations
Blood · 102, 718-724
https://exaly.com/article/36124290

2002

160 Glycoprotein V: The Predominant Target Antigen in Gold-Induced Autoimmune Thrombocytopenia
46 citations
Blood · 100, 344-346
https://exaly.com/article/33922658

161 HPA-1a Phenotype–Genotype Discrepancy Reveals a Naturally Occurring Arg93Gln Substitution in the Platelet β3 Integrin That Disrupts the HPA-1a Epitope
37 citations
Blood · 99, 1833-1839
https://exaly.com/article/33926676

162 Platelet αIIbβ3 Recombinant Autoantibodies From the B-Cell Repertoire of a Post-Transfusion Purpura Patient
36 citations
British Journal of Haematology · 116, 677-685
https://exaly.com/article/34591436

2000

163 Introduction to Antibody Engineering and Phage Display
44 citations
Vox Sanguinis · 78, 72-79
https://exaly.com/article/31341525

Ordered by publication year, newest first

2000 / continued

164 The Isolation and Characterisation of Human Monoclonal HLA-A2 Antibodies From an Immune V Gene Phage Display Library — 33 citations

Tissue Antigens · 55, 219-228

https://exaly.com/article/31384880

165 Threonine-145/Methionine-145 Variants of Baculovirus Produced Recombinant Ligand Binding Domain of GPIbα Express HPA-2 Epitopes and Show Equal Binding of Von Willebrand Factor — 35 citations

Blood · 95, 205-211

https://exaly.com/article/31634254

166 Human Antibodies With Specificity for the C2 Domain of Factor VIII Are Derived From VH1 Germline Genes — 68 citations

Blood · 95, 558-563

https://exaly.com/article/31635470

167 Introduction to Antibody Engineering and Phage Display — 22 citations

Vox Sanguinis · 78, 72-79

https://exaly.com/article/86206063

168 Threonine-145/Methionine-145 Variants of Baculovirus Produced Recombinant Ligand Binding Domain of GPIbα Express HPA-2 Epitopes and Show Equal Binding of Von Willebrand Factor — 0 citations

Blood · 95, 205-211

https://exaly.com/article/91330488

1999

169 Synthesis of Rh Fv Phage-Antibodies Using VH and VL Germline Genes — 74 citations

British Journal of Haematology · 105, 811-816

https://exaly.com/article/30361633

1998

170 The Natural History of Fetomaternal Alloimmunization to the Platelet-Specific Antigen HPA-1a (PlA1, Zwa) as Determined by Antenatal Screening — 449 citations

Blood · 92, 2280-2287

https://exaly.com/article/29915867

171 The Natural History of Fetomaternal Alloimmunization to the Platelet-Specific Antigen HPA-1a (PlA1, Zwa) as Determined by Antenatal Screening — 10 citations

Blood · 92, 2280-2287

https://exaly.com/article/106476291

Ordered by publication year, newest first

1997

172 Activation During Preparation of Therapeutic Platelets Affects Deterioration During Storage: A Comparative Flow Cytometric Study of Different Production Methods — 163 citations

British Journal of Haematology · 98, 86-95

https://exaly.com/article/28744889

1996

173 Characterization of Human Variable Domain Antibody Fragments Against the U1 RNA-Associated a Protein, Selected From a Synthetic and a Patient-Derived Combinatorial V Gene Library — 76 citations

European Journal of Immunology · 26, 629-639

https://exaly.com/article/27306530

1995

174 A Human Monoclonal Antibody Specific for the Leucine-33 (P1A1, HPA-1a) Form of Platelet Glycoprotein IIIa From a V Gene Phage Display Library — 116 citations

Blood · 86, 4430-4436

https://exaly.com/article/26111611

1994

175 No Beneficial Effect of Low-Dose Fetal Intravenous Gammaglobulin Administration in Combination With Intravascular Transfusions in Severe Rh D Haemolytic Disease — 2 citations

Vox Sanguinis · 66, 253-257

https://exaly.com/article/24695210

176 Characterization of Human Blood Group scFv Antibodies Derived From a V Gene Phage-Display Library — 47 citations

British Journal of Haematology · 88, 180-186

https://exaly.com/article/25211989

177 The Humoral Immune Response Against Blood Group Antigens at the Molecular Level. — 7 citations

Vox Sanguinis · 67, 7-12

https://exaly.com/article/25221673

1993

178 Human Antibody Fragments Specific for Human Blood Group Antigens From a Phage Display Library — 282 citations

Bio/technology · 11, 1145-1149

https://exaly.com/article/23871708

Ordered by publication year, newest first

1992

179 **Leucine33-proline33 Substitution in Human Platelet Glycoprotein IIIa Determines HLA-DRw52a (DW24) Association of the Immune Response Against HPA-1a (Zwa/PIA1) and HPA-1b (Zwb/PIA2)**

Human Immunology · 34, 253-256

https://exaly.com/article/23280953

51 citations

1990

180 **Detection of Platelet Activation With Monoclonal Antibodies and Flow Cytometry. Changes During Platelet Storage**

Transfusion · 30, 20-25

https://exaly.com/article/21283409

157 citations

181 **Theoretic and Practical Aspects of Platelet Crossmatching**

Transfusion Medicine Reviews · 4, 265-278

https://exaly.com/article/21846546

40 citations

1989

182 **11 Immunology of Platelet Disorders**

Best Practice and Research: Clinical Haematology · 2, 749-781

https://exaly.com/article/20570346

31 citations

End of list · 182 articles. Citation counts use Exaly’s peer-reviewed cohort.