

# Vincent F Segers

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

4,462  
citations

218677

26  
h-index

233421

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

6507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelialitis plays a central role in the pathophysiology of severe COVID-19 and its cardiovascular complications. <i>Acta Cardiologica</i> , 2021, 76, 109-124.	0.9	42
2	Autocrine Signaling in Cardiac Remodeling: A Rich Source of Therapeutic Targets. <i>Journal of the American Heart Association</i> , 2021, 10, e019169.	3.7	28
3	Neuregulin-1 compensates for endothelial nitric oxide synthase deficiency. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2416-H2428.	3.2	8
4	ERBB4 and Multiple MicroRNAs That Target ERBB4 Participate in Pregnancy-Related Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021, 14, e006898.	3.9	12
5	Coronaryâ€subclavian steal syndrome, an easily overlooked entity in interventional cardiology. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 614-619.	1.7	5
6	The role of endothelial miRNAs in myocardial biology and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 75-87.	1.9	20
7	Unlike HbA1c level and the amount of visceral adipose tissue, the presence and severity of NAFLD do not predict the occurrence of major adverse cardiovascular events in an obese Belgian population. <i>Journal of Hepatology</i> , 2020, 73, S158-S159.	3.7	0
8	The role of ErbB4 in cancer. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 335-352.	4.4	66
9	INSPIRE: A European training network to foster research and training in cardiovascular safety pharmacology. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 105, 106889.	0.7	4
10	The role of endothelial autocrine NRG1/ERBB4 signaling in cardiac remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H443-H455.	3.2	23
11	Mechanisms of the Multitasking Endothelial Protein NRG-1 as a Compensatory Factor During Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2019, 12, e006288.	3.9	44
12	Combined obesity and psychosocial stress is a worldwide health problem and a paracrine disorder. <i>EBioMedicine</i> , 2019, 48, 13-15.	6.1	3
13	Heart Failure With Preserved Ejection Fraction: A Review of Cardiac and Noncardiac Pathophysiology. <i>Frontiers in Physiology</i> , 2019, 10, 638.	2.8	87
14	Cardiac endothelial cell transcriptome in neonatal, adult, and remodeling hearts. <i>Physiological Genomics</i> , 2019, 51, 186-196.	2.3	9
15	The continuous heart failure spectrum: moving beyond an ejection fraction classification. <i>European Heart Journal</i> , 2019, 40, 2155-2163.	2.2	195
16	Epigenetic regulation of intercellular communication in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1417-H1425.	3.2	9
17	Evidence and Indications for Percutaneous Closure of the Left Atrial Appendage. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2018, 71, 700-702.	0.6	3
18	Comparison of radial access versus femoral access with the use of a vascular closure device for the prevention of vascular complications and mortality after percutaneous coronary intervention. <i>Acta Cardiologica</i> , 2018, 73, 241-247.	0.9	4

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19	Neuregulin-1 attenuates stress-induced vascular senescence. <i>Cardiovascular Research</i> , 2018, 114, 1041-1051.	3.8	32
20	Evidencia e indicaciones del cierre percutáneo de la orejuela izquierda. <i>Revista Espanola De Cardiologia</i> , 2018, 71, 700-702.	1.2	3
21	Cardiac Remodeling: Endothelial Cells Have More to Say Than Just NO. <i>Frontiers in Physiology</i> , 2018, 9, 382.	2.8	121
22	Short-Term Angiotensin II Treatment Affects Large Artery Biomechanics and Function in the Absence of Small Artery Alterations in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 582.	2.8	16
23	Cellular senescence links aging and diabetes in cardiovascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H448-H462.	3.2	71
24	The future of pleiotropic therapy in heart failure. Lessons from the benefits of exercise training on endothelial function. <i>European Journal of Heart Failure</i> , 2017, 19, 603-614.	7.1	27
25	Inhibitory actions of the NRG-1/ErbB4 pathway in macrophages during tissue fibrosis in the heart, skin, and lung. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H934-H945.	3.2	63
26	Neuregulin-1 attenuates development of nephropathy in a type 1 diabetes mouse model with high cardiovascular risk. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E495-E504.	3.5	32
27	ErbB2 signaling at the crossing between heart failure and cancer. <i>Basic Research in Cardiology</i> , 2016, 111, 60.	5.9	68
28	Cardiac endothelium-myocyte interaction: clinical opportunities for new heart failure therapies regardless of ejection fraction. <i>European Heart Journal</i> , 2015, 36, 2050-2060.	2.2	126
29	Pathophysiology of diastolic dysfunction in chronic heart failure. <i>Future Cardiology</i> , 2013, 9, 711-720.	1.2	7
30	Pathophysiology of Heart Failure: Back to Basics. , 2013, , 3-23.		1
31	Pulmonary hypertension and right heart failure in heart failure with preserved left ventricular ejection fraction. <i>Current Opinion in Cardiology</i> , 2012, 27, 273-280.	1.8	36
32	Biomaterials to Enhance Stem Cell Function in the Heart. <i>Circulation Research</i> , 2011, 109, 910-922.	4.5	161
33	Protease-Resistant Stromal Cell-Derived Factor-1 for the Treatment of Experimental Peripheral Artery Disease. <i>Circulation</i> , 2011, 123, 1306-1315.	1.6	53
34	Stromal Cell-Derived Factor-1 Retention and Cardioprotection for Ischemic Myocardium. <i>Circulation: Heart Failure</i> , 2011, 4, 509-518.	3.9	69
35	Protein Therapeutics for Cardiac Regeneration after Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 469-477.	2.4	108
36	Cardiac Progenitor Cells and Biotinylated Insulin-Like Growth Factor-1 Nanofibers Improve Endogenous and Exogenous Myocardial Regeneration After Infarction. <i>Circulation</i> , 2009, 120, 876-887.	1.6	209

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37	Self-assembling peptide nanofibers and skeletal myoblast transplantation in infarcted myocardium. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 87B, 222-228.	3.4	57
38	Stem-cell therapy for cardiac disease. <i>Nature</i> , 2008, 451, 937-942.	27.8	1,085
39	Engineering insulin-like growth factor-1 for local delivery. <i>FASEB Journal</i> , 2008, 22, 1886-1893.	0.5	36
40	Local Delivery of Protease-Resistant Stromal Cell Derived Factor-1 for Stem Cell Recruitment After Myocardial Infarction. <i>Circulation</i> , 2007, 116, 1683-1692.	1.6	344
41	Endogenous inhibitors of hypertrophy in concentric versus eccentric hypertrophy. <i>European Journal of Heart Failure</i> , 2007, 9, 352-356.	7.1	13
42	Evidence from a genetic fate-mapping study that stem cells refresh adult mammalian cardiomyocytes after injury. <i>Nature Medicine</i> , 2007, 13, 970-974.	30.7	720
43	Local delivery of proteins and the use of self-assembling peptides. <i>Drug Discovery Today</i> , 2007, 12, 561-568.	6.4	94
44	Mesenchymal stem cell adhesion to cardiac microvascular endothelium: activators and mechanisms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1370-H1377.	3.2	183
45	Role of Neuregulin-1/ErbB2 Signaling in Endothelium-Cardiomyocyte Cross-talk. <i>Journal of Biological Chemistry</i> , 2006, 281, 19469-19477.	3.4	154
46	Inhibition of heme oxygenase-1 impairs cardiac muscle sensitivity to beta-adrenergic stimulation. <i>Basic Research in Cardiology</i> , 2005, 100, 224-230.	5.9	4
47	Letter Regarding Article by Okoshi et al, "Neuregulins Regulate Cardiac Parasympathetic Activity: Muscarinic Modulation of $\beta$ -Adrenergic Activity in Myocytes From Mice With Neuregulin-1 Gene Deletion" <i>Circulation</i> , 2005, 111, e175; author reply e175.	1.6	7