

Fraser L Macrae

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5789823/publications.pdf>

Version: 2024-02-01

19
papers

428
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	A fibrin biofilm covers blood clots and protects from microbial invasion. <i>Journal of Clinical Investigation</i> , 2018, 128, 3356-3368.	8.2	88
2	Thrombus Structural Composition in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2370-2383.	2.4	83
3	Thrombin and fibrinogen β impact clot structure by marked effects on intrafibrillar structure and protofibril packing. <i>Blood</i> , 2016, 127, 487-495.	1.4	53
4	The prothrombotic state in paroxysmal nocturnal hemoglobinuria: a multifaceted source. <i>Haematologica</i> , 2018, 103, 9-17.	3.5	35
5	The (Patho)physiology of Fibrinogen β . <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 344-355.	2.7	28
6	Recurrent venous thromboembolism patients form clots with lower elastic modulus than those formed by patients with non-recurrent disease. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 618-626.	3.8	24
7	RBCs prevent rapid PIEZO1 inactivation and expose slow deactivation as a mechanism of dehydrated hereditary stomatocytosis. <i>Blood</i> , 2020, 136, 140-144.	1.4	23
8	The Role of Fibrin(ogen) in Wound Healing and Infection Control. <i>Seminars in Thrombosis and Hemostasis</i> , 2022, 48, 174-187.	2.7	23
9	Affimer proteins as a tool to modulate fibrinolysis, stabilize the blood clot, and reduce bleeding complications. <i>Blood</i> , 2019, 133, 1233-1244.	1.4	17
10	Sensing adhesion forces between erythrocytes and β fibrinogen, modulating fibrin clot architecture and function. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 909-918.	3.3	13
11	The alpha-2-antiplasmin Arg407Lys polymorphism is associated with Abdominal Aortic Aneurysm. <i>Thrombosis Research</i> , 2014, 134, 723-728.	1.7	10
12	High fibrinogen β levels in patient plasma increase clot formation at arterial and venous shear. <i>Blood Advances</i> , 2021, 5, 3468-3477.	5.2	9
13	Assessment and determinants of whole blood and plasma fibrinolysis in patients with mild bleeding symptoms. <i>Thrombosis Research</i> , 2019, 174, 88-94.	1.7	5
14	Impact of β fibrinogen interaction with red blood cells on fibrin clots. <i>Nanomedicine</i> , 2018, 13, 2491-2505.	3.3	4
15	Inhibition of plasmin-mediated TAFI activation may affect development but not progression of abdominal aortic aneurysms. <i>PLoS ONE</i> , 2017, 12, e0177117.	2.5	4
16	Common FXIII and Fibrinogen Polymorphisms in Abdominal Aortic Aneurysms. <i>PLoS ONE</i> , 2014, 9, e112407.	2.5	3
17	The β sequence on the α chain of fibrinogen is essential for binding to its erythrocyte receptor. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1985-1992.	6.7	3
18	Patients with paroxysmal nocturnal hemoglobinuria demonstrate a prothrombotic clotting phenotype which is improved by complement inhibition with eculizumab. <i>American Journal of Hematology</i> , 2020, 95, 944-952.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Reflections of Research Getting to the heart of the problem, by Fraser Macrae. British Journal of Cardiac Nursing, 2017, 12, 531-531.	0.1	0