John W Weisel

List of Publications by Year
in descending order

162 papers	9,894 citations	44069 48 h-index	37204 96 g-index
168 all docs	168 docs citations	168 times ranked	8997 citing authors

#	Article	IF	Citations
1	Fibrinogen and Fibrin. Advances in Protein Chemistry, 2005, 70, 247-299.	4.4	689
2	Fibrin gels and their clinical and bioengineering applications. Journal of the Royal Society Interface, 2009, 6, 1-10.	3.4	537
3	Structural Origins of Fibrin Clot Rheology. Biophysical Journal, 1999, 77, 2813-2826.	0.5	476
4	Fibrin Formation, Structure and Properties. Sub-Cellular Biochemistry, 2017, 82, 405-456.	2.4	434
5	Mechanisms of fibrin polymerization and clinical implications. Blood, 2013, 121, 1712-1719.	1.4	371
6	Multiscale Mechanics of Fibrin Polymer: Gel Stretching with Protein Unfolding and Loss of Water. Science, 2009, 325, 741-744.	12.6	346
7	The mechanical properties of fibrin for basic scientists and clinicians. Biophysical Chemistry, 2004, 112, 267-276.	2.8	329
8	Composition of Coronary Thrombus in Acute Myocardial Infarction. Journal of the American College of Cardiology, 2011, 57, 1359-1367.	2.8	329
9	Clot contraction: compression of erythrocytes into tightly packed polyhedra and redistribution of platelets and fibrin. Blood, 2014, 123, 1596-1603.	1.4	311
10	Ultralarge complexes of PF4 and heparin are central to the pathogenesis of heparin-induced thrombocytopenia. Blood, 2005, 105, 131-138.	1.4	272
11	The elasticity of an individual fibrin fiber in a clot. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9133-9137.	7.1	230
12	Fibrin network structure and clot mechanical properties are altered by incorporation of erythrocytes. Thrombosis and Haemostasis, 2009, 102, 1169-1175.	3.4	226
13	The Î±-Helix to Î²-Sheet Transition in Stretched and Compressed Hydrated Fibrin Clots. Biophysical Journal, 2012, 103, 1020-1027.	0.5	213
14	Binding strength and activation state of single fibrinogen-integrin pairs on living cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7426-7431.	7.1	186
15	The Î±C domains of fibrinogen affect the structure of the fibrin clot, its physical properties, and its susceptibility to fibrinolysis. Blood, 2005, 106, 3824-3830.	1.4	145
16	Fibrin mechanical properties and their structural origins. Matrix Biology, 2017, 60-61, 110-123.	3.6	145
17	The distinctive structure and composition of arterial and venous thrombi and pulmonary emboli. Scientific Reports, 2020, 10, 5112.	3.3	145
18	Role of red blood cells in haemostasis and thrombosis. ISBT Science Series, 2017, 12, 176-183.	1.1	136

#	Article	IF	Citations
19	The Structure and Function of the Î±C Domains of Fibrinogen. Annals of the New York Academy of Sciences, 2001, 936, 312-327.	3.8	135
20	Forced Unfolding of Coiled-Coils in Fibrinogen by Single-Molecule AFM. Biophysical Journal, 2007, 92, L39-L41.	0.5	134
21	Proteinâ€"protein unbinding induced by force: single-molecule studies. Current Opinion in Structural Biology, 2003, 13, 227-235.	5.7	133
22	Kinetics and mechanics of clot contraction are governed by the molecular and cellular composition of the blood. Blood, 2016, 127, 149-159.	1.4	133
23	Quantitative structural mechanobiology of platelet-driven blood clot contraction. Nature Communications, 2017, 8, 1274.	12.8	115
24	Mechanism of Fibrin(ogen) Forced Unfolding. Structure, 2011, 19, 1615-1624.	3.3	114
25	Structural basis for the nonlinear mechanics of fibrin networks under compression. Biomaterials, 2014, 35, 6739-6749.	11.4	110
26	Polymerization of fibrin: specificity, strength, and stability of knob-hole interactions studied at the single-molecule level. Blood, 2005, 106, 2944-2951.	1.4	109
27	Dynamic Changes of Fibrin Architecture during Fibrin Formation and Intrinsic Fibrinolysis of Fibrin-rich Clots. Journal of Biological Chemistry, 2003, 278, 21331-21335.	3.4	107
28	Functional analysis of fibrin Î³-chain cross-linking by activated factor XIII: determination of a cross-linking pattern that maximizes clot stiffness. Blood, 2007, 110, 902-907.	1.4	101
29	Fibrin Fiber Stiffness Is Strongly Affected by Fiber Diameter, but Not by Fibrinogen Glycation. Biophysical Journal, 2016, 110, 1400-1410.	0.5	101
30	Direct Evidence for Specific Interactions of the Fibrinogen Î±C-Domains with the Central E Region and with Each Other. Biochemistry, 2007, 46, 9133-9142.	2.5	98
31	What Is the Biological and Clinical Relevance of Fibrin?. Seminars in Thrombosis and Hemostasis, 2016, 42, 333-343.	2.7	96
32	Mechanical Transition from Î±-Helical Coiled Coils to Î²-Sheets in Fibrin(ogen). Journal of the American Chemical Society, 2012, 134, 20396-20402.	13.7	95
33	Contraction of Blood Clots Is Impaired in Acute Ischemic Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 271-279.	2.4	87
34	Structural Studies of Fibrinolysis by Electron Microscopy. Blood, 1998, 92, 4721-4729.	1.4	86
35	Functional impact of oxidative posttranslational modifications on fibrinogen and fibrin clots. Free Radical Biology and Medicine, 2013, 65, 411-418.	2.9	83
36	Effects of fibrin micromorphology on neurite growth from dorsal root ganglia cultured in three-dimensional fibrin gels. Journal of Biomedical Materials Research Part B, 1998, 40, 551-559.	3.1	76

#	Article	IF	Citations
37	Circulating Microparticles Alter Formation, Structure and Properties of Fibrin Clots. Scientific Reports, 2015, 5, 17611.	3.3	76
38	Protein unfolding accounts for the unusual mechanical behavior of fibrin networks. Acta Biomaterialia, 2011, 7, 2374-2383.	8.3	75
39	Biological and Clinical Consequences of Integrin Binding via a Rogue RGD Motif in the SARS CoV-2 Spike Protein. Viruses, 2021, 13, 146.	3.3	74
40	Enigmas of Blood Clot Elasticity. Science, 2008, 320, 456-457.	12.6	71
41	Simultaneous Occurrence of Human Antibodies Directed against Fibrinogen, Thrombin, and Factor V Following Exposure to Bovine Thrombin: Effects on Blood Coagulation, Protein C Activation and Platelet Function. Thrombosis and Haemostasis, 1997, 77, 343-349.	3.4	63
42	Dissociation of Bimolecular Î±IIbÎ²3-Fibrinogen Complex under a Constant Tensile Force. Biophysical Journal, 2011, 100, 165-173.	0.5	58
43	Blood clot contraction differentially modulates internal and external fibrinolysis. Journal of Thrombosis and Haemostasis, 2019, 17, 361-370.	3.8	57
44	Structural Studies of Fibrinolysis by Electron and Light Microscopy. Thrombosis and Haemostasis, 1999, 82, 277-282.	3.4	56
45	Electron microscope investigation of the early stages of fibrin assembly. Journal of Molecular Biology, 1990, 216, 503-509.	4.2	54
46	Model predictions of deformation, embolization and permeability of partially obstructive blood clots under variable shear flow. Journal of the Royal Society Interface, 2017, 14, 20170441.	3.4	54
47	Interrelationships between structure and function during the hemostatic response to injury. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2243-2252.	7.1	54
48	Rupture of blood clots: Mechanics and pathophysiology. Science Advances, 2020, 6, eabc0496.	10.3	54
49	Shape changes of erythrocytes during blood clot contraction and the structure of polyhedrocytes. Scientific Reports, 2018, 8, 17907.	3.3	53
50	Visualization and identification of the structures formed during early stages of fibrin polymerization. Blood, 2011, 117, 4609-4614.	1.4	52
51	Foam-like compression behavior of fibrin networks. Biomechanics and Modeling in Mechanobiology, 2016, 15, 213-228.	2.8	50
52	Molecular and Physical Mechanisms of Fibrinolysis and Thrombolysis from Mathematical Modeling and Experiments. Scientific Reports, 2017, 7, 6914.	3.3	48
53	Neutrophil Î±-defensins promote thrombosis in vivo by altering fibrin formation, structure, and stability. Blood, 2019, 133, 481-493.	1.4	48
54	Reduced Contraction of Blood Clots in Venous Thromboembolism Is a Potential Thrombogenic and Embologenic Mechanism. TH Open, 2018, 02, e104-e115.	1.4	46

#	Article	IF	Citations
55	On the Mechanism of Î±C Polymer Formation in Fibrin. Biochemistry, 2012, 51, 2526-2538.	2.5	45
56	Interplay of Platelet Contractility and Elasticity of Fibrin/Erythrocytes in Blood Clot Retraction. Biophysical Journal, 2017, 112, 714-723.	0.5	41
57	Structure, Stability, and Interaction of Fibrin Î±C-Domain Polymers. Biochemistry, 2011, 50, 8028-8037.	2.5	40
58	Quantitative Morphology of Cerebral Thrombi Related to Intravital Contraction and Clinical Features of Ischemic Stroke. Stroke, 2020, 51, 3640-3650.	2.0	40
59	Fibrinogen and Fibrin. Sub-Cellular Biochemistry, 2021, 96, 471-501.	2.4	38
60	Binding of a fibrinogen mimetic stabilizes integrin Î±IIbÎ²3's open conformation. Protein Science, 2001, 10, 1614-1626.	7.6	37
61	Enhanced biocompatibility of CD47-functionalized vascular stents. Biomaterials, 2016, 87, 82-92.	11.4	37
62	Resolving Two-dimensional Kinetics of the Integrin Î±IIbÎ²3-Fibrinogen Interactions Using Binding-Unbinding Correlation Spectroscopy. Journal of Biological Chemistry, 2012, 287, 35275-35285.	3.4	36
63	Structural Basis of Interfacial Flexibility in Fibrin Oligomers. Structure, 2016, 24, 1907-1917.	3.3	35
64	Morphometric characterization of fibrinogen's Î±C regions and their role in fibrin self-assembly and molecular organization. Nanoscale, 2017, 9, 13707-13716.	5.6	35
65	Platelet factor 4-containing immune complexes induce platelet activation followed by calpain-dependent platelet death. Cell Death Discovery, 2019, 5, 106.	4.7	35
66	Impaired contraction of blood clots as a novel prothrombotic mechanism in systemic lupus erythematosus. Clinical Science, 2018, 132, 243-254.	4.3	34
67	The Role of von Willebrand Factor, ADAMTS13, and Cerebral Artery Thrombus Composition in Patient Outcome Following Mechanical Thrombectomy for Acute Ischemic Stroke. Medical Science Monitor, 2018, 24, 3929-3945.	1.1	34
68	Atomic Structural Models of Fibrin Oligomers. Structure, 2018, 26, 857-868.e4.	3.3	33
69	Flow-dependent channel formation in clots by an erythrocyte-bound fibrinolytic agent. Blood, 2011, 117, 4964-4967.	1.4	32
70	Clot stability as a determinant of effective factor VIII replacement in hemophilia A. Research and Practice in Thrombosis and Haemostasis, 2017, 1, 231-241.	2.3	30
71	Phase transitions during compression and decompression of clots from platelet-poor plasma, platelet-rich plasma and whole blood. Acta Biomaterialia, 2017, 60, 275-290.	8.3	29
72	Conformational Flexibility and Self-Association of Fibrinogen in Concentrated Solutions. Journal of Physical Chemistry B, 2017, 121, 7833-7843.	2.6	29

#	Article	IF	Citations
73	Pathology of lungâ€specific thrombosis and inflammation in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2021, 19, 3062-3072.	3.8	28
74	Nonmalignant portal vein thrombi in patients with cirrhosis consist of intimal fibrosis with or without a fibrinâ€rich thrombus. Hepatology, 2022, 75, 898-911.	7.3	28
75	Strong Binding of Platelet Integrin Î±IIbÎ²3 to Fibrin Clots: Potential Target to Destabilize Thrombi. Scientific Reports, 2017, 7, 13001.	3.3	27
76	Fatal dysfunction and disintegration of thrombin-stimulated platelets. Haematologica, 2019, 104, 1866-1878.	3.5	27
77	T2 Magnetic Resonance: A Diagnostic Platform for Studying Integrated Hemostasis in Whole Bloodâ€"Proof of Concept. Clinical Chemistry, 2014, 60, 1174-1182.	3.2	26
78	Activated Monocytes Enhance Platelet-Driven Contraction of Blood Clots via Tissue Factor Expression. Scientific Reports, 2017, 7, 5149.	3.3	25
79	Hypodysfibrinogenaemia due to production of mutant fibrinogen alpha-chains lacking fibrinopeptide A and polymerisation knob â€˜Aâ€™. Thrombosis and Haemostasis, 2010, 104, 990-997.	3.4	24
80	Thrombus composition in sudden cardiac death from acute myocardial infarction. Resuscitation, 2017, 113, 108-114.	3.0	24
81	Altered platelet and coagulation function in moderate-to-severe COVID-19. Scientific Reports, 2021, 11, 16290.	3.3	24
82	Regulatory element in fibrin triggers tension-activated transition from catch to slip bonds. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8575-8580.	7.1	23
83	In systemic lupus erythematosus anti-dsDNA antibodies can promote thrombosis through direct platelet activation. Journal of Autoimmunity, 2020, 107, 102355.	6.5	23
84	Contribution of nascent cohesive fiber-fiber interactions to the non-linear elasticity of fibrin networks under tensile load. Acta Biomaterialia, 2019, 94, 514-523.	8.3	22
85	Pathologically stiff erythrocytes impede contraction of blood clots. Journal of Thrombosis and Haemostasis, 2021, 19, 1990-2001.	3.8	22
86	Factor XIII topology: organization of B subunits and changes with activation studied with singleâ€molecule atomic force microscopy. Journal of Thrombosis and Haemostasis, 2019, 17, 737-748.	3.8	20
87	Visualizing thrombosis to improve thrombus resolution. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 38-50.	2.3	20
88	Lytic Susceptibility, Structure, and Mechanical Properties of Fibrin in Systemic Lupus Erythematosus. Frontiers in Immunology, 2019, 10, 1626.	4.8	19
89	Impaired contraction of blood clots precedes and predicts postoperative venous thromboembolism. Scientific Reports, 2020, 10, 18261.	3.3	18
90	Revealing the molecular origins of fibrin's elastomeric properties by in situ X-ray scattering. Acta Biomaterialia, 2020, 104, 39-52.	8.3	17

#	Article	IF	Citations
91	Premorbid Hemostasis in Women with a History of Pregnancy Loss. Thrombosis and Haemostasis, 2019, 119, 1994-2004.	3.4	16
92	Use of electron microscopy to study platelets and thrombi. Platelets, 2020, 31, 580-588.	2.3	14
93	Structure, mechanical properties, and modeling of cyclically compressed pulmonary emboli. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 105, 103699.	3.1	14
94	An Improved Substrate for Superior Imaging of Individual Biomacromolecules with Atomic Force Microscopy. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111321.	5.0	13
95	Molecular packing structure of fibrin fibers resolved by X-ray scattering and molecular modeling. Soft Matter, 2020, 16, 8272-8283.	2.7	13
96	Strength and deformability of fibrin clots: Biomechanics, thermodynamics, and mechanisms of rupture. Acta Biomaterialia, 2021, 131, 355-369.	8.3	13
97	Whole blood clot optical clearing for nondestructive 3D imaging and quantitative analysis. Biomedical Optics Express, 2017, 8, 3671.	2.9	12
98	Accelerated Spatial Fibrin Growth and Impaired Contraction of Blood Clots in Patients with Rheumatoid Arthritis. International Journal of Molecular Sciences, 2020, 21, 9434.	4.1	12
99	The Story of the Fibrin(ogen) Î±C-Domains: Evolution of Our View on Their Structure and Interactions. Thrombosis and Haemostasis, 2022, 122, 1265-1278.	3.4	12
100	Monitoring coagulopathies in fluid resuscitation for trauma or surgery. Thrombosis Research, 2014, 134, 535-536.	1.7	11
101	Extent of intravital contraction of arterial and venous thrombi andÂpulmonary emboli. Blood Advances, 2022, 6, 1708-1718.	5.2	11
102	Rapid Evaluation of Platelet Function With T2 Magnetic Resonance. American Journal of Clinical Pathology, 2016, 146, 681-693.	0.7	9
103	Age-Dependent Differential Staining of Fibrin in Blood Clots and Thrombi. BioNanoScience, 2020, 10, 370-374.	3.5	9
104	Automated Fiber Diameter and Porosity Measurements of Plasma Clots in Scanning Electron Microscopy Images. Biomolecules, 2021, 11, 1536.	4.0	9
105	Incorporation of Fibrin, Platelets, and Red Blood Cells into a Coronary Thrombus in Time and Space. Thrombosis and Haemostasis, 2022, 122, 434-444.	3.4	9
106	Clot Lysis of Variant Recombinant Fibrinogens Confirms that Fiber Diameter is a Major Determinant of Lysis Rate. Annals of the New York Academy of Sciences, 2001, 936, 331-334.	3.8	8
107	Cleavage of talin by calpain promotes platelet-mediated fibrin clot contraction. Blood Advances, 2021, 5, 4901-4909.	5.2	8
108	Studies of combined NO-eluting/CD47-modified polyurethane surfaces for synergistic enhancement of biocompatibility. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111060.	5.0	8

#	Article	IF	Citations
109	Computational biomechanical modeling of fibrin networks and platelet-fiber network interactions. Current Opinion in Biomedical Engineering, 2022, 22, 100369.	3.4	8
110	â€œTa panta rheiâ€. Blood, 2010, 116, 3123-3124.	1.4	7
111	Not fibrin(ogen), but fibrinogen or fibrin. Blood, 2015, 126, 1977-1978.	1.4	7
112	Unique transmembrane domain interactions differentially modulate integrin Î±vÎ²3 and Î±IIbÎ²3 function. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12295-12300.	7.1	7
113	Platelet Activation in Heparin-Induced Thrombocytopenia is Followed by Platelet Death via Complex Apoptotic and Non-Apoptotic Pathways. International Journal of Molecular Sciences, 2020, 21, 2556.	4.1	7
114	Effects of Hyperhomocysteinemia on the Platelet-Driven Contraction of Blood Clots. Metabolites, 2021, 11, 354.	2.9	7
115	Coldâ€stored platelets have better preserved contractile function in comparison with room temperatureâ€stored platelets over 21â€‰days. Transfusion, 2021, 61, S68-S79.	1.6	7
116	Fibrous gels modelled as fluid-filled continua with double-well energy landscape. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200643.	2.1	7
117	Percutaneous delivery of self-propelling hemostatic powder for managing non-compressible abdominal hemorrhage: a proof-of-concept study in swine. Injury, 2022, 53, 1603-1609.	1.7	7
118	An Automated Approach for Fibrin Network Segmentation and Structure Identification in 3D Confocal Microscopy Images. , 2014, , .		6
119	Biomechanical origins of inherent tension in fibrin networks. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 133, 105328.	3.1	6
120	Chronic Immune Platelet Activation Is Followed by Platelet Refractoriness and Impaired Contractility. International Journal of Molecular Sciences, 2022, 23, 7336.	4.1	6
121	Antifibrinogen IgG, Fibrinogen, and Clq Complexes Circulating in a Hypodysfibrinogenemic Proband. Annals of the New York Academy of Sciences, 2001, 936, 611-616.	3.8	4
122	Clot Contraction-Mediated Erythrocyte Packing Is Significantly Altered in Sickle Cell Disease. Blood, 2015, 126, 215-215.	1.4	4
123	Platelets Lacking PIP5KIÎ³ Have Impaired Cytoskeletal Dynamics and Adhesion, but No Defect in Integrin Activation.. Blood, 2009, 114, 772-772.	1.4	4
124	Contribution of septins to human platelet structure and function. IScience, 2022, , 104654.	4.1	4
125	Adaptation of fibrous biopolymers to recurring increasing strains. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12164-12165.	7.1	3
126	Differential Sensitivity of Various Markers of Platelet Activation with Adenosine Diphosphate. BioNanoScience, 2019, 9, 53-58.	3.5	3

#	Article	IF	Citations
127	Abnormal clot microstructure formed in blood containing HIT-like antibodies. Thrombosis Research, 2020, 193, 25-30.	1.7	3
128	Structure and Properties of Clots from Fibrinogen BicÃªtre II (Î³308 Asnâ†'Lys). Annals of the New York Academy of Sciences, 2006, 936, 125-128.	3.8	2
129	Visualization of Platelet Integrins via Two-Photon Microscopy Using Anti-transmembrane Domain Peptides Containing a Blue Fluorescent Amino Acid. Biochemistry, 2021, 60, 1722-1730.	2.5	2
130	Fibrin Generation in Heparin-Induced Thrombocytopenia (HIT): Pathomechanistic Background for Novel Therapy and Prophylaxis. Blood, 2012, 120, 635-635.	1.4	2
131	Proteolytic Cleavage of Endothelial Cell-Bound Von Willebrand Factor Polymers by ADAMTS13 in the Absence of Flow Shear Stress. Blood, 2008, 112, 3913-3913.	1.4	2
132	Time-Dependent Single-Molecule Interactions of the Platelet Integrin Î±IIbÎ²3 with Cyclic Arg-Gly-Asp and the Fibrin(ogen) Î³C-Dodecapeptide. Blood, 2010, 116, 2103-2103.	1.4	2
133	Novel characteristics of soluble fibrin: hypercoagulability and acceleration of blood sedimentation rate mediated by its generation of erythrocyte-linked fibers. Cell and Tissue Research, 2022, 387, 479-491.	2.9	2
134	Fibronectin comes to the fore in thrombus growth. Blood, 2006, 107, 3419-3420.	1.4	1
135	Blood Clot Contraction is Reduced in Sickle Cell Disease due to Increased Rigidity of Erythrocytes. Biophysical Journal, 2018, 114, 540a-541a.	0.5	1
136	Could Some Nonhemostatic Plasma Proteins Serve as Refuse Collectors for Fibrin(ogen)?. Thrombosis and Haemostasis, 2019, 119, 1900-1900.	3.4	1
137	Fibers Generated by Plasma Des-AA Fibrin Monomers and Protofibril/Fibrinogen Clusters Bind Platelets: Clinical and Nonclinical Implications. TH Open, 2021, 05, e273-e285.	1.4	1
138	Microparticles Modulate Formation, Structure, and Properties of Fibrin Clots. Blood, 2014, 124, 2807-2807.	1.4	1
139	Role of Red Cells in Thrombosis and Hemostasis. Blood, 2015, 126, SCI-39-SCI-39.	1.4	1
140	Mice Lacking PIP5KÎ² or PIP5KÎ³ Have Unique Cytoskeletal Changes within Their Megakaryocytes & Platelets.. Blood, 2005, 106, 380-380.	1.4	1
141	Membrane Remodeling By Pathogenic Antibodies Underlies Monocyte Activation in Heparin-Induced Thrombocytopenia. Blood, 2015, 126, 2244-2244.	1.4	1
142	Spatial Structure of Plasma Coagulation Factor XIII and Changes with Activation. Blood, 2018, 132, 19-19.	1.4	1
143	Differential sensitivity of various markers of platelet activation with adenosine diphosphate. BioNanoScience, 2019, 9, 53-58.	3.5	1
144	Multiple Approaches to Visualizing Fibrin Clot Structure and Assembly. Microscopy and Microanalysis, 1997, 3, 329-330.	0.4	0

#	Article	IF	Citations
145	Structural Studies of Fibrinolysis: How to Disassemble a Clot. Microscopy and Microanalysis, 2000, 6, 550-551.	0.4	0
146	Single-Molecule Interactions of a Monoclonal Anti-DNA Antibody with DNA. BioNanoScience, 2017, 7, 132-147.	3.5	0
147	Obituary for Professor Dr. Jan Evangelista Dyr. Metabolites, 2021, 11, 243.	2.9	0
148	Pathologically stiff erythrocytes impede contraction of blood clots: Reply to comment. Journal of Thrombosis and Haemostasis, 2021, 19, 2894-2895.	3.8	0
149	Multi-Step Fibrinogen-Î±IIbÎ²3 Binding/Unbinding Revealed at the Single Molecule Level Using Laser Tweezers.. Blood, 2004, 104, 623-623.	1.4	0
150	PIP5KIÎ³ Knockout Megakaryocytes Have Defects in Their Cytoskeleton & Demarcation Membrane System, yet Form Proplatlets & Platelets.. Blood, 2006, 108, 1793-1793.	1.4	0
151	Effects of Impaired Fibrinopeptide A Cleavage on Fibrin Clot Structure: Studies with an AÎ± R16C Dysfibrinogen.. Blood, 2006, 108, 1617-1617.	1.4	0
152	Measurement of the Lifetime of Bonds Between Î±IIbÎ²3 and Fibrinogen Using Constant Unbinding Forces Generated by Optical Tweezers. Blood, 2008, 112, 254-254.	1.4	0
153	Loss of Individual PIP5KI Isoforms Demonstrate That Spatial PIP2 Synthesis Is Required for Platelet Second Messenger Formation & Integrity of the Actin Cytoskeleton. Blood, 2008, 112, 109-109.	1.4	0
154	Visualizing the Molecular and Cellular Basis of Heparin Induced Thrombocytopenia.. Blood, 2009, 114, 228-228.	1.4	0
155	Interaction of the Integrin Î±IIbÎ²3 with Monomeric Fibrin at the Single-Molecule Level.. Blood, 2009, 114, 4018-4018.	1.4	0
156	Effects of Platelets and Erythrocytes on the Dynamic Size and Mechanical Properties of Blood Clots during Contraction. Blood, 2014, 124, 4225-4225.	1.4	0
157	Blood Clot Contraction Dynamics Studied with an Automated Analyzer System. Blood, 2014, 124, 2796-2796.	1.4	0
158	The Platelet Integrin alphaIIbbeta3 Differentially Interacts with Fibrin and Fibrinogen. Blood, 2015, 126, 3444-3444.	1.4	0
159	Apoptosis Might Contribute to the Thrombocytopenia in Heparin-Induced Thrombocytopenia. Blood, 2016, 128, 2545-2545.	1.4	0
160	Fatal Dysfunction and Fragmentation of Thrombin-Stimulated Platelets. Blood, 2018, 132, 521-521.	1.4	0
161	Fibrinolysis of Contracted Blood Clots Depends on Whether Plasminogen Activator Acts from inside or Outside. Blood, 2018, 132, 3773-3773.	1.4	0
162	Active Calpain Promotes Fibrin Clot Contraction By Strengthening the Coupling of Fibrin-Bound Î±IIbÎ²3 to the Platelet Cytoskeleton. Blood, 2018, 132, 1128-1128.	1.4	0