

Hyung Chun

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

7,482
citations

101543

36
h-index

98798

67
g-index

79
all docs

79
docs citations

79
times ranked

11979
citing authors

#	ARTICLE	IF	CITATIONS
1	Endotheliopathy in COVID-19-associated coagulopathy: evidence from a single-centre, cross-sectional study. <i>Lancet Haematology</i> , 2020, 7, e575-e582.	4.6	848
2	A Domain in TNF Receptors That Mediates Ligand-Independent Receptor Assembly and Signaling. <i>Science</i> , 2000, 288, 2351-2354.	12.6	769
3	Pleiotropic defects in lymphocyte activation caused by caspase-8 mutations lead to human immunodeficiency. <i>Nature</i> , 2002, 419, 395-399.	27.8	648
4	The multifaceted role of Fas signaling in immune cell homeostasis and autoimmunity. <i>Nature Immunology</i> , 2000, 1, 469-474.	14.5	394
5	Caspase-10 is an initiator caspase in death receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13884-13888.	7.1	343
6	An endothelial apelin-FGF link mediated by miR-424 and miR-503 is disrupted in pulmonary arterial hypertension. <i>Nature Medicine</i> , 2013, 19, 74-82.	30.7	321
7	Thrombocytopathy and endotheliopathy: crucial contributors to COVID-19 thromboinflammation. <i>Nature Reviews Cardiology</i> , 2021, 18, 194-209.	13.7	304
8	Apelin signaling antagonizes Ang II effects in mouse models of atherosclerosis. <i>Journal of Clinical Investigation</i> , 2008, 118, 3343-54.	8.2	253
9	MicroRNA-26a is a novel regulator of vascular smooth muscle cell function. <i>Journal of Cellular Physiology</i> , 2011, 226, 1035-1043.	4.1	248
10	A neutrophil activation signature predicts critical illness and mortality in COVID-19. <i>Blood Advances</i> , 2021, 5, 1164-1177.	5.2	241
11	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021, 27, 1178-1186.	30.7	183
12	Imaging Survival and Function of Transplanted Cardiac Resident Stem Cells. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1229-1240.	2.8	170
13	Endogenous regulation of cardiovascular function by apelin-APJ. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1904-H1913.	3.2	169
14	Increased complement activation is a distinctive feature of severe SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, .	11.9	153
15	Disruption of the Apelin-APJ System Worsens Hypoxia-Induced Pulmonary Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 814-820.	2.4	148
16	NF-AT-Driven Interleukin-4 Transcription Potentiated by NIP45. <i>Science</i> , 1996, 274, 1903-1905.	12.6	134
17	Apelin-APJ Signaling Is a Critical Regulator of Endothelial MEF2 Activation in Cardiovascular Development. <i>Circulation Research</i> , 2013, 113, 22-31.	4.5	133
18	Intermediate-dose anticoagulation, aspirin, and in-hospital mortality in COVID-19: A propensity score-matched analysis. <i>American Journal of Hematology</i> , 2021, 96, 471-479.	4.1	129

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19	In vivo genetic profiling and cellular localization of apelin reveals a hypoxia-sensitive, endothelial-centered pathway activated in ischemic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H88-H98.	3.2	128
20	Hospitalisation among vaccine breakthrough COVID-19 infections. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1485-1486.	9.1	125
21	Restoration of Impaired Endothelial Myocyte Enhancer Factor 2 Function Rescues Pulmonary Arterial Hypertension. <i>Circulation</i> , 2015, 131, 190-199.	1.6	104
22	Circulating markers of angiogenesis and endotheliopathy in COVID-19. <i>Pulmonary Circulation</i> , 2020, 10, 1-4.	1.7	103
23	HIF-1 regulates hypoxia- and insulin-induced expression of apelin in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1590-E1596.	3.5	93
24	Rac2 Modulates Atherosclerotic Calcification by Regulating Macrophage Interleukin-1 β Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 328-340.	2.4	91
25	Translational Advances in the Field of Pulmonary Hypertension. It Will Take More Than ∞ Words. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 167-178.	5.6	70
26	The emerging role of Janus kinase inhibitors in the treatment of autoimmune and inflammatory diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 814-826.	2.9	70
27	Liver injury in COVID-19 and IL-6 trans-signaling-induced endotheliopathy. <i>Journal of Hepatology</i> , 2021, 75, 647-658.	3.7	67
28	Endothelial APLNR regulates tissue fatty acid uptake and is essential for apelin's glucose-lowering effects. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	61
29	Integration of genomics, proteomics, and imaging for cardiac stem cell therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 20-26.	6.4	60
30	Enhancing Insights into Pulmonary Vascular Disease through a Precision Medicine Approach. A Joint NHLBI's Cardiovascular Medical Research and Education Fund Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1661-1670.	5.6	59
31	Endothelium as a gatekeeper of fatty acid transport. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 99-106.	7.1	50
32	Immunofibrotic drivers of impaired lung function in postacute sequelae of SARS-CoV-2 infection. <i>JCI Insight</i> , 2021, 6, .	5.0	49
33	The apelinergic system: a perspective on challenges and opportunities in cardiovascular and metabolic disorders. <i>Annals of the New York Academy of Sciences</i> , 2019, 1455, 12-33.	3.8	46
34	Severe breakthrough COVID-19 cases in the SARS-CoV-2 delta (B.1.617.2) variant era. <i>Lancet Microbe</i> , The, 2022, 3, e4-e5.	7.3	45
35	A PPAR β -dependent miR-424/503-CD40 axis regulates inflammation mediated angiogenesis. <i>Scientific Reports</i> , 2017, 7, 2528.	3.3	44
36	Opposing cardiovascular roles for the angiotensin and apelin signaling pathways. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 778-781.	1.9	42

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37	Essential Role of Apelin Signaling During Lymphatic Development in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 338-345.	2.4	40
38	MicroRNA 139-5p coordinates APLNR-CXCR4 crosstalk during vascular maturation. <i>Nature Communications</i> , 2016, 7, 11268.	12.8	37
39	Modulation of Endothelial Bone Morphogenetic Protein Receptor Type 2 Activity by Vascular Endothelial Growth Factor Receptor 3 in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2017, 135, 2288-2298.	1.6	36
40	Upregulation of the apelin-APJ pathway promotes neointima formation in the carotid ligation model in mouse. <i>Cardiovascular Research</i> , 2010, 87, 156-165.	3.8	34
41	miR-182 Modulates Myocardial Hypertrophic Response Induced by Angiogenesis in Heart. <i>Scientific Reports</i> , 2016, 6, 21228.	3.3	34
42	Macrophage IL-1 β promotes arteriogenesis by autocrine STAT3- and NF- κ B-mediated transcription of pro-angiogenic VEGF-A. <i>Cell Reports</i> , 2022, 38, 110309.	6.4	33
43	Ischemic Stroke, Inflammation, and Endotheliopathy in COVID-19 Patients. <i>Stroke</i> , 2021, 52, e233-e238.	2.0	31
44	Mechanisms of Dysfunction in Senescent Pulmonary Endothelium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 236-241.	3.6	30
45	Severe obstructive sleep apnea increases mortality in patients with ischemic heart disease and myocardial injury. <i>Sleep and Breathing</i> , 2013, 17, 85-91.	1.7	29
46	Evaluation of the in vitro and in vivo angiogenic effects of exendin-4. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 150-154.	2.1	29
47	Apelin/APJ Signaling Is a Critical Regulator of Statin Effects in Vascular Endothelial Cells—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2640-2643.	2.4	23
48	Aortic valve calcification predicts all-cause mortality independent of coronary calcification and severe stenosis. <i>Atherosclerosis</i> , 2020, 307, 16-20.	0.8	18
49	MEF2 and the Right Ventricle: From Development to Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 29.	2.4	17
50	Autoimmune Lymphoproliferative Syndrome: Types I, II and Beyond. <i>Advances in Experimental Medicine and Biology</i> , 2001, 490, 49-57.	1.6	16
51	Therapeutic Engagement of the Histone Deacetylase IIAX Myocyte Enhancer Factor 2 Axis Improves Experimental Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1345-1348.	5.6	14
52	Intracellular and extracellular targets of molecular imaging in the myocardium. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, S33-S41.	3.3	8
53	Association of obesity with venous thromboembolism and myocardial injury in COVID-19. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 512-514.	1.8	7
54	Challenges in interpreting cytokine data in COVID-19 affect patient care and management. <i>PLoS Biology</i> , 2021, 19, e3001373.	5.6	7

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55	Chronic Thromboembolic Pulmonary Hypertension: the Bedside. <i>Current Cardiology Reports</i> , 2021, 23, 147.	2.9	6
56	Elafin in Pulmonary Arterial Hypertension. Beyond Targeting Elastases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1217-1219.	5.6	5
57	Relative predictive value of lung cancer screening CT versus myocardial perfusion attenuation correction CT in the evaluation of coronary calcium. <i>PLoS ONE</i> , 2017, 12, e0175678.	2.5	5
58	Chronic Thromboembolic Pulmonary Hypertension: the Bench. <i>Current Cardiology Reports</i> , 2021, 23, 141.	2.9	4
59	Association of renalase with clinical outcomes in hospitalized patients with COVID-19. <i>PLoS ONE</i> , 2022, 17, e0264178.	2.5	4
60	Interleukin-1- Receptor Kinase 4 Inhibition: Achieving Immunomodulatory Synergy to Mitigate the Impact of COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 693085.	4.8	3
61	Admission Rothman Index, Aspirin, and Intermediate Dose Anticoagulation Effects on Outcomes in COVID-19: A Multi-Site Propensity Matched Analysis. <i>Blood</i> , 2020, 136, 23-24.	1.4	3
62	A Tale of Two Elabela Null Mice. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 759-760.	7.1	2
63	Refining drug-eluting stent technologies: from engineering to basic science. <i>European Heart Journal</i> , 2021, 42, 1770-1772.	2.2	2
64	VWF/ADAMTS13 Ratios Are Potential Markers of Immunothrombotic Complications in Patients with COVID-19: A Cross-Sectional Study. <i>Blood</i> , 2020, 136, 34-35.	1.4	2
65	Pacemaker alternans terminated by telemetry wand: What is the mechanism?. <i>Heart Rhythm</i> , 2008, 5, 1080-1082.	0.7	1
66	Letter by Papangeli et al Regarding Article, "The ERG" APLNR Axis Controls Pulmonary Venule Endothelial Proliferation in Pulmonary Veno-Occlusive Disease". <i>Circulation</i> , 2015, 132, e16.	1.6	1
67	FGF Signaling in Pulmonary Hypertension. , 2017, , 153-168.		0
68	Reply: Transforming Growth Factor $\beta 1$ and Bone Morphogenetic Protein 2/PPAR β regulated MicroRNAs in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1228-1229.	5.6	0
69	Collateral Damage. <i>JACC: Case Reports</i> , 2021, 3, 20-25.	0.6	0
70	Proteomic Profiles in Patients with Thrombosis Due to COVID-19 Are Distinct from Non-COVID-19 Thrombosis. <i>Blood</i> , 2021, 138, 777-777.	1.4	0
71	Noninvasive graft flow and patency assessment following minimally invasive direct coronary artery bypass (MIDCAB) grafting. <i>Heart Surgery Forum</i> , 1999, 2, 230-4.	0.5	0