

# Janette N Bester

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,838  
citations

361045

20  
h-index

344852

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2254  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dormant blood microbiome in chronic, inflammatory diseases. <i>FEMS Microbiology Reviews</i> , 2015, 39, 567-591.	3.9	362
2	Effects of IL-1 $\beta$ , IL-6 and IL-8 on erythrocytes, platelets and clot viscoelasticity. <i>Scientific Reports</i> , 2016, 6, 32188.	1.6	244
3	A Comprehensive Review on Eryptosis. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1977-2000.	1.1	163
4	The inflammatory effects of TNF- $\alpha$ and complement component 3 on coagulation. <i>Scientific Reports</i> , 2018, 8, 1812.	1.6	95
5	Acute induction of anomalous and amyloidogenic blood clotting by molecular amplification of highly substoichiometric levels of bacterial lipopolysaccharide. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160539.	1.5	74
6	Viscoelastic and ultrastructural characteristics of whole blood and plasma in Alzheimer-type dementia, and the possible role of bacterial lipopolysaccharides (LPS). <i>Oncotarget</i> , 2015, 6, 35284-35303.	0.8	74
7	Poorly controlled type 2 diabetes is accompanied by significant morphological and ultrastructural changes in both erythrocytes and in thrombin-generated fibrin: implications for diagnostics. <i>Cardiovascular Diabetology</i> , 2015, 14, 30.	2.7	72
8	Erythrocytes and their role as health indicator: Using structure in a patient-orientated precision medicine approach. <i>Blood Reviews</i> , 2016, 30, 263-274.	2.8	72
9	Simultaneous presence of hypercoagulation and increased clot lysis time due to IL-1 $\beta$ , IL-6 and IL-8. <i>Cytokine</i> , 2018, 110, 237-242.	1.4	61
10	Profound Morphological Changes in the Erythrocytes and Fibrin Networks of Patients with Hemochromatosis or with Hyperferritinemia, and Their Normalization by Iron Chelators and Other Agents. <i>PLoS ONE</i> , 2014, 9, e85271.	1.1	59
11	A novel method for assessing the role of iron and its functional chelation in fibrin fibril formation: the use of scanning electron microscopy. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 352-359.	1.3	57
12	A Bacterial Component to Alzheimer's-Type Dementia Seen via a Systems Biology Approach that Links Iron Dysregulation and Inflammagen Shedding to Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1237-1256.	1.2	56
13	High ferritin levels have major effects on the morphology of erythrocytes in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 88.	1.7	50
14	Oxidation Inhibits Iron-Induced Blood Coagulation. <i>Current Drug Targets</i> , 2013, 14, 13-19.	1.0	45
15	Blood clot parameters: Thromboelastography and scanning electron microscopy in research and clinical practice. <i>Thrombosis Research</i> , 2017, 154, 59-63.	0.8	39
16	Novel Diagnostic and Monitoring Tools in Stroke: an Individualized Patient-Centered Precision Medicine Approach. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 493-504.	0.9	34
17	The Potential of LPS-Binding Protein to Reverse Amyloid Formation in Plasma Fibrin of Individuals With Alzheimer-Type Dementia. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 257.	1.7	32
18	Oxidation Inhibits Iron-Induced Blood Coagulation. <i>Current Drug Targets</i> , 2012, 14, 13-19.	1.0	26

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19	Albumin Stabilizes Fibrin Fiber Ultrastructure in Low Serum Albumin Type 2 Diabetes. <i>Ultrastructural Pathology</i> , 2013, 37, 254-257.	0.4	23
20	Interleukin-12 and its procoagulant effect on erythrocytes, platelets and fibrin(ogen): the lesser known side of inflammation. <i>British Journal of Haematology</i> , 2018, 180, 110-117.	1.2	23
21	Novel Use of Scanning Electron Microscopy for Detection of Iron-Induced Morphological Changes in Human Blood. <i>Microscopy Research and Technique</i> , 2013, 76, 268-271.	1.2	22
22	Viscoelasticity as a measurement of clot structure in poorly controlled type 2 diabetes patients: towards a precision and personalized medicine approach. <i>Oncotarget</i> , 2016, 7, 50895-50907.	0.8	20
23	Carbon Monoxide and Iron Modulate Plasmatic Coagulation in Alzheimer's disease. <i>Current Neurovascular Research</i> , 2015, 12, 31-39.	0.4	18
24	The effect of physiological levels of South African puff adder ( <i>Bitis arietans</i> ) snake venom on blood cells: an in vitro model. <i>Scientific Reports</i> , 2016, 6, 35988.	1.6	14
25	Eryptosis in Haemochromatosis: Implications for rheology. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 457-469.	0.9	14
26	Ultrastructural, Confocal and Viscoelastic Characteristics of Whole Blood and Plasma After Exposure to Cadmium and Chromium Alone and in Combination: An Ex Vivo Study. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1288-1300.	1.1	13
27	Tissue factor levels in type 2 diabetes mellitus. <i>Inflammation Research</i> , 2017, 66, 365-368.	1.6	11
28	Atypical erythrocytes and platelets in a patient with a pro-thrombin mutation. <i>Platelets</i> , 2014, 25, 461-462.	1.1	9
29	A Possible Role of Amyloidogenic Blood Clotting in the Evolving Haemodynamics of Female Migraine-With-Aura: Results From a Pilot Study. <i>Frontiers in Neurology</i> , 2019, 10, 1262.	1.1	8
30	Serum Metabolome Changes in Relation to Prothrombotic State Induced by Combined Oral Contraceptives with Drospirenone and Ethinylestradiol. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 404-414.	1.0	8
31	The Impact of Two Combined Oral Contraceptives Containing Ethinyl Estradiol and Drospirenone on Whole Blood Clot Viscoelasticity and the Biophysical and Biochemical Characteristics of Erythrocytes. <i>Microscopy and Microanalysis</i> , 2018, 24, 713-728.	0.2	7
32	Pathophysiological Changes in Erythrocytes Contributing to Complications of Inflammation and Coagulation in COVID-19. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	6
33	The effect of iron overload on red blood cell morphology. <i>Lancet, The</i> , 2014, 383, 722.	6.3	5
34	The effect of combined oral contraceptives containing drospirenone and ethinylestradiol on serum levels of amino acids and acylcarnitines. <i>Metabolomics</i> , 2021, 17, 75.	1.4	4
35	Editorial: Pathological Changes in Erythrocytes During Inflammation and Infection. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
36	Transient ischemic attack during smoking: The thrombotic state of erythrocytes and platelets illustrated visually. <i>Ultrastructural Pathology</i> , 2016, 40, 57-59.	0.4	1

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37	The Value of Detecting Pathological Changes During Clot Formation in Early Disease Treatment-Naïve Breast Cancer Patients. <i>Microscopy and Microanalysis</i> , 2021, 27, 425-436.	0.2	1
38	Ex vivo Vitamin D supplementation improves viscoelastic profiles in prostate cancer patients. <i>Clinical Hemorheology and Microcirculation</i> , 2022, , 1-12.	0.9	1
39	Hemorheological mechanisms for increased thrombosis in subjects using gestodene. <i>Microscopy Research and Technique</i> , 2018, 81, 1489-1500.	1.2	0
40	Mechanical and Physical Behavior of Fibrin Clot Formation and Lysis in Combined Oral Contraceptive Users. <i>Microscopy and Microanalysis</i> , 2020, 26, 1007-1013.	0.2	0