

Aaron C Petrey

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,716
citations

567281

15
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

5686
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil extracellular traps contribute to immunothrombosis in COVID-19 acute respiratory distress syndrome. <i>Blood</i> , 2020, 136, 1169-1179.	1.4	1,071
2	Platelet gene expression and function in patients with COVID-19. <i>Blood</i> , 2020, 136, 1317-1329.	1.4	741
3	Hyaluronan, a Crucial Regulator of Inflammation. <i>Frontiers in Immunology</i> , 2014, 5, 101.	4.8	365
4	Cytokine release syndrome in COVID-19: Innate immune, vascular, and platelet pathogenic factors differ in severity of disease and sex. <i>Journal of Leukocyte Biology</i> , 2021, 109, 55-66.	3.3	82
5	The extracellular matrix in IBD. <i>Current Opinion in Gastroenterology</i> , 2017, 33, 234-238.	2.3	74
6	COVID-19 generates hyaluronan fragments that directly induce endothelial barrier dysfunction. <i>JCI Insight</i> , 2021, 6, .	5.0	57
7	COVID-19 patients exhibit reduced procoagulant platelet responses. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3067-3073.	3.8	55
8	Layilin is critical for mediating hyaluronan 35 kDa-induced intestinal epithelial tight junction protein ZO-1 in vitro and in vivo. <i>Matrix Biology</i> , 2018, 66, 93-109.	3.6	41
9	Excessive activity of cathepsin K is associated with cartilage defects in a zebrafish model of mucopolidosis II. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 177-190.	2.4	36
10	Thrombin Cleavage of Inter-Î±-inhibitor Heavy Chain 1 Regulates Leukocyte Binding to an Inflammatory Hyaluronan Matrix. <i>Journal of Biological Chemistry</i> , 2016, 291, 24324-24334.	3.4	33
11	Hyaluronan in inflammatory bowel disease: Cross-linking inflammation and coagulation. <i>Matrix Biology</i> , 2019, 78-79, 314-323.	3.6	30
12	Hyaluronan and Its Receptors as Regulatory Molecules of the Endothelial Interface. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 25-34.	2.5	24
13	Multifunctional Role of 35 Kilodalton Hyaluronan in Promoting Defense of the Intestinal Epithelium. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 273-287.	2.5	22
14	Hyaluronan Depolymerization by Megakaryocyte Hyaluronidase-2 Is Required for Thrombopoiesis. <i>American Journal of Pathology</i> , 2016, 186, 2390-2403.	3.8	19
15	Cathepsin-Mediated Alterations in TGF-Î²-Related Signaling Underlie Disrupted Cartilage and Bone Maturation Associated With Impaired Lysosomal Targeting. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 535-548.	2.8	18
16	Heparanase expression and activity are increased in platelets during clinical sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1319-1330.	3.8	15
17	Platelet hyaluronidase-2 regulates the early stages of inflammatory disease in colitis. <i>Blood</i> , 2019, 134, 765-775.	1.4	14
18	Enzyme-specific differences in mannose phosphorylation between GlcNAc-1-phosphotransferase Î± ² and Î± ³ subunit deficient zebrafish support cathepsin proteases as early mediators of mucopolidosis pathology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1845-1853.	2.4	7

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19	The role of hyaluronan synthesis and degradation in the critical respiratory illness COVID-19. American Journal of Physiology - Cell Physiology, 2022, 322, C1037-C1046.	4.6	7
20	Editorial: Proteoglycans and Glycosaminoglycan Modification in Immune Regulation and Inflammation. Frontiers in Immunology, 2020, 11, 595867.	4.8	2
21	Platelet Dysregulation in the Pathobiology of COVID-19. Hamostaseologie, 2021, , .	1.9	2
22	Increased Platelet S100A8/S100A9 Associated with Vasculitis in Granulomatosis with Polyangiitis (GPA). Blood, 2021, 138, 3142-3142.	1.4	1
23	The mTOR Pathway in Platelets Contributes to the Pathophysiology of Experimental Cerebral Malaria. Blood, 2021, 138, 580-580.	1.4	0