

# Stuart A Nicklin

## List of Publications by Citations

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55  
papers

3,732  
citations

28  
h-index

60  
g-index

60  
ext. papers

4,354  
ext. citations

8.1  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
55	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1666-1687	9.9	714
54	Adenovirus serotype 5 hexon mediates liver gene transfer. <i>Cell</i> , <b>2008</b> , 132, 397-409	56.2	495
53	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001177	6	255
52	Multiple vitamin K-dependent coagulation zymogens promote adenovirus-mediated gene delivery to hepatocytes. <i>Blood</i> , <b>2006</b> , 108, 2554-61	2.2	223
51	Combined transductional and transcriptional targeting improves the specificity of transgene expression in vivo. <i>Nature Biotechnology</i> , <b>2001</b> , 19, 838-42	44.5	204
50	Identification of coagulation factor (F)X binding sites on the adenovirus serotype 5 hexon: effect of mutagenesis on FX interactions and gene transfer. <i>Blood</i> , <b>2009</b> , 114, 965-71	2.2	142
49	Selective targeting of gene transfer to vascular endothelial cells by use of peptides isolated by phage display. <i>Circulation</i> , <b>2000</b> , 102, 231-7	16.7	139
48	The influence of adenovirus fiber structure and function on vector development for gene therapy. <i>Molecular Therapy</i> , <b>2005</b> , 12, 384-93	11.7	138
47	Ablating adenovirus type 5 fiber-CAR binding and HI loop insertion of the SIGYPLP peptide generate an endothelial cell-selective adenovirus. <i>Molecular Therapy</i> , <b>2001</b> , 4, 534-42	11.7	121
46	Angiotensin-(1-7) and angiotensin-(1-9): function in cardiac and vascular remodelling. <i>Clinical Science</i> , <b>2014</b> , 126, 815-27	6.5	89
45	Biodistribution and retargeting of FX-binding ablated adenovirus serotype 5 vectors. <i>Blood</i> , <b>2010</b> , 116, 2656-64	2.2	88
44	Angiotensin-(1-9) attenuates cardiac fibrosis in the stroke-prone spontaneously hypertensive rat via the angiotensin type 2 receptor. <i>Hypertension</i> , <b>2012</b> , 59, 300-7	8.5	77
43	Cardiac Hypertrophy Is Inhibited by a Local Pool of cAMP Regulated by Phosphodiesterase 2. <i>Circulation Research</i> , <b>2015</b> , 117, 707-19	15.7	75
42	Angiotensin1-9 antagonises pro-hypertrophic signalling in cardiomyocytes via the angiotensin type 2 receptor. <i>Journal of Physiology</i> , <b>2011</b> , 589, 939-51	3.9	69
41	Targeting of adenovirus serotype 5 (Ad5) and 5/47 pseudotyped vectors in vivo: fundamental involvement of coagulation factors and redundancy of CAR binding by Ad5. <i>Journal of Virology</i> , <b>2007</b> , 81, 9568-71	6.6	66
40	Requirements for receptor engagement during infection by adenovirus complexed with blood coagulation factor X. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001142	7.6	61
39	Effect of neutralizing sera on factor x-mediated adenovirus serotype 5 gene transfer. <i>Journal of Virology</i> , <b>2009</b> , 83, 479-83	6.6	56

38	Adenoviral serotype 5 vectors pseudotyped with fibers from subgroup D show modified tropism in vitro and in vivo. <i>Human Gene Therapy</i> , <b>2004</b> , 15, 1054-64	4.8	48
37	G protein-coupled receptor 35: an emerging target in inflammatory and cardiovascular disease. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 41	5.6	47
36	Adenoviral delivery of angiotensin-(1-7) or angiotensin-(1-9) inhibits cardiomyocyte hypertrophy via the mas or angiotensin type 2 receptor. <i>PLoS ONE</i> , <b>2012</b> , 7, e45564	3.7	46
35	In vitro and in vivo characterisation of endothelial cell selective adenoviral vectors. <i>Journal of Gene Medicine</i> , <b>2004</b> , 6, 300-8	3.5	44
34	Runx1 Deficiency Protects Against Adverse Cardiac Remodeling After Myocardial Infarction. <i>Circulation</i> , <b>2018</b> , 137, 57-70	16.7	38
33	The antiallergic mast cell stabilizers lodoxamide and bufrolin as the first high and equipotent agonists of human and rat GPR35. <i>Molecular Pharmacology</i> , <b>2014</b> , 85, 91-104	4.3	37
32	Onset of experimental severe cardiac fibrosis is mediated by overexpression of Angiotensin-converting enzyme 2. <i>Hypertension</i> , <b>2009</b> , 53, 694-700	8.5	36
31	Manipulating adenovirus hexon hypervariable loops dictates immune neutralisation and coagulation factor X-dependent cell interaction in vitro and in vivo. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004673 <sup>7.6</sup>	7.6	35
30	Influence of coagulation factor x on in vitro and in vivo gene delivery by adenovirus (Ad) 5, Ad35, and chimeric Ad5/Ad35 vectors. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1683-91	11.7	35
29	Antagonists of GPR35 display high species ortholog selectivity and varying modes of action. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 343, 683-95	4.7	32
28	Transductional and transcriptional targeting of cancer cells using genetically engineered viral vectors. <i>Cancer Letters</i> , <b>2003</b> , 201, 165-73	9.9	28
27	Interactions of adenovirus vectors with blood: implications for intravascular gene therapy applications. <i>Current Opinion in Molecular Therapeutics</i> , <b>2008</b> , 10, 439-48		25
26	Simple methods for preparing recombinant adenoviruses for high-efficiency transduction of vascular cells. <i>Methods in Molecular Medicine</i> , <b>1999</b> , 30, 271-83		24
25	Gene Therapy With Angiotensin-(1-9) Preserves Left Ventricular Systolic Function After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2652-2666	15.1	24
24	Systems biology identifies cytosolic PLA2 as a target in vascular calcification treatment. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	21
23	Efficient transduction of primary vascular cells by the rare adenovirus serotype 49 vector. <i>Human Gene Therapy</i> , <b>2015</b> , 26, 312-9	4.8	20
22	Electrical consequences of cardiac myocyte: fibroblast coupling. <i>Biochemical Society Transactions</i> , <b>2015</b> , 43, 513-8	5.1	20
21	The importance of coagulation factors binding to adenovirus: historical perspectives and implications for gene delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 1795-813	8	17

20	RUNX1: an emerging therapeutic target for cardiovascular disease. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1410-1423	9.9	15
19	G-Protein-Coupled Receptor 35 Mediates Human Saphenous Vein Vascular Smooth Muscle Cell Migration and Endothelial Cell Proliferation. <i>Journal of Vascular Research</i> , <b>2015</b> , 52, 383-95	1.9	15
18	The relevance of coagulation factor X protection of adenoviruses in human sera. <i>Gene Therapy</i> , <b>2016</b> , 23, 592-6	4	14
17	The Orphan Receptor GPR35 Contributes to Angiotensin II-Induced Hypertension and Cardiac Dysfunction in Mice. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 1049-1058	2.3	11
16	Extracellular vesicle signalling in atherosclerosis. <i>Cellular Signalling</i> , <b>2020</b> , 75, 109751	4.9	11
15	Defining a Novel Role for the Coxsackievirus and Adenovirus Receptor in Human Adenovirus Serotype 5 Transduction in the Presence of Mouse Serum. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	10
14	Assessing the effects of Ang-(1-7) therapy following transient middle cerebral artery occlusion. <i>Scientific Reports</i> , <b>2019</b> , 9, 3154	4.9	10
13	Utilizing proteomics to understand and define hypertension: where are we and where do we go?. <i>Expert Review of Proteomics</i> , <b>2018</b> , 15, 581-592	4.2	8
12	Retargeting FX-binding-ablated HAdV-5 to vascular cells by inclusion of the RGD-4C peptide in hexon hypervariable region 7 and the HI loop. <i>Journal of General Virology</i> , <b>2016</b> , 97, 1911-1916	4.9	6
11	Human Adenovirus Serotype 5 Is Sensitive to IgM-Independent Neutralization In Vitro and In Vivo. <i>Viruses</i> , <b>2019</b> , 11,	6.2	5
10	Regulation of connexin 43 by interleukin 1 $\beta$ in adult rat cardiac fibroblasts and effects in an adult rat cardiac myocyte: fibroblast co-culture model. <i>Heliyon</i> , <b>2020</b> , 6, e03031	3.6	5
9	The counter regulatory axis of the renin angiotensin system in the brain and ischaemic stroke: Insight from preclinical stroke studies and therapeutic potential. <i>Cellular Signalling</i> , <b>2020</b> , 76, 109809	4.9	5
8	The role of extracellular vesicles in neointima formation post vascular injury. <i>Cellular Signalling</i> , <b>2020</b> , 76, 109783	4.9	3
7	In Vitro and In Vivo Evaluation of Human Adenovirus Type 49 as a Vector for Therapeutic Applications. <i>Viruses</i> , <b>2021</b> , 13,	6.2	3
6	Agonist-induced phosphorylation of orthologues of the orphan receptor GPR35 functions as an activation sensor.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101655	5.4	2
5	Development of targeted viral vectors for cardiovascular gene therapy. <i>Genetic Engineering</i> , <b>2003</b> , 25, 15-49		2
4	Signalling pathways linking cysteine cathepsins to adverse cardiac remodelling. <i>Cellular Signalling</i> , <b>2020</b> , 76, 109770	4.9	1
3	Preclinical models of myocardial infarction: from mechanism to translation. <i>British Journal of Pharmacology</i> , <b>2021</b> ,	8.6	1

2 Adenoviral vectors for cardiovascular gene therapy applications: a clinical and industry perspective. *Journal of Molecular Medicine*, **2022**, 100, 875-901 5.5 1

1 Adenoviral Vectors **2010**, 21-36