

James R Byrnes

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,550
citations

471509

17
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

3018
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibrinogen and Fibrin in Hemostasis and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e13-e21.	2.4	246
2	Red blood cells in thrombosis. <i>Blood</i> , 2017, 130, 1795-1799.	1.4	228
3	Factor XIII activity mediates red blood cell retention in venous thrombi. <i>Journal of Clinical Investigation</i> , 2014, 124, 3590-3600.	8.2	165
4	Fibrinogen and red blood cells in venous thrombosis. <i>Thrombosis Research</i> , 2014, 133, S38-S40.	1.7	125
5	Factor XIIIa-dependent retention of red blood cells in clots is mediated by fibrin α -chain crosslinking. <i>Blood</i> , 2015, 126, 1940-1948.	1.4	121
6	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection. <i>Nature Biotechnology</i> , 2021, 39, 928-935.	17.5	106
7	Bi-paratopic and multivalent VH domains block ACE2 binding and neutralize SARS-CoV-2. <i>Nature Chemical Biology</i> , 2021, 17, 113-121.	8.0	78
8	ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens. <i>Cell Reports Medicine</i> , 2020, 1, 100123.	6.5	70
9	Newly-Recognized Roles of Factor XIII in Thrombosis. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 445-454.	2.7	62
10	Competitive SARS-CoV-2 Serology Reveals Most Antibodies Targeting the Spike Receptor-Binding Domain Compete for ACE2 Binding. <i>MSphere</i> , 2020, 5, .	2.9	62
11	Factor XIII in plasma, but not in platelets, mediates red blood cell retention in clots and venous thrombus size in mice. <i>Blood Advances</i> , 2018, 2, 25-35.	5.2	46
12	Elevated Prothrombin Promotes Venous, but Not Arterial, Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1829-1836.	2.4	44
13	The interaction between fibrinogen and zymogen FXIII-A2B2 is mediated by fibrinogen residues α 390-396 and the FXIII-B subunits. <i>Blood</i> , 2016, 128, 1969-1978.	1.4	42
14	Coagulation factor XIIIa is inactivated by plasmin. <i>Blood</i> , 2015, 126, 2329-2337.	1.4	34
15	A high-fat diet delays plasmin generation in a thrombomodulin-dependent manner in mice. <i>Blood</i> , 2020, 135, 1704-1717.	1.4	31
16	Mapping proteolytic neo-N termini at the surface of living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
17	Coagulation factor XIIIa cross-links amyloid β into dimers and oligomers and to blood proteins. <i>Journal of Biological Chemistry</i> , 2019, 294, 390-396.	3.4	20
18	Cell-surface tethered promiscuous biotinylators enable comparative small-scale surface proteomic analysis of human extracellular vesicles and cells. <i>ELife</i> , 2022, 11, .	6.0	16

#	ARTICLE	IF	CITATIONS
19	Hypoxia Is a Dominant Remodeler of the Effector T ^A Cell Surface Proteome Relative to Activation and Regulatory T Cell Suppression. Molecular and Cellular Proteomics, 2022, 21, 100217.	3.8	5
20	Identifying and antagonizing the interactions between layilin and glycosylated collagens. Cell Chemical Biology, 2022, 29, 597-604.e7.	5.2	1