

# Francis J Alenghat

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

3,540  
citations

586496

16  
h-index

466096

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4497  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>RIPK1</i> Expression Associates With Inflammation in Early Atherosclerosis in Humans and Can Be Therapeutically Silenced to Reduce NF- $\kappa$ B Activation and Atherogenesis in Mice. <i>Circulation</i> , 2021, 143, 163-177.	1.6	102
2	Donor-derived cell-free DNA is associated with cardiac allograft vasculopathy. <i>Clinical Transplantation</i> , 2021, 35, e14206.	0.8	14
3	Aortic pulsatility index predicts clinical outcomes in heart failure: a sub-analysis of the ESCAPE trial. <i>ESC Heart Failure</i> , 2021, 8, 1522-1530.	1.4	12
4	Comparison of semi-automated versus manual quantitative right ventricular assessment in tetralogy of Fallot. <i>Cardiology in the Young</i> , 2021, 31, 1781-1787.	0.4	1
5	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. <i>Mayo Clinic Proceedings</i> , 2021, 96, 2081-2094.	1.4	15
6	A composite metric for predicting benefit from spironolactone in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 3495-3503.	1.4	3
7	ATTR Cardiomyopathy Meets Multiple Myeloma. <i>JACC: CardioOncology</i> , 2021, 3, 598-601.	1.7	2
8	The impact of lipid-lowering medications on coronary artery plaque characteristics. <i>American Journal of Preventive Cardiology</i> , 2021, 8, 100294.	1.3	7
9	High sensitivity Troponin-T for prediction of adverse events in patients with COVID-19. <i>Biomarkers</i> , 2020, 25, 626-633.	0.9	21
10	Catheter Ablation for Atrial Fibrillation in 2019. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 686.	3.8	9
11	Monocyte and macrophage subtypes as paired cell biomarkers for coronary artery disease. <i>Experimental Physiology</i> , 2019, 104, 1343-1352.	0.9	15
12	The SPRINT Trial Score web calculator. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 2016-2016.	0.8	0
13	What is the Role of Angiogenesis Markers in Cardiac Allograft Vasculopathy Following Heart Transplantation?. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, S282-S283.	0.3	0
14	Association of Atherosclerosis Prevalence With Age, Race, and Traditional Risk Factors in Patients With Psoriasis. <i>JAMA Dermatology</i> , 2019, 155, 622.	2.0	7
15	A data-zone scoring system to assess the generalizability of clinical trial results to individual patients. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 569-575.	0.8	9
16	Management of Blood Cholesterol. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 800.	3.8	35
17	Circulating Monocyte Subtypes Correlate with Cardiac Allograft Vasculopathy and Differ from Atherosclerotic Disease: A Tool for Monitoring?. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, S174-S175.	0.3	1
18	Abstract 001: Skap2 Regulates Atherosclerosis through Macrophage Polarization and Efferocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	1

#	ARTICLE	IF	CITATIONS
19	Protein Mimetic and Anticancer Properties of Monocyte-Targeting Peptide Amphiphile Micelles. ACS Biomaterials Science and Engineering, 2017, 3, 3273-3282.	2.6	24
20	4140A map of SPRINT's data free zone. European Heart Journal, 2017, 38, .	1.0	0
21	The Prevalence of Atherosclerosis in Those with Inflammatory Connective Tissue Disease by Race, Age and Traditional Risk Factors. Scientific Reports, 2016, 6, 20303.	1.6	38
22	Cardiovascular Disease: Monocyte-Targeting Supramolecular Micellar Assemblies: A Molecular Diagnostic Tool for Atherosclerosis (Adv. Healthcare Mater. 3/2015). Advanced Healthcare Materials, 2015, 4, 324-324.	3.9	0
23	Monocyte-Targeting Supramolecular Micellar Assemblies: A Molecular Diagnostic Tool for Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 367-376.	3.9	46
24	Membrane Protein Dynamics and Functional Implications in Mammalian Cells. Current Topics in Membranes, 2013, 72, 89-120.	0.5	53
25	Giant left ventricular aneurysm as a late complication of inferior myocardial infarction. European Heart Journal, 2013, 34, 344-344.	1.0	4
26	Macrophages require Skap2 and Sirp1± for integrin-stimulated cytoskeletal rearrangement. Journal of Cell Science, 2012, 125, 5535-45.	1.2	45
27	Mechanical control of cAMP signaling through integrins is mediated by the heterotrimeric G1±s protein. Journal of Cellular Biochemistry, 2009, 106, 529-538.	1.2	49
28	Loss of Polycystin-1 in Human Cyst-Lining Epithelia Leads to Ciliary Dysfunction. Journal of the American Society of Nephrology: JASN, 2006, 17, 1015-1025.	3.0	169
29	Cyst-Lining epithelial cells from ADPKD kidneys have a mechano-æciliary dysfunction. FASEB Journal, 2006, 20, A339.	0.2	0
30	Magnetic Cellular Switches. IEEE Transactions on Magnetics, 2004, 40, 2958-2960.	1.2	5
31	Mechanical properties of individual focal adhesions probed with a magnetic microneedle. Biochemical and Biophysical Research Communications, 2004, 313, 758-764.	1.0	128
32	Global cytoskeletal control of mechanotransduction in kidney epithelial cells. Experimental Cell Research, 2004, 301, 23-30.	1.2	110
33	Polycystins 1 and 2 mediate mechanosensation in the primary cilium of kidney cells. Nature Genetics, 2003, 33, 129-137.	9.4	1,822
34	Mechanotransduction: All Signals Point to Cytoskeleton, Matrix, and Integrins. Science Signaling, 2002, 2002, pe6-pe6.	1.6	348
35	Mechanical control of cyclic AMP signalling and gene transcription through integrins. Nature Cell Biology, 2000, 2, 666-668.	4.6	238
36	Analysis of Cell Mechanics in Single Vinculin-Deficient Cells Using a Magnetic Tweezer. Biochemical and Biophysical Research Communications, 2000, 277, 93-99.	1.0	194