

# Jaewoo Song

## List of Publications by Year in descending order

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111  
papers

1,218  
citations

430442

18  
h-index

500791

28  
g-index

115  
all docs

115  
docs citations

115  
times ranked

1965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass Cytometry Exploration of Immunomodulatory Responses of Human Immune Cells Exposed to Silver Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 630.	2.0	3
2	Advances in laboratory assessment of thrombosis and hemostasis. <i>Blood Research</i> , 2022, 57, S93-S100.	0.5	1
3	A cost-effective and sensitive photothermal biosensor for the diagnosis of diabetes based on quantifying the sialic acid content on erythrocytes. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129259.	4.0	5
4	Large-Area, High-Resolution Birefringence Imaging with Polarization-Sensitive Fourier Ptychographic Microscopy. <i>ACS Photonics</i> , 2021, 8, 158-165.	3.2	26
5	Updated recommendations for the treatment of venous thromboembolism. <i>Blood Research</i> , 2021, 56, 6-16.	0.5	11
6	Tissue Factor Pathway Inhibitor Levels and Thrombin Generation in Hemorrhagic Disease. <i>Laboratory Medicine Online</i> , 2021, 11, 106-114.	0.0	0
7	Unclassifiable repeated antineutrophil cytoplasmic antibody (ANCA) positivity in diseases other than ANCA-associated vasculitis. <i>Zeitschrift Fur Rheumatologie</i> , 2021, , 1.	0.5	4
8	Super-resolution imaging of platelet-activation process and its quantitative analysis. <i>Scientific Reports</i> , 2021, 11, 10511.	1.6	14
9	Super-resolution imaging reveals cytoskeleton-dependent organelle rearrangement within platelets at intermediate stages of maturation. <i>Structure</i> , 2021, 29, 810-822.e3.	1.6	12
10	Predictors of mortality in thrombotic thrombocytopenia after adenoviral COVID-19 vaccination: the FAPIC score. <i>European Heart Journal</i> , 2021, 42, 4053-4063.	1.0	42
11	Relative Interfering Effects of In Vivo Direct Oral Anticoagulants on Routine Coagulation Tests. <i>Blood</i> , 2021, 138, 4238-4238.	0.6	0
12	Scanning transmission X-ray microscopy study of subcellular granules in human platelets at the carbon K- and calcium L2,3-edges. <i>Platelets</i> , 2021, , 1-8.	1.1	0
13	Performance Evaluation of Body Fluid Cellular Analysis Using the Beckman Coulter UniCel DxH 800, Sysmex XN-350, and UF-5000 Automated Cellular Analyzers. <i>Annals of Laboratory Medicine</i> , 2020, 40, 122-130.	1.2	18
14	A randomised trial evaluating the effect of intraoperative iron administration. <i>Scientific Reports</i> , 2020, 10, 15853.	1.6	6
15	Nanoparticle Interactions: Mass Cytometry and Single-Cell RNA-seq Profiling of the Heterogeneity in Human Peripheral Blood Mononuclear Cells Interacting with Silver Nanoparticles ( <i>Small</i> 21/2020). <i>Small</i> , 2020, 16, 2070114.	5.2	0
16	Stochastic Particle Approach Electrochemistry (SPAEC): Estimating Size, Drift Velocity, and Electric Force of Insulating Particles. <i>Analytical Chemistry</i> , 2020, 92, 12226-12234.	3.2	7
17	A Portable Smartphone-linked Device for Direct, Rapid and Chemical-Free Hemoglobin Assay. <i>Scientific Reports</i> , 2020, 10, 8606.	1.6	10
18	Determination of Serotonin Concentration in Single Human Platelets through Single-Entity Electrochemistry. <i>ACS Sensors</i> , 2020, 5, 1943-1948.	4.0	17

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19	Mass Cytometry and Single-Cell RNA-seq Profiling of the Heterogeneity in Human Peripheral Blood Mononuclear Cells Interacting with Silver Nanoparticles. <i>Small</i> , 2020, 16, 1907674.	5.2	29
20	Mass cytometric study on the heterogeneity in cellular association and cytotoxicity of silver nanoparticles in primary human immune cells. <i>Environmental Science: Nano</i> , 2020, 7, 1102-1114.	2.2	7
21	Implementation of Complementary Model using Optimal Combination of Hematological Parameters for Sepsis Screening in Patients with Fever. <i>Scientific Reports</i> , 2020, 10, 273.	1.6	15
22	All-Trans Retinoic Acid Synergizes with Enasidenib to Induce Differentiation of IDH2-Mutant Acute Myeloid Leukemia Cells. <i>Yonsei Medical Journal</i> , 2020, 61, 762.	0.9	6
23	Identification of Ca-rich dense granules in human platelets using scanning transmission X-ray microscopy. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 720-724.	1.0	2
24	Stochastic Electrochemical Cytometry of Human Platelets via a Particle Collision Approach. <i>ACS Sensors</i> , 2019, 4, 3248-3256.	4.0	9
25	Early Cytomegalovirus Reactivation and Expansion of CD56 <sup>bright</sup> CD16 <sup>dim</sup> /DNAM1 <sup>+</sup> Natural Killer Cells Are Associated with Antileukemia Effect after Haploidentical Stem Cell Transplantation in Acute Leukemia. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 2070-2078.	2.0	16
26	Anti-phospholipid antibody syndrome occurrence in patients with persistent anti-phospholipid antibodies. <i>Rheumatology International</i> , 2019, 39, 1359-1367.	1.5	4
27	Biometric Image Analysis for Quantitation of Dividing Platelets. <i>Micromachines</i> , 2019, 10, 1.	1.4	58
28	Highly sensitive and accurate estimation of bloodstain age using smartphone. <i>Biosensors and Bioelectronics</i> , 2019, 130, 414-419.	5.3	22
29	Color-coded LED microscopy for quantitative phase imaging: Implementation and application to sperm motility analysis. <i>Methods</i> , 2018, 136, 66-74.	1.9	15
30	Machine learning-based diagnosis for disseminated intravascular coagulation (DIC): Development, external validation, and comparison to scoring systems. <i>PLoS ONE</i> , 2018, 13, e0195861.	1.1	11
31	Platelet storage induces accelerated desialylation of platelets and increases hepatic thrombopoietin production. <i>Journal of Translational Medicine</i> , 2018, 16, 199.	1.8	22
32	Application of Turbidity Curve Analysis to New Coagulation Factor VIII and IX Assays with Superior Analytical Resolution in Low-Level Range. <i>Blood</i> , 2018, 132, 5015-5015.	0.6	0
33	Novel Methods to Quantitate and Identity Dividing Platelets in Culture Conditions. <i>Blood</i> , 2018, 132, 1132-1132.	0.6	1
34	Smart Forensic Phone: Colorimetric analysis of a bloodstain for age estimation using a smartphone. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 221-225.	4.0	72
35	Adopting automated image analysis tool for fibrin network: Can we obtain clot properties for practical application?. <i>International Journal of Laboratory Hematology</i> , 2017, 39, e121-e123.	0.7	3
36	Dapsone therapy for immune thrombocytopenic purpura: old but still unfamiliar. <i>Blood Research</i> , 2017, 52, 77.	0.5	1

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37	Observation of Platelet and Endothelial Interaction Using Microfluidic Chip. <i>Clinical &amp; Experimental Thrombosis and Hemostasis</i> , 2017, 3, 31-35.	0.2	0
38	Pretreatment Lymphopenia, Poor Performance Status, and Early Courses of Therapy Are Risk Factors for Severe Bacterial Infection in Patients with Multiple Myeloma during Treatment with Bortezomib-based Regimens. <i>Journal of Korean Medical Science</i> , 2016, 31, 510.	1.1	11
39	Clinical Utility of Bone Marrow Study in Gaucher Disease: A Case Report of Gaucher Disease Type 3 With Intractable Myoclonic Seizures. <i>Annals of Laboratory Medicine</i> , 2016, 36, 177-179.	1.2	1
40	Magnetic bead-based nucleic acid purification kit: Clinical application and performance evaluation in stool specimens. <i>Journal of Microbiological Methods</i> , 2016, 124, 62-68.	0.7	7
41	A Rapid and Chemical-free Hemoglobin Assay with Photothermal Angular Light Scattering. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	0
42	Automated CH50 liposome-based immunoassay: consideration in dilution and validation of reference interval. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e309-12.	1.4	3
43	MG1113, Anti-TFPI Antibody, Efficiently Recovers Coagulation Efficacy through Blocking the Kunitz 2 Domain of Human TFPI. <i>Blood</i> , 2016, 128, 1406-1406.	0.6	2
44	Association of Single Nucleotide Polymorphisms in the ST3GAL4 Gene with VWF Antigen and Factor VIII Activity. <i>PLoS ONE</i> , 2016, 11, e0160757.	1.1	10
45	Beyond Prothrombin Time and Activated Partial Thromboplastin Time: Clot Formation Rate and Clot Structure Index As Novel Parameters for Coagulation Test Running Head: Novel Parameters of Coagulation Test. <i>Blood</i> , 2016, 128, 4950-4950.	0.6	1
46	Comparison of Prothrombin Time Derived From CoaguChek XS and Laboratory Test According to Fibrinogen Level. <i>Journal of Clinical Laboratory Analysis</i> , 2015, 29, 28-31.	0.9	7
47	Quantitative Influence of ABO Blood Groups on Factor VIII and Its Ratio to von Willebrand Factor, Novel Observations from an ARIC Study of 11,673 Subjects. <i>PLoS ONE</i> , 2015, 10, e0132626.	1.1	52
48	Selective serotonin reuptake inhibitors facilitate ANO6 (TMEM16F) current activation and phosphatidylserine exposure. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 2243-2256.	1.3	14
49	Capillary-scale direct measurement of hemoglobin concentration of erythrocytes using photothermal angular light scattering. <i>Biosensors and Bioelectronics</i> , 2015, 74, 469-475.	5.3	11
50	Immune profiling in elderly cancer patients for predicting immune senescence.. <i>Journal of Clinical Oncology</i> , 2015, 33, e22117-e22117.	0.8	0
51	The instability of commercial control materials in quality control of mean corpuscular volume. <i>Clinica Chimica Acta</i> , 2014, 434, 11-15.	0.5	1
52	Improved Sensitivity and Discriminative Power of Factor FVIII Assay By Applying Turbidimetric Clotting Curve Analysis. <i>Blood</i> , 2014, 124, 2853-2853.	0.6	0
53	Analytical and clinical performance of a new point of care LABGEOIB D-dimer test for diagnosis of venous thromboembolism. <i>Annals of Clinical and Laboratory Science</i> , 2014, 44, 254-61.	0.2	3
54	Immature platelet fraction in diabetes mellitus and metabolic syndrome. <i>Thrombosis Research</i> , 2013, 132, 692-695.	0.8	35

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55	Comparison Study of the Rates of Manual Peripheral Blood Smear Review From 3 Automated Hematology Analyzers, Unicel DxH 800, ADVIA 2120i, and XE 2100, Using International Consensus Group Guidelines. Archives of Pathology and Laboratory Medicine, 2012, 136, 1408-1413.	1.2	21
56	Delta Neutrophil Index. Shock, 2012, 37, 242-246.	1.0	102
57	Fibrinogen residue Î³Ala341 is necessary for calcium binding and Aa™ interactions. Thrombosis and Haemostasis, 2012, 107, 875-883.	1.8	11
58	CD5-negative Blastoid Variant Mantle Cell Lymphoma with Complex CCND1/IGH and MYC Aberrations. Annals of Laboratory Medicine, 2012, 32, 95-98.	1.2	12
59	Evaluation of an Automated Coagulation Analyzer Coapresta 2000. Laboratory Medicine Online, 2011, 1, 94.	0.0	1
60	Acute Promyelocytic Leukemia with Trisomy 8 and del(9)(q22) after Treatment of Cervical Cancer with Concurrent Chemoradiotherapy: A Case Report. Onkologie, 2011, 34, 388-390.	1.1	2
61	Comparison of Prothrombin Time INR Derived From Point-of-Care and Laboratory Test According to Fibrinogen Level. Blood, 2011, 118, 4325-4325.	0.6	0
62	A novel t(1;12)(q21;q24) in a patient with myelodysplastic syndrome. Annals of Hematology, 2010, 89, 513-516.	0.8	0
63	Three-way translocation involving MLL, MLLT1, and a novel third partner, NRXN1, in a patient with acute lymphoblastic leukemia and t(2;19;11)(p12;p13.3;q23). Cancer Genetics and Cytogenetics, 2010, 197, 32-38.	1.0	13
64	Molecular cytogenetic analysis of Korean patients with Waldenström macroglobulinemia. Cancer Genetics and Cytogenetics, 2010, 197, 117-121.	1.0	13
65	Molecular characterization of alternative SET-NUP214 fusion transcripts in a case of acute undifferentiated leukemia. Cancer Genetics and Cytogenetics, 2010, 201, 73-80.	1.0	24
66	Prognostic significance of trisomy 6 in an adult acute myeloid leukemia with t(8;21). Cancer Genetics and Cytogenetics, 2010, 202, 141-143.	1.0	3
67	Diagnosis of non-overt disseminated intravascular coagulation made according to the International Society on Thrombosis and Hemostasis criteria with some modifications. The Korean Journal of Hematology, 2010, 45, 260.	0.7	11
68	Elevated levels of activated and inactivated thrombin-activatable fibrinolysis inhibitor in patients with sepsis. The Korean Journal of Hematology, 2010, 45, 264.	0.7	9
69	Constitutional Pericentric Inversion 9 in Korean Patients with Chronic Myelogenous Leukemia. Annals of Laboratory Medicine, 2010, 30, 218-223.	1.2	4
70	Automated Detection of Malaria-Associated Pseudoeosinophilia and Abnormal WBC Scattergram by the Sysmex XE-2100 Hematology Analyzer: A Clinical Study with 1,801 Patients and Real-Time Quantitative PCR Analysis in Vivax Malaria-Endemic Area. American Journal of Tropical Medicine and Hygiene, 2010, 82, 412-414.	0.6	19
71	Fibrinogen residue Î³Ala341 Is Necessary for Calcium Binding and Aa™ interaction.. Blood, 2010, 116, 1154-1154.	0.6	1
72	Acute promyelocytic leukemia in early pregnancy with translocation t(15;17) and variant PML/RARA fusion transcripts. Cancer Genetics and Cytogenetics, 2009, 188, 48-51.	1.0	13

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73	Three new nonsense mutations of MLH1 and MSH2 genes in Korean families with hereditary nonpolyposis colorectal cancer. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 61-64.	1.0	2
74	Acute promyelocytic leukemia with insertion of PML exon 7a and partial deletion of exon 3 of RARA: a novel variant transcript related to aggressive course and not detected with real-time polymerase chain reaction analysis. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 103-107.	1.0	25
75	JAK2 V617F/C618R mutation in a patient with polycythemia vera: A case study and review of the literature. <i>Cancer Genetics and Cytogenetics</i> , 2009, 189, 43-47.	1.0	23
76	Biphenotypic acute leukemia with b2a2 fusion transcript and trisomy 21. <i>Cancer Genetics and Cytogenetics</i> , 2009, 188, 129-131.	1.0	2
77	Detection of a novel CFBF/MYH11 variant fusion transcript (K-type) showing partial insertion of exon 6 of CFBF gene using two commercially available multiplex RT-PCR kits. <i>Cancer Genetics and Cytogenetics</i> , 2009, 189, 87-92.	1.0	16
78	A tandem triplication, trp(1)(q21q32), in a patient with follicular lymphoma: a case study and review of the literature. <i>Cancer Genetics and Cytogenetics</i> , 2009, 189, 127-131.	1.0	9
79	BCR/ABL rearrangement with b3a3 fusion transcript in a case of childhood acute lymphoblastic leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2009, 189, 132-137.	1.0	10
80	Concomitant t(3;3)(q21;q26), trisomy 19, and E255V mutation associated with imatinib mesylate resistance in chronic myelogenous leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2009, 190, 46-48.	1.0	3
81	Three-way Philadelphia variant t(9;22;14)(q34;q11.2;p11) in chronic myeloid leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2009, 191, 55-56.	1.0	1
82	Therapy-related acute lymphoblastic leukemia with t(9;22)(q34;q11.2): a case study and review of the literature. <i>Cancer Genetics and Cytogenetics</i> , 2009, 191, 51-54.	1.0	12
83	Two case reports of 1q triplication in myeloproliferative neoplasms. <i>Cancer Genetics and Cytogenetics</i> , 2009, 191, 111-112.	1.0	5
84	Association between acute promyelocytic leukemia and ring chromosome 6. <i>Cancer Genetics and Cytogenetics</i> , 2009, 192, 48-50.	1.0	3
85	Detection of FUS-ERG chimeric transcript in two cases of acute myeloid leukemia with t(16;21)(p11.2;q22) with unusual characteristics. <i>Cancer Genetics and Cytogenetics</i> , 2009, 194, 111-118.	1.0	17
86	CASP8AP2 is a novel partner gene of MLL rearrangement with t(6;11)(q15;q23) in acute myeloid leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2009, 195, 94-95.	1.0	10
87	Therapy-related myelodysplastic syndrome with der(17)t(12;17)(q13;p13) as a new recurrent cytogenetic abnormality after treatment for chronic lymphocytic leukemia. <i>Leukemia Research</i> , 2009, 33, 1001-1004.	0.4	11
88	Non-age related Y chromosome loss in an elderly patient with acute promyelocytic leukemia. <i>Leukemia Research</i> , 2009, 33, e114-e115.	0.4	3
89	der(1)t(1;19)(p13;p13.1) in two elderly patients with myeloid neoplasms: New case reports and review of the literature. <i>Leukemia Research</i> , 2009, 33, e128-e131.	0.4	3
90	A novel in-frame deletion in the factor V C1 domain associated with severe coagulation factor V deficiency in a Korean family. <i>Blood Coagulation and Fibrinolysis</i> , 2009, 20, 150-156.	0.5	3

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91	Aberrant DNA Methylation in Childhood Acute Lymphoblastic Leukemia as a Potential Biomarker Reflecting Disease Status.. <i>Blood</i> , 2009, 114, 2637-2637.	0.6	0
92	8p11 myeloproliferative syndrome preceded by t(8;9)(p11;q33), CEP110/FGFR1 fusion transcript: morphologic, molecular, and cytogenetic characterization of myeloid neoplasms associated with eosinophilia and FGFR1 abnormality. <i>Cancer Genetics and Cytogenetics</i> , 2008, 181, 93-99.	1.0	24
93	A novel missense MSH2 gene mutation in a patient of a Korean family with hereditary nonpolyposis colorectal cancer. <i>Cancer Genetics and Cytogenetics</i> , 2008, 182, 136-139.	1.0	2
94	Paracentric inversion-associated t(8;21) variant in de novo acute myelogenous leukemia: characteristic patterns of conventional cytogenetics, FISH, and multicolor banding analysis. <i>Cancer Genetics and Cytogenetics</i> , 2008, 183, 72-76.	1.0	4
95	Preceding orbital granulocytic sarcoma in an adult patient with acute myelogenous leukemia with t(8;21): a case study and review of the literature. <i>Cancer Genetics and Cytogenetics</i> , 2008, 185, 51-54.	1.0	22
96	Complex t(8;19;21)(q22;p13;q22) as a sole abnormality in a patient with de novo acute myeloid leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2008, 185, 109-112.	1.0	3
97	Acute erythroleukemia with der(1;7)(q10;p10) as a sole acquired abnormality after treatment with azathioprine. <i>Cancer Genetics and Cytogenetics</i> , 2008, 186, 58-60.	1.0	9
98	Acute promyelocytic leukemia relapsing as secondary acute myelogenous leukemia with translocation t(3;21)(q26;q22) and RUNX1-MDS1-EVI1 fusion transcript. <i>Cancer Genetics and Cytogenetics</i> , 2008, 187, 61-73.	1.0	24
99	Rare translocations involving chromosome band 8p11 in myeloid neoplasms. <i>Cancer Genetics and Cytogenetics</i> , 2008, 186, 127-129.	1.0	18
100	MLL rearrangement with t(6;11)(q15;q23) as a sole abnormality in a patient with de novo acute myeloid leukemia: conventional cytogenetics, FISH, and multicolor FISH analyses for detection of rare MLL-related chromosome abnormalities. <i>Cancer Genetics and Cytogenetics</i> , 2008, 187, 50-53.	1.0	5
101	Trisomy 8 in an elderly patient with acute lymphoblastic leukemia as a sole abnormality. <i>Cancer Genetics and Cytogenetics</i> , 2008, 187, 57-58.	1.0	3
102	Tetrasomy 8 in a Patient with Acute Monoblastic Leukemia. <i>Annals of Laboratory Medicine</i> , 2008, 28, 262-266.	1.2	6
103	Analysis of Children with Coagulation Test Abnormality in Pre-Surgical Evaluation. <i>Blood</i> , 2008, 112, 4080-4080.	0.6	11
104	Linear relationship between ADAMTS13 activity and platelet dynamics even before severe thrombocytopenia. <i>Annals of Clinical and Laboratory Science</i> , 2008, 38, 368-75.	0.2	4
105	A Case of Heparin Induced Thrombocytopenia with Circulating Anti-PF4/Heparin Antibody. <i>The Korean Journal of Hematology</i> , 2007, 42, 67.	0.7	1
106	Investigation of von Willebrand Factor Gene Mutations in Korean von Willebrand Disease Patients. <i>Annals of Laboratory Medicine</i> , 2007, 27, 169-176.	1.2	4
107	t(5;12)(q13;p13) in acute myeloid leukemia with preceding granulocytic sarcoma. <i>Cancer Genetics and Cytogenetics</i> , 2007, 177, 158-160.	1.0	4
108	A der(1;15)(q10;q10) is a rare nonrandom whole-arm translocation in patients with acute lymphoblastic leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2007, 179, 132-135.	1.0	5

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109	Leukoreduction System Chambers as a Source of Viable Human Peripheral Blood Mononuclear Cells.. Blood, 2007, 110, 4912-4912.	0.6	0
110	A Novel In-Frame Deletion in Domain C1 of Factor V Gene Results in Profound Decrease in Factor V Activity.. Blood, 2007, 110, 2151-2151.	0.6	0
111	The Association of Delta Neutrophil with Severity of Sepsis.. Blood, 2006, 108, 5504-5504.	0.6	1