Rienk Nieuwland

List of Publications by Year in Descending Order

193 papers	17,533 citations	58 h-index	131 g-index
199 ext. papers	21,416 ext. citations	7 avg, IF	6.36 L-index

#	Paper	IF	Citations
193	Processing methods of donor human milk evaluated by a blood plasma clotting assay. *Innovative Food Science and Emerging Technologies*, **2022**, 76, 102938	6.8	1
192	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies - from exosomes to microvesicles.. *Cardiovascular Research*, **2022**,	9.9	4
191	Reproducibility of extracellular vesicle research.. *European Journal of Cell Biology*, **2022**, 101, 151226	6.1	2
190	Protocol for Measuring Concentrations of Extracellular Vesicles in Human Blood Plasma with Flow Cytometry.. *Methods in Molecular Biology*, **2022**, 2504, 55-75	1.4	
189	Platelet removal by single-step centrifugation. *Platelets*, **2021**, 32, 440-443	3.6	10
188	EDTA stabilizes the concentration of platelet-derived extracellular vesicles during blood collection and handling. *Platelets*, **2021**, 1-8	3.6	2
187	Extracellular Vesicles in Human Milk. *Pharmaceuticals*, **2021**, 14,	5.2	6
186	Minimum information to report about a flow cytometry experiment on extracellular vesicles: Communication from the ISTH SSC subcommittee on vascular biology. *Journal of Thrombosis and Haemostasis*, **2021**, 20, 245	15.4	3
185	Quantification of Light Scattering Detection Efficiency and Background in Flow Cytometry. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2021**, 99, 671-679	4.6	4
184	Prostacyclin Analogues Inhibit Platelet Reactivity, Extracellular Vesicle Release and Thrombus Formation in Patients with Pulmonary Arterial Hypertension. *Journal of Clinical Medicine*, **2021**, 10,	5.1	6
183	Secreted therapeutics: monitoring durability of microRNA-based gene therapies in the central nervous system. *Brain Communications*, **2021**, 3, fcab054	4.5	0
182	Standardized procedure to measure the size distribution of extracellular vesicles together with other particles in biofluids with microfluidic resistive pulse sensing. *PLoS ONE*, **2021**, 16, e0249603	3.7	4
181	Intraperitoneal Activation of Coagulation and Fibrinolysis in Patients with Cirrhosis and Ascites. *Thrombosis and Haemostasis*, **2021**,	7	1
180	Reliable measurements of extracellular vesicles by clinical flow cytometry. *American Journal of Reproductive Immunology*, **2021**, 85, e13350	3.8	8
179	Cellular origin and microRNA profiles of circulating extracellular vesicles in different stages of diabetic nephropathy. *CKJ: Clinical Kidney Journal*, **2021**, 14, 358-365	4.5	8
178	Plasma Concentrations of Extracellular Vesicles Are Decreased in Patients with Post-Infarct Cardiac Remodelling. *Biology*, **2021**, 10,	4.9	2
177	Platelets are Hyperactivated but Show Reduced Glycoprotein VI Reactivity in COVID-19 Patients. *Thrombosis and Haemostasis*, **2021**, 121, 1258-1262	7	11

176	Mesenchymal stem cell-derived extracellular vesicles conditionally ameliorate bone marrow failure symptoms in an immune-mediated aplastic anemia mouse model. *Journal of Cellular Physiology*, **2021**, 236, 6055-6067	7	4
175	Human milk triggers coagulation via tissue factor-exposing extracellular vesicles. *Blood Advances*, **2020**, 4, 6274-6282	7.8	6
174	International Society for Extracellular Vesicles and International Society for Cell and Gene Therapy statement on extracellular vesicles from mesenchymal stromal cells and other cells: considerations for potential therapeutic agents to suppress coronavirus disease-19. *Cytotherapy*, **2020**, 22, 482-485	4.8	59
173	Detection of extracellular vesicles in plasma and urine of prostate cancer patients by flow cytometry and surface plasmon resonance imaging. *PLoS ONE*, **2020**, 15, e0233443	3.7	9
172	Schistosoma mansoni infection affects the proteome and lipidome of circulating extracellular vesicles in the host. *Molecular and Biochemical Parasitology*, **2020**, 238, 111296	1.9	5
171	Label-free identification and chemical characterisation of single extracellular vesicles and lipoproteins by synchronous Rayleigh and Raman scattering. *Journal of Extracellular Vesicles*, **2020**, 9, 1730134	16.4	16
170	A Systematic Approach to Improve Scatter Sensitivity of a Flow Cytometer for Detection of Extracellular Vesicles. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 582-591	4.6	9
169	MIFlowCyt-EV: a framework for standardized reporting of extracellular vesicle flow cytometry experiments. *Journal of Extracellular Vesicles*, **2020**, 9, 1713526	16.4	119
168	Poor perfusion of the microvasculature in peritoneal metastases of ovarian cancer. *Clinical and Experimental Metastasis*, **2020**, 37, 293-304	4.7	6
167	Ticagrelor attenuates the increase of extracellular vesicle concentrations in plasma after acute myocardial infarction compared to clopidogrel. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 609-623	15.4	27
166	Towards defining reference materials for measuring extracellular vesicle refractive index, epitope abundance, size and concentration. *Journal of Extracellular Vesicles*, **2020**, 9, 1816641	16.4	31
165	Extracellular vesicles from human plasma and serum are carriers of extravesicular cargo-Implications for biomarker discovery. *PLoS ONE*, **2020**, 15, e0236439	3.7	65
164	Methods for Separation and Characterization of Extracellular Vesicles: Results of a Worldwide Survey Performed by the ISEV Rigor and Standardization Subcommittee. *Cells*, **2020**, 9,	7.9	93
163	Role of P2Y Receptors in Platelet Extracellular Vesicle Release. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
162	Randomized controlled trial protocol to investigate the antiplatelet therapy effect on extracellular vesicles (AFFECT EV) in acute myocardial infarction. *Platelets*, **2020**, 31, 26-32	3.6	12
161	Urinary mitochondrial DNA associates with delayed graft function following renal transplantation. *Nephrology Dialysis Transplantation*, **2020**, 35, 1320-1327	4.3	6
160	Extracellular vesicles from human plasma and serum are carriers of extravesicular cargoImplications for biomarker discovery **2020**, 15, e0236439		
159	Extracellular vesicles from human plasma and serum are carriers of extravesicular cargoImplications for biomarker discovery **2020**, 15, e0236439		

158	Extracellular vesicles from human plasma and serum are carriers of extravesicular cargoImplications for biomarker discovery **2020**, 15, e0236439		
157	Extracellular vesicles from human plasma and serum are carriers of extravesicular cargoImplications for biomarker discovery **2020**, 15, e0236439		
156	Glycan modification of glioblastoma-derived extracellular vesicles enhances receptor-mediated targeting of dendritic cells. *Journal of Extracellular Vesicles*, **2019**, 8, 1648995	16.4	41
155	Glycan-Modified Apoptotic Melanoma-Derived Extracellular Vesicles as Antigen Source for Anti-Tumor Vaccination. *Cancers*, **2019**, 11,	6.6	17
154	Toward standardization of assays measuring extracellular vesicle-associated tissue factor activity. *Journal of Thrombosis and Haemostasis*, **2019**, 17, 1261-1264	15.4	7
153	Platelet-Derived Extracellular Vesicles **2019**, 401-416		13
152	The P4-ATPase ATP9A is a novel determinant of exosome release. *PLoS ONE*, **2019**, 14, e0213069	3.7	14
151	Clinical requirements for extracellular vesicle assays. *Journal of Extracellular Vesicles*, **2019**, 8, 1593755	16.4	43
150	Clearance and phenotype of extracellular vesicles after red blood cell transfusion in a human endotoxemia model. *Transfusion and Apheresis Science*, **2019**, 58, 508-511	2.4	4
149	The generation and use of recombinant extracellular vesicles as biological reference material. *Nature Communications*, **2019**, 10, 3288	17.4	54
148	P2Y12 antagonist ticagrelor inhibits the release of procoagulant extracellular vesicles from activated platelets. *Cardiology Journal*, **2019**, 26, 782-789	1.4	14
147	Extracellular vesicles and coagulation in blood from healthy humans revisited. *Journal of Extracellular Vesicles*, **2019**, 8, 1688936	16.4	25
146	Embryology, anatomy, physiology and pathophysiology of the peritoneum and the peritoneal vasculature. *Seminars in Cell and Developmental Biology*, **2019**, 92, 27-36	7.5	20
145	Tissue Factor Coagulant Activity is Regulated by the Plasma Membrane Microenvironment. *Thrombosis and Haemostasis*, **2018**, 118, 990-1000	7	8
144	Transfusion of autologous extracellular vesicles from stored red blood cells does not affect coagulation in a model of human endotoxemia. *Transfusion*, **2018**, 58, 1486-1493	2.9	4
143	Extracellular vesicles exposing tissue factor for the prediction of venous thromboembolism in patients with cancer: A prospective cohort study. *Thrombosis Research*, **2018**, 166, 54-59	8.2	20
142	Comparison of Generic Fluorescent Markers for Detection of Extracellular Vesicles by Flow Cytometry. *Clinical Chemistry*, **2018**, 64, 680-689	5.5	56
141	Absolute sizing and label-free identification of extracellular vesicles by flow cytometry. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 801-810	6	62

140	Helium alters the cytoskeleton and decreases permeability in endothelial cells cultured in vitro through a pathway involving Caveolin-1. *Scientific Reports*, **2018**, 8, 4768	4.9	7
139	Development of Peritoneal Carcinomatosis in Epithelial Ovarian Cancer: A Review. *Journal of Histochemistry and Cytochemistry*, **2018**, 66, 67-83	3.4	47
138	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
137	Centrifugation affects the purity of liquid biopsy-based tumor biomarkers. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2018**, 93, 1207-1212	4.6	24
136	Human bone marrow contains high levels of extracellular vesicles with a tissue-specific subtype distribution. *PLoS ONE*, **2018**, 13, e0207950	3.7	2
135	Essentials of extracellular vesicles: posters on basic and clinical aspects of extracellular vesicles. *Journal of Extracellular Vesicles*, **2018**, 7, 1548234	16.4	20
134	Deriving Extracellular Vesicle Size From Scatter Intensities Measured by Flow Cytometry. *Current Protocols in Cytometry*, **2018**, 86, e43	3.6	29
133	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. *Journal of Extracellular Vesicles*, **2018**, 7, 1473707	16.4	42
132	Bulk immunoassays for analysis of extracellular vesicles. *Platelets*, **2017**, 28, 242-248	3.6	34
131	Methodological Guidelines to Study Extracellular Vesicles. *Circulation Research*, **2017**, 120, 1632-1648	15.7	490
130	Comparison of risk prediction scores for venous thromboembolism in cancer patients: a prospective cohort study. *Haematologica*, **2017**, 102, 1494-1501	6.6	113
129	Platelet extracellular vesicles as biomarkers for arterial thrombosis. *Platelets*, **2017**, 28, 228-234	3.6	30
128	The Ability of Extracellular Vesicles to Induce a Pro-Inflammatory Host Response. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	32
127	The acute effect of beta-guanidinopropionic acid versus creatine or placebo in healthy men (ABC-Trial): A randomized controlled first-in-human trial. *British Journal of Clinical Pharmacology*, **2017**, 83, 2626-2635	3.8	11
126	Microvesicles in vascular homeostasis and diseases. Position Paper of the European Society of Cardiology (ESC) Working Group on Atherosclerosis and Vascular Biology. *Thrombosis and Haemostasis*, **2017**, 117, 1296-1316	7	143
125	Extracellular vesicles in human follicular fluid do not promote coagulation. *Reproductive BioMedicine Online*, **2016**, 33, 652-655	4	9
124	Monocyte-mediated activation of endothelial cells occurs only after binding to extracellular vesicles from red blood cell products, a process mediated by β1ntegrin. *Transfusion*, **2016**, 56, 3012-3020	2.9	22
123	Extracellular Vesicles from Red Blood Cell Products Induce a Strong Pro-Inflammatory Host Response, Dependent on Both Numbers and Storage Duration. *Transfusion Medicine and Hemotherapy*, **2016**, 43, 302-305	4.2	31

122	Inter-laboratory comparison on the size and stability of monodisperse and bimodal synthetic reference particles for standardization of extracellular vesicle measurements. *Measurement Science and Technology*, **2016**, 27, 035701	2	16
121	Plasma vesicle miRNAs for therapy response monitoring in Hodgkin lymphoma patients. *JCI Insight*, **2016**, 1, e89631	9.9	93
120	Toll-Like Receptor Signalling Is Not Involved in Platelet Response to Streptococcus pneumoniae In Vitro or In Vivo. *PLoS ONE*, **2016**, 11, e0156977	3.7	22
119	A standardized method to determine the concentration of extracellular vesicles using tunable resistive pulse sensing. *Journal of Extracellular Vesicles*, **2016**, 5, 31242	16.4	103
118	Effects of helium on inflammatory and oxidative stress-induced endothelial cell damage. *Experimental Cell Research*, **2015**, 337, 37-43	4.2	10
117	Activated protein C inhibits neutrophil migration in allergic asthma: a randomised trial. *European Respiratory Journal*, **2015**, 46, 1636-44	13.6	14
116	Theme 1: Pathogenesis of venous thromboembolism (and post-thrombotic syndrome). *Thrombosis Research*, **2015**, 136 Suppl 1, S3-7	8.2	2
115	Clinical Significance of Tissue Factor-Exposing Microparticles in Arterial and Venous Thrombosis. *Seminars in Thrombosis and Hemostasis*, **2015**, 41, 718-27	5.3	36
114	Dynamic microvesicle release and clearance within the cardiovascular system: triggers and mechanisms. *Clinical Science*, **2015**, 129, 915-31	6.5	42
113	Handling and storage of human body fluids for analysis of extracellular vesicles. *Journal of Extracellular Vesicles*, **2015**, 4, 29260	16.4	130
112	Extracellular vesicles, tissue factor, cancer and thrombosis - discussion themes of the ISEV 2014 Educational Day. *Journal of Extracellular Vesicles*, **2015**, 4, 26901	16.4	57
111	EVpedia: a community web portal for extracellular vesicles research. *Bioinformatics*, **2015**, 31, 933-9	7.2	256
110	Evaluation of coagulation activation after rhinovirus infection in patients with asthma and healthy control subjects: an observational study. *Respiratory Research*, **2014**, 15, 14	7.3	18
109	Refractive index determination of nanoparticles in suspension using nanoparticle tracking analysis. *Nano Letters*, **2014**, 14, 6195-201	11.5	123
108	Towards traceable size determination of extracellular vesicles. *Journal of Extracellular Vesicles*, **2014**, 3,	16.4	88
107	Single-step isolation of extracellular vesicles by size-exclusion chromatography. *Journal of Extracellular Vesicles*, **2014**, 3,	16.4	582
106	Altered platelet contents in survivors of early ischemic ventricular fibrillation: preliminary findings. *Platelets*, **2014**, 25, 71-4	3.6	
105	Reproducible extracellular vesicle size and concentration determination with tunable resistive pulse sensing. *Journal of Extracellular Vesicles*, **2014**, 3, 25922	16.4	100

104	Co-isolation of extracellular vesicles and high-density lipoproteins using density gradient ultracentrifugation. *Journal of Extracellular Vesicles*, **2014**, 3,	16.4	197
103	Effects of cancer on platelets. *Seminars in Oncology*, **2014**, 41, 311-8	5.5	40
102	A New Microparticle Coagulant Activity Assay to Predict Venous Thromboembolism in Patients with Pancreatic Cancer. *Blood*, **2014**, 124, 4250-4250	2.2	1
101	Overview of Extracellular Vesicles in Health and Disease **2014**, 1-46		
100	Bone Marrow Contains High Levels of Microparticles. *Blood*, **2014**, 124, 5145-5145	2.2	
99	Extracellular vesicles in physiological and pathological conditions. *Blood Reviews*, **2013**, 27, 31-9	11.1	316
98	Acetylsalicylic acid prevents platelet-induced proarrhythmic effects on intracellular Ca2+ homeostasis in ventricular myocytes. *International Journal of Cardiology*, **2013**, 167, 303-5	3.2	2
97	Lamin A/C mutation is independently associated with an increased risk of arterial and venous thromboembolic complications. *International Journal of Cardiology*, **2013**, 168, 472-7	3.2	24
96	Platelet-Derived Microparticles **2013**, 453-467		6
95	Differential effects of nonselective versus selective blockers on cardiac sympathetic activity and hemostasis in patients with heart failure. *Journal of Nuclear Medicine*, **2013**, 54, 1733-9	8.9	8
94	Helium induces preconditioning in human endothelium in vivo. *Anesthesiology*, **2013**, 118, 95-104	4.3	23
93	The influence of aspirin dose and glycemic control on platelet inhibition in patients with type 2 diabetes mellitus. *Journal of Thrombosis and Haemostasis*, **2012**, 10, 639-46	15.4	15
92	Single vs. swarm detection of microparticles and exosomes by flow cytometry. *Journal of Thrombosis and Haemostasis*, **2012**, 10, 919-30	15.4	281
91	Microparticles of pregnant women and preeclamptic patients activate endothelial cells in the presence of monocytes. *American Journal of Reproductive Immunology*, **2012**, 67, 206-15	3.8	12
90	Transglutaminase 2 is secreted from smooth muscle cells by transamidation-dependent microparticle formation. *Amino Acids*, **2012**, 42, 961-73	3.5	24
89	Postprandial changes in the phospholipid composition of circulating microparticles are not associated with coagulation activation. *Thrombosis Research*, **2012**, 130, 115-21	8.2	10
88	Microparticles in vascular disorders: how tissue factor-exposing vesicles contribute to pathology and physiology. *Thrombosis Research*, **2012**, 130 Suppl 1, S71-3	8.2	25
87	Coagulation activation and microparticle-associated coagulant activity in cancer patients. An exploratory prospective study. *Thrombosis and Haemostasis*, **2012**, 108, 160-5	7	77

86	Classification, functions, and clinical relevance of extracellular vesicles. *Pharmacological Reviews*, **2012**, 64, 676-705	22.5	1123
85	Hormone replacement therapy leads to increased plasma levels of platelet derived microparticles in postmenopausal women. *Archives of Gynecology and Obstetrics*, **2012**, 285, 1035-41	2.5	14
84	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. *PLoS Biology*, **2012**, 10, e1001450	9.7	800
83	Climacteric lowers plasma levels of platelet-derived microparticles: a pilot study in pre- versus postmenopausal women. *Acta Haematologica*, **2012**, 128, 53-9	2.7	6
82	The functions of microparticles in preeclampsia. *Pregnancy Hypertension*, **2011**, 1, 59-65	2.6	6
81	Clearance of platelet microparticles in vivo. *Platelets*, **2011**, 22, 111-6	3.6	77
80	Activated human platelet products induce proarrhythmic effects in ventricular myocytes. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 347-56	5.8	4
79	Measurement of circulating cell-derived microparticles by flow cytometry: sources of variability within the assay. *Thrombosis Research*, **2011**, 127, 370-7	8.2	160
78	Microparticles for diagnosis of graft-versus-host disease after allogeneic stem transplantation. *Transplantation*, **2011**, 92, 244-50	1.8	14
77	Transfusion-related risk of secondary bacterial infections in sepsis patients: a retrospective cohort study. *Shock*, **2011**, 35, 355-9	3.4	43
76	Cell-derived vesicles exposing coagulant tissue factor in saliva. *Blood*, **2011**, 117, 3172-80	2.2	138
75	Surveillance of megakaryocytic function by measurement of CD61-exposing microparticles in allogeneic hematopoietic stem cell recipients. *Clinical Transplantation*, **2011**, 25, E233-42	3.8	9
74	Apheresis platelet concentrates contain platelet-derived and endothelial cell-derived microparticles. *Vox Sanguinis*, **2011**, 100, 179-86	3.1	41
73	Accumulation of bioactive lipids during storage of blood products is not cell but plasma derived and temperature dependent. *Transfusion*, **2011**, 51, 2358-66	2.9	31
72	The functions of microparticles in pre-eclampsia. *Seminars in Thrombosis and Hemostasis*, **2011**, 37, 146-53	3.3	38
71	Cell-derived microparticles in the pathogenesis of cardiovascular disease: friend or foe?. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 4-9	9.4	102
70	Complement activation on the surface of cell-derived microparticles during cardiac surgery with cardiopulmonary bypass - is retransfusion of pericardial blood harmful?. *Perfusion (United Kingdom)*, **2011**, 26, 21-9	1.9	12
69	Circulating microparticles remain associated with complement activation despite intensive anti-inflammatory therapy in early rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2010**, 69, 1378-82	7.4	29

68	Microparticles and exosomes in gynecologic neoplasias. *Seminars in Thrombosis and Hemostasis*, **2010**, 36, 925-9	5.3	26
67	Why do cells release vesicles?. *Thrombosis Research*, **2010**, 125 Suppl 1, S49-51	8.2	68
66	Cellular origin of platelet-derived microparticles in vivo. *Thrombosis Research*, **2010**, 126, e255-9	8.2	31
65	Supernatant of stored platelets causes lung inflammation and coagulopathy in a novel in vivo transfusion model. *Blood*, **2010**, 116, 1360-8	2.2	80
64	Supernatant of aged erythrocytes causes lung inflammation and coagulopathy in a "two-hit" in vivo syngeneic transfusion model. *Anesthesiology*, **2010**, 113, 92-103	4.3	103
63	C-reactive protein in myocardial infarction binds to circulating microparticles but is not associated with complement activation. *Clinical Immunology*, **2010**, 135, 490-5	9	16
62	Optical and non-optical methods for detection and characterization of microparticles and exosomes. *Journal of Thrombosis and Haemostasis*, **2010**, 8, 2596-607	15.4	382
61	Plasma markers of coagulation and endothelial activation in Fabry disease: impact of renal impairment. *Nephrology Dialysis Transplantation*, **2009**, 24, 3074-81	4.3	18
60	Leukocyte activation and circulating leukocyte-derived microparticles in preeclampsia. *American Journal of Reproductive Immunology*, **2009**, 61, 346-59	3.8	55
59	Insulin inhibits tissue factor expression in monocytes. *Journal of Thrombosis and Haemostasis*, **2009**, 7, 198-205	15.4	29
58	Elevated platelet and leukocyte response to oral bacteria in periodontitis. *Journal of Thrombosis and Haemostasis*, **2009**, 7, 162-70	15.4	42
57	Human alternatively spliced tissue factor is not secreted and does not trigger coagulation. *Journal of Thrombosis and Haemostasis*, **2009**, 7, 1423-6	15.4	16
56	Circulating erythrocyte-derived microparticles are associated with coagulation activation in sickle cell disease. *Haematologica*, **2009**, 94, 1513-9	6.6	199
55	Periodontitis is associated with platelet activation. *Atherosclerosis*, **2009**, 202, 605-11	3.1	69
54	Prolactin does not affect human platelet aggregation or secretion. *Thrombosis and Haemostasis*, **2009**, 101, 1119-1127	7	18
53	Cellular origin of microparticles exposing tissue factor in cancer: a mixed double?. *Journal of Thrombosis and Haemostasis*, **2008**, 6, 1514-6	15.4	12
52	Placental corticotrophin-releasing hormone mRNA and microparticles in maternal plasma are not measures of placental shedding of debris: a rebuttal. *Journal of Thrombosis and Haemostasis*, **2008**, 6, 1837-8; author reply 1838-9	15.4	1
51	Phospholipid composition of in vitro endothelial microparticles and their in vivo thrombogenic properties. *Thrombosis Research*, **2008**, 121, 865-71	8.2	75

50	Platelet microparticles contain active caspase 3. *Platelets*, **2008**, 19, 96-103	3.6	68
49	Circulating platelet-derived and placenta-derived microparticles expose Flt-1 in preeclampsia. *Reproductive Sciences*, **2008**, 15, 1002-10	3	30
48	Changes in microparticle numbers and cellular origin during pregnancy and preeclampsia. *Hypertension in Pregnancy*, **2008**, 27, 344-60	2	93
47	Improvement of cognitive test performance in patients undergoing primary CABG and other CPB-assisted cardiac procedures. *Perfusion (United Kingdom)*, **2008**, 23, 267-73	1.9	14
46	Simvastatin-induced endothelial cell detachment and microparticle release are prenylation dependent. *Thrombosis and Haemostasis*, **2008**, 100, 489-497	7	45
45	Systemic changes in haemostatic balance are not associated with increased levels of circulating microparticles in women with recurrent spontaneous abortion. *American Journal of Reproductive Immunology*, **2008**, 59, 159-66	3.8	15
44	Gender-specific and menstrual cycle dependent differences in circulating microparticles. *Platelets*, **2007**, 18, 515-21	3.6	64
43	Microparticle-associated P-selectin reflects platelet activation in preeclampsia. *Platelets*, **2007**, 18, 68-72	3.6	64
42	Microparticles and exosomes: impact on normal and complicated pregnancy. *American Journal of Reproductive Immunology*, **2007**, 58, 389-402	3.8	50
41	Cell-derived microparticles and complement activation in preeclampsia versus normal pregnancy. *Placenta*, **2007**, 28, 928-35	3.4	27
40	Cell Saver device efficiently removes cell-derived microparticles during cardiac surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 134, 798-9	1.5	12
39	Elevated endothelial microparticles following consecutive meals are associated with vascular endothelial dysfunction in type 2 diabetes. *Diabetes Care*, **2007**, 30, 728-30	14.6	46
38	Platelet-Derived Microparticles **2007**, 403-413		6
37	Retransfusion of pericardial blood does not trigger systemic coagulation during cardiopulmonary bypass. *European Journal of Cardio-thoracic Surgery*, **2007**, 31, 1029-36	3	14
36	Activated complement components and complement activator molecules on the surface of cell-derived microparticles in patients with rheumatoid arthritis and healthy individuals. *Annals of the Rheumatic Diseases*, **2007**, 66, 1085-92	2.4	66
35	Inhibition of microparticle release triggers endothelial cell apoptosis and detachment. *Thrombosis and Haemostasis*, **2007**, 98, 1096-107	7	121
34	Expression of inflammation-related genes in endothelial cells is not directly affected by microparticles from preeclamptic patients. *Translational Research*, **2006**, 147, 310-20		22
33	P-selectin- and CD63-exposing platelet microparticles reflect platelet activation in peripheral arterial disease and myocardial infarction. *Clinical Chemistry*, **2006**, 52, 657-64	5.5	167

32	Predilution versus postdilution during continuous venovenous hemofiltration: a comparison of circuit thrombogenesis. *ASAIO Journal*, **2006**, 52, 416-22	3.6	23
31	Two consecutive high-fat meals affect endothelial-dependent vasodilation, oxidative stress and cellular microparticles in healthy men. *Journal of Thrombosis and Haemostasis*, **2006**, 4, 1003-10	15.4	102
30	Synovial microparticles from arthritic patients modulate chemokine and cytokine release by synoviocytes. *Arthritis Research*, **2005**, 7, R536-44		122
29	Cell-derived microparticles contain caspase 3 in vitro and in vivo. *Journal of Thrombosis and Haemostasis*, **2005**, 3, 888-96	15.4	70
28	The phospholipid composition and cholesterol content of platelet-derived microparticles: a comparison with platelet membrane fractions. *Journal of Thrombosis and Haemostasis*, **2005**, 3, 2754-63	15.4	91
27	Congenital deficiency of factor XIII caused by two missense mutations in a Dutch family. *Haemophilia*, **2005**, 11, 539-47	3.3	5
26	Reduced complement activation during cardiopulmonary bypass does not affect the postoperative acute phase response. *European Journal of Cardio-thoracic Surgery*, **2004**, 26, 926-31	3	19
25	Cellular microparticles: new players in the field of vascular disease?. *European Journal of Clinical Investigation*, **2004**, 34, 392-401	4.6	300
24	Generation of platelet-derived microparticles in patients undergoing cardiac surgery is not affected by complement activation. *Journal of Thoracic and Cardiovascular Surgery*, **2003**, 126, 1101-6	1.5	14
23	Saccharomyces cerevisiae-derived HBsAg preparations differ in their attachment to monocytes, immune-suppressive potential, and T-cell immunogenicity. *Journal of Medical Virology*, **2003**, 70, 513-9	19.7	12
22	Pro- and non-coagulant forms of non-cell-bound tissue factor in vivo. *Journal of Thrombosis and Haemostasis*, **2003**, 1, 1920-6	15.4	49
21	Human cell-derived microparticles promote thrombus formation in vivo in a tissue factor-dependent manner. *Journal of Thrombosis and Haemostasis*, **2003**, 1, 2561-8	15.4	240
20	Microparticles in cardiovascular diseases. *Cardiovascular Research*, **2003**, 59, 277-87	9.9	460
19	Enhanced Coagulation Activation in Preeclampsia: the Role of APC Resistance, Microparticles and Other Plasma Constituents. *Thrombosis and Haemostasis*, **2002**, 88, 415-420	7	53
18	Microparticle subpopulations are increased in preeclampsia: possible involvement in vascular dysfunction?. *American Journal of Obstetrics and Gynecology*, **2002**, 187, 450-6	6.4	154
17	Isolated microparticles, but not whole plasma, from women with preeclampsia impair endothelium-dependent relaxation in isolated myometrial arteries from healthy pregnant women. *American Journal of Obstetrics and Gynecology*, **2002**, 187, 1686-93	6.4	92
16	Direct binding of C1q to apoptotic cells and cell blebs induces complement activation. *European Journal of Immunology*, **2002**, 32, 1726-36	6.1	249
15	Cell-derived microparticles in synovial fluid from inflamed arthritic joints support coagulation exclusively via a factor VII-dependent mechanism. *Arthritis and Rheumatism*, **2002**, 46, 2857-66		152

14	Phospholipid composition of cell-derived microparticles determined by one-dimensional high-performance thin-layer chromatography. *Analytical Biochemistry*, **2002**, 302, 191-8	3.1	117
13	Elevated numbers of tissue-factor exposing microparticles correlate with components of the metabolic syndrome in uncomplicated type 2 diabetes mellitus. *Circulation*, **2002**, 106, 2442-7	16.7	309
12	Cell-derived Microparticles Circulate in Healthy Humans and Support Low Grade Thrombin Generation. *Thrombosis and Haemostasis*, **2001**, 85, 639-649	7	515
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