

Victor J Dzau

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

8,233
citations

32
h-index

90
g-index

134
ext. papers

9,287
ext. citations

17.3
avg, IF

6.04
L-index

#	Paper	IF	Citations
98	The Imperative for Diversity and Inclusion in Clinical Trials and Health Research Participation.. <i>JAMA - Journal of the American Medical Association</i> , 2022 ,	27.4	4
97	Production of Cardiomyocytes by microRNA-Mediated Reprogramming in Optimized Reprogramming Media. <i>Methods in Molecular Biology</i> , 2021 , 2239, 47-59	1.4	2
96	Basic and Translational Research in Cardiac Repair and Regeneration: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2092-2105	15.1	3
95	Revisiting academic health sciences systems a decade later: discovery to health to population to society. <i>Lancet, The</i> , 2021 ,	4.0	6
94	Urgent lessons from COVID 19: why the world needs a standing, coordinated system and sustainable financing for global research and development. <i>Lancet, The</i> , 2021 , 397, 1229-1236	4.0	19
93	CRISPR/Cas9 Mediated Deletion of the Angiotensinogen Gene Reduces Hypertension: A Potential for Cure?. <i>Hypertension</i> , 2021 , 77, 1990-2000	8.5	4
92	Coordination Needed to Address Clinician Well-being and the Opioid Epidemic. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 2341-2342	27.4	
91	Should global financing be the main priority for pandemic preparedness? - Authors Reply. <i>Lancet, The</i> , 2021 , 398, 388-389	4.0	
90	Enhancing cardiac reprogramming via synthetic RNA oligonucleotides. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 23, 55-62	10.7	4
89	Vital Directions For Health And Health Care: Priorities For 2021. <i>Health Affairs</i> , 2021 , 40, 197-203	7	4
88	A role for Sfrp2 in cardiomyogenesis in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
87	An Equity Agenda for the Field of Health Care Quality Improvement.. <i>NAM Perspectives</i> , 2021 , 2021,	2.8	2
86	Strategy, coordinated implementation, and sustainable financing needed for COVID-19 innovations. <i>Lancet, The</i> , 2020 , 396, 1469-1471	4.0	8
85	Clinician Burnout and Professional Well-being-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1318	27.4	
84	Abstract 15555: Potential Cure for Hypertension? The Effect of Crispr Genome Editing. <i>Circulation</i> , 2020 , 142,	16.7	2
83	Vital Directions for Health & Health Care: The North Carolina Experience. <i>North Carolina Medical Journal</i> , 2020 , 81, 167-172	0.6	2
82	Sox6 as a new modulator of renin expression in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F285-F297	4.3	6

81	Optimizing delivery for efficient cardiac reprogramming. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 9-16	3.4	4
80	Sequential paracrine mechanisms are necessary for the therapeutic benefits of stem cell therapy. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 319, C1141-C1150	5.4	12
79	Time for NIH to lead on data sharing. <i>Science</i> , 2020 , 367, 1308-1309	33.3	18
78	Medication-Based Treatment to Address Opioid Use Disorder. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2071-2072	27.4	23
77	Future of Hypertension. <i>Hypertension</i> , 2019 , 74, 450-457	8.5	47
76	Clarification of Reporting of Potential Conflicts of Interest in JAMA Articles. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 696	27.4	1
75	Improving the System to Support Clinician Well-being and Provide Better Patient Care. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 2165-2166	27.4	18
74	Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. <i>PLoS ONE</i> , 2019 , 14, e0223842	3.7	10
73	What Can Patient Safety Teach Us About Clinician Burnout?. <i>Annals of Internal Medicine</i> , 2019 , 171, 933-934	33.4	1
72	Understanding the mechanism of bias signaling of the insulin-like growth factor 1 receptor: Effects of LL37 and HASF. <i>Cellular Signalling</i> , 2018 , 46, 113-119	4.9	6
71	Cardiomyocyte Maturation Requires TLR3 Activated Nuclear Factor Kappa B. <i>Stem Cells</i> , 2018 , 36, 1198-1209	32.9	17
70	Reimagining population health as convergence science. <i>Lancet, The</i> , 2018 , 392, 367-368	40	3
69	Supporting the Next Generation of Biomedical Researchers. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 29-30	27.4	3
68	Public Health Research on Gun Violence: Long Overdue. <i>Annals of Internal Medicine</i> , 2018 , 168, 876-877	8	10
67	Health and societal implications of medical and technological advances. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	9
66	Insights from molecular signature of in vivo cardiac c-Kit(+) cells following cardiac injury and Eatenin inhibition. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 123, 64-74	5.8	8
65	HASF (C3orf58) is a novel ligand of the insulin-like growth factor 1 receptor. <i>Biochemical Journal</i> , 2017 , 474, 771-780	3.8	11
64	Post-Ebola reforms: ample analysis, inadequate action. <i>BMJ, The</i> , 2017 , 356, j280	5.9	32

63	Demethylation of H3K27 Is Essential for the Induction of Direct Cardiac Reprogramming by miR Combo. <i>Circulation Research</i> , 2017 , 120, 1403-1413	15.7	58
62	Mesenchymal stem cells in obesity: insights for translational applications. <i>Laboratory Investigation</i> , 2017 , 97, 1158-1166	5.9	48
61	Vital Directions for Health and Health Care: Priorities From a National Academy of Medicine Initiative. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 1461-1470	27.4	100
60	Creating Healthy Communities after Disasters. <i>New England Journal of Medicine</i> , 2017 , 377, 1806-1808	59.2	7
59	Commentary: Vaccines-Protecting Health and Saving Lives. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2017 , 18, 147-148	18.6	
58	The Future Role of the United States in Global Health: Emphasis on Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 3140-3156	15.1	23
57	Debate on the cost of innovation in healthcare: is it too costly?. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2017 , 3, S33-S36	1.1	2
56	The Institute of Medicine: ensuring integrity and independence in scientific advice on health. <i>Lancet, The</i> , 2016 , 387, 1686-92	40	0
55	Vital Directions for Health and Health Care: An Initiative of the National Academy of Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 711-712	27.4	18
54	Selenium Augments microRNA Directed Reprogramming of Fibroblasts to Cardiomyocytes via Nanog. <i>Scientific Reports</i> , 2016 , 6, 23017	4.9	19
53	The National Academy of Medicine and the Cardiovascular Community: Partnering for a Healthier Future. <i>Circulation</i> , 2016 , 134, 183-5	16.7	2
52	Beyond the Ebola Battle--Winning the War against Future Epidemics. <i>New England Journal of Medicine</i> , 2016 , 375, 203-4	59.2	19
51	Deletion of angiotensin II type 2 receptor accelerates adipogenesis in murine mesenchymal stem cells via Wnt10b/beta-catenin signaling. <i>Laboratory Investigation</i> , 2016 , 96, 909-17	5.9	11
50	Emerging Concepts in Paracrine Mechanisms in Regenerative Cardiovascular Medicine and Biology. <i>Circulation Research</i> , 2016 , 118, 95-107	15.7	167
49	The Neglected Dimension of Global Security--A Framework for Countering Infectious-Disease Crises. <i>New England Journal of Medicine</i> , 2016 , 374, 1281-7	59.2	123
48	Nuclear hormone receptor LXR α inhibits adipocyte differentiation of mesenchymal stem cells with Wnt/beta-catenin signaling. <i>Laboratory Investigation</i> , 2016 , 96, 230-8	5.9	12
47	Toward a Common Secure Future: Four Global Commissions in the Wake of Ebola. <i>PLoS Medicine</i> , 2016 , 13, e1002042	11.6	53
46	Facing forward after Ebola: questions for the next director general of the World Health Organization. <i>BMJ, The</i> , 2016 , 353, i2666	5.9	3

45	Tissue-engineered 3-dimensional (3D) microenvironment enhances the direct reprogramming of fibroblasts into cardiomyocytes by microRNAs. <i>Scientific Reports</i> , 2016 , 6, 38815	4.9	54
44	Assessment of economic vulnerability to infectious disease crises. <i>Lancet, The</i> , 2016 , 388, 2443-2448	40	41
43	Realizing the Full Potential of Precision Medicine in Health and Health Care. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1659-1660	27.4	51
42	Blockade of angiotensin II type 2 receptor by PD123319 inhibits osteogenic differentiation of human mesenchymal stem cells via inhibition of extracellular signal-regulated kinase signaling. <i>Journal of the American Society of Hypertension</i> , 2015 , 9, 517-25		13
41	Aligning incentives to fulfil the promise of personalised medicine. <i>Lancet, The</i> , 2015 , 385, 2118-9	40	55
40	MicroRNAs and Cardiac Regeneration. <i>Circulation Research</i> , 2015 , 116, 1700-11	15.7	66
39	Conserved microRNA program as key to mammalian cardiac regeneration: insights from zebrafish. <i>Circulation Research</i> , 2015 , 116, 1109-11	15.7	6
38	Creating a Global Health Risk Framework. <i>New England Journal of Medicine</i> , 2015 , 373, 991-3	59.2	7
37	Inhibition of Wnt6 by Sfrp2 regulates adult cardiac progenitor cell differentiation by differential modulation of Wnt pathways. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 85, 215-25	5.8	29
36	MicroRNA induced cardiac reprogramming in vivo: evidence for mature cardiac myocytes and improved cardiac function. <i>Circulation Research</i> , 2015 , 116, 418-24	15.7	167
35	Global implementation of genomic medicine: We are not alone. <i>Science Translational Medicine</i> , 2015 , 7, 290ps13	17.5	112
34	Responsible Use of Human Gene-Editing Technologies. <i>Human Gene Therapy</i> , 2015 , 26, 411-2	4.8	8
33	Salt restriction leads to activation of adult renal mesenchymal stromal cell-like cells via prostaglandin E2 and E-prostanoid receptor 4. <i>Hypertension</i> , 2015 , 65, 1047-54	8.5	9
32	Abi3bp regulates cardiac progenitor cell proliferation and differentiation. <i>Circulation Research</i> , 2014 , 115, 1007-16	15.7	21
31	HASF is a stem cell paracrine factor that activates PKC epsilon mediated cytoprotection. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 66, 157-64	5.8	31
30	Relieving pain in America: insights from an Institute of Medicine committee. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 1507-8	27.4	57
29	Direct reprogramming of cardiac fibroblasts to cardiomyocytes using microRNAs. <i>Methods in Molecular Biology</i> , 2014 , 1150, 263-72	1.4	29
28	Transforming academic health centers for an uncertain future. <i>New England Journal of Medicine</i> , 2013 , 369, 991-3	59.2	47

27	Abi3bp is a multifunctional autocrine/paracrine factor that regulates mesenchymal stem cell biology. <i>Stem Cells</i> , 2013 , 31, 1669-82	5.8	36
26	C3orf58, a novel paracrine protein, stimulates cardiomyocyte cell-cycle progression through the PI3K-AKT-CDK7 pathway. <i>Circulation Research</i> , 2013 , 113, 372-80	15.7	61
25	Fostering innovation in medicine and health care: what must academic health centers do?. <i>Academic Medicine</i> , 2013 , 88, 1424-9	3.9	32
24	Cardiomyocyte specific overexpression of C3orf58 activates ER stress leading to impaired cardiac function. <i>FASEB Journal</i> , 2013 , 27, 929.7	0.9	
23	MicroRNA-mediated in vitro and in vivo direct reprogramming of cardiac fibroblasts to cardiomyocytes. <i>Circulation Research</i> , 2012 , 110, 1465-73	15.7	573
22	Genetic modification of mesenchymal stem cells overexpressing CCR1 increases cell viability, migration, engraftment, and capillary density in the injured myocardium. <i>Circulation Research</i> , 2010 , 106, 1753-62	15.7	186
21	Exogenously administered secreted frizzled related protein 2 (Sfrp2) reduces fibrosis and improves cardiac function in a rat model of myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 21110-5	11.5	157
20	The role of academic health science systems in the transformation of medicine. <i>Lancet, The</i> , 2010 , 375, 949-53	40	99
19	Genetic engineering of mesenchymal stem cells and its application in human disease therapy. <i>Human Gene Therapy</i> , 2010 , 21, 1513-26	4.8	119
18	Early beneficial effects of bone marrow-derived mesenchymal stem cells overexpressing Akt on cardiac metabolism after myocardial infarction. <i>Stem Cells</i> , 2009 , 27, 971-9	5.8	99
17	Secreted frizzled related protein 2 protects cells from apoptosis by blocking the effect of canonical Wnt3a. <i>Journal of Molecular and Cellular Cardiology</i> , 2009 , 46, 370-7	5.8	97
16	Paracrine mechanisms in adult stem cell signaling and therapy. <i>Circulation Research</i> , 2008 , 103, 1204-19	15.7	1560
15	Secreted frizzled related protein 2 (Sfrp2) is the key Akt-mesenchymal stem cell-released paracrine factor mediating myocardial survival and repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 1643-8	11.5	466
14	Evidence supporting paracrine hypothesis for Akt-modified mesenchymal stem cell-mediated cardiac protection and functional improvement. <i>FASEB Journal</i> , 2006 , 20, 661-9	0.9	972
13	Mesenchymal stem cells overexpressing Akt dramatically repair infarcted myocardium and improve cardiac function despite infrequent cellular fusion or differentiation. <i>Molecular Therapy</i> , 2006 , 14, 840-50	11.7	407
12	Paracrine action accounts for marked protection of ischemic heart by Akt-modified mesenchymal stem cells. <i>Nature Medicine</i> , 2005 , 11, 367-8	50.5	1320
11	Therapeutic potential of endothelial progenitor cells in cardiovascular diseases. <i>Hypertension</i> , 2005 , 46, 7-18	8.5	187
10	Searching for transcriptional regulators of Ang II-induced vascular pathology. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2319-22	15.9	16

- 9 The cardiovascular continuum and renin-angiotensin-aldosterone system blockade. *Journal of Hypertension Supplement: Official Journal of the International Society of Hypertension*, **2005**, 23, S9-17 43
- 8 The Implications of Genes on the Pathogenesis, Diagnosis and Therapeutics of Hypertension 166-191
- 7 Stem Cell Therapy for Cardiovascular Disease 225-249 1
- 6 The Long QT Syndrome 83-110
- 5 Pharmacogenetics and Personalized Medicine 250-276
- 4 Monogenic Hypercholesterolemia 19-29
- 3 The Potential of Blood-Based Gene Profiling for Disease Assessment 277-299
- 2 Dilated Cardiomyopathy and Other Cardiomyopathies 55-82
- 1 Gene Therapy for Cardiovascular Disease: Inserting New Genes, Regulating the Expression of Native Genes, and Correcting Genetic Defects 195-224 1