Helen Philippou

List of Publications by Year in descending order

46 papers	2,328 citations	279701 23 h-index	254106 43 g-index
47 all docs	47 docs citations	47 times ranked	2487 citing authors

#	Article	IF	Citations
1	A Comparative Assessment Study of Known Small-molecule GPVI Modulators. ACS Medicinal Chemistry Letters, 2022, 13, 171-181.	1.3	4
2	Novel interaction of properdin and coagulation factor XI: Crosstalk between complement and coagulation. Research and Practice in Thrombosis and Haemostasis, 2022, 6, e12715.	1.0	4
3	Observations on clot properties in atrial fibrillation: Relation to renal function and choice of anticoagulant. Thrombosis Research, 2021, 197, 69-76.	0.8	1
4	Kallikrein directly interacts with and activates Factor IX, resulting in thrombin generation and fibrin formation independent of Factor XI. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
5	FXII inhibition: multipronged benefits. Blood, 2021, 138, 107-109.	0.6	0
6	Drugs in phase I and II clinical development for the prevention of stroke in patients with atrial fibrillation. Expert Opinion on Investigational Drugs, 2021, 30, 1057-1069.	1.9	8
7	Elimination of fibrin Î³-chain cross-linking by FXIIIa increases pulmonary embolism arising from murine inferior vena cava thrombi. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2103226118.	3.3	10
8	Fibrinogen Î±C-subregions critically contribute blood clot fibre growth, mechanical stability, and resistance to fibrinolysis. ELife, 2021, 10, .	2.8	13
9	Proteolytic and nonproteolytic activation mechanisms result in conformationally and functionally different forms of coagulation factor XIII A. FEBS Journal, 2020, 287, 452-464.	2.2	10
10	Effect of anticoagulants on fibrin clot structure: A comparison between vitamin K antagonists and factor Xa inhibitors. Research and Practice in Thrombosis and Haemostasis, 2020, 4, 1269-1281.	1.0	12
11	Progress toward a Glycoprotein VI Modulator for the Treatment of Thrombosis. Journal of Medicinal Chemistry, 2020, 63, 12213-12242.	2.9	5
12	Investigating the functional relationship between streptokinase variants from Group A Streptococcus, and associated M-like proteins. Access Microbiology, 2020, 2, .	0.2	0
13	Investigating the impact of M1 protein from Group A Streptococcus on fibrin clot formation, structure and fibrinolytic potential. Access Microbiology, 2020, 2, .	0.2	0
14	Structure functional insights into calcium binding during the activation of coagulation factor XIII A. Scientific Reports, 2019, 9, 11324.	1.6	52
15	Evaluation of the Total Thrombus-Formation System (T-TAS): application to human and mouse blood analysis. Platelets, 2019, 30, 893-900.	1.1	19
16	Immobilized fibrinogen activates human platelets through glycoprotein VI. Haematologica, 2018, 103, 898-907.	1.7	101
17	The role of Î²-barrels 1 and 2 in the enzymatic activity of factor XIII A-subunit. Journal of Thrombosis and Haemostasis, 2018, 16, 1391-1401.	1.9	6
18	A fibrin biofilm covers blood clots and protects from microbial invasion. Journal of Clinical Investigation, 2018, 128, 3356-3368.	3.9	88

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19	Fibrin and D-dimer bind to monomeric GPVI. Blood Advances, 2017, 1, 1495-1504.	2.5	72
20	Altered fibrin clot structure in patients with atrial fibrillation and worsening renal function. Thrombosis and Haemostasis, 2016, 116, 408-409.	1.8	8
21	Revisiting the mechanism of coagulation factor XIII activation and regulation from a structure/functional perspective. Scientific Reports, 2016, 6, 30105.	1.6	28
22	Factor XIII A-Subunit V34L Variant Affects Thrombus Cross-Linking in a Murine Model of Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 308-316.	1.1	23
23	The interaction between fibrinogen and zymogen FXIII-A2B2 is mediated by fibrinogen residues Î³390-396 and the FXIII-B subunits. Blood, 2016, 128, 1969-1978.	0.6	42
24	Coagulation Factor XIIIA Subunit Missense Mutations Affect Structure and Function at the Various Steps of Factor XIII Action. Human Mutation, 2016, 37, 1030-1041.	1.1	17
25	Ranking reactive glutamines in the fibrinogen Î±C region that are targeted by blood coagulant factor XIII. Blood, 2016, 127, 2241-2248.	0.6	13
26	Thrombin and fibrinogen Î³â€² impact clot structure by marked effects on intrafibrillar structure and protofibril packing. Blood, 2016, 127, 487-495.	0.6	53
27	The role of activated coagulation factor XII in overall clot stability and fibrinolysis. Thrombosis Research, 2015, 136, 474-480.	0.8	33
28	Clot properties and cardiovascular disease. Thrombosis and Haemostasis, 2014, 112, 901-908.	1.8	80
29	Roles of fibrin Î±- and Î³-chain specific cross-linking by FXIIIa in fibrin structure and function. Thrombosis and Haemostasis, 2014, 112, 842-850.	1.8	69
30	The alpha-2-antiplasmin Arg407Lys polymorphism is associated with Abdominal Aortic Aneurysm. Thrombosis Research, 2014, 134, 723-728.	0.8	10
31	The effect of blood coagulation factor XIII on fibrin clot structure and fibrinolysis. Journal of Thrombosis and Haemostasis, 2014, 12, 197-205.	1.9	136
32	Unexplained bleeding: another player to look out for!. Blood, 2014, 124, 1850-1851.	0.6	1
33	The activation peptide cleft exposed by thrombin cleavage of FXIII-A2 contains a recognition site for the fibrinogen Î± chain. Blood, 2013, 121, 2117-2126.	0.6	31
34	Partial deletion of the Î±C-domain in the Fibrinogen Perth variant is associated with thrombosis, increased clot strength and delayed fibrinolysis. Thrombosis and Haemostasis, 2013, 110, 1135-1144.	1.8	11
35	Role of Fibrin Structure in Thrombosis and Vascular Disease. Advances in Protein Chemistry and Structural Biology, 2011, 83, 75-127.	1.0	68
36	Interactions between factor XIII and the Î±C region of fibrinogen. Blood, 2011, 117, 3460-3468.	0.6	56

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37	Proteolytic and genetic variation of the alpha-2-antiplasmin C-terminus in myocardial infarction. Blood, 2011, 117, 6694-6701.	0.6	19
38	Factor XIIa regulates the structure of the fibrin clot independently of thrombin generation through direct interaction with fibrin. Blood, 2011, 118, 3942-3951.	0.6	114
39	Clot Architecture Is Altered in Abdominal Aortic Aneurysms and Correlates With Aneurysm Size. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 3004-3010.	1.1	55
40	Polyphosphate modifies the fibrin network and down-regulates fibrinolysis by attenuating binding of tPA and plasminogen to fibrin. Blood, 2010, 115, 3980-3988.	0.6	143
41	Fibrin clot structure remains unaffected in young, healthy individuals after transient exposure to diesel exhaust. Particle and Fibre Toxicology, 2010, 7, 17.	2.8	16
42	The pleiotropic role of the fibrinogen Î³â€² chain in hemostasis. Blood, 2009, 114, 3994-4001.	0.6	91
43	Directing thrombin. Blood, 2005, 106, 2605-2612.	0.6	298
44	Roles of Low Specificity and Cofactor Interaction Sites on Thrombin during Factor XIII Activation. Journal of Biological Chemistry, 2003, 278, 32020-32026.	1.6	37
45	The factor XIII V34L polymorphism accelerates thrombin activation of factor XIII and affects cross-linked fibrin structure. Blood, 2000, 96, 988-995.	0.6	314
46	Factor V Leiden Gene Mutation and Thrombin Generation in Relation to the Development of Acute Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 783-785.	1.1	119