# Victor J Dzau

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6357972/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 119 papers | 10,094 citations | 109321 35 h-index | 36028 97 g-index |
| 134 all docs | 134 docs citations | 134 times ranked | 11944 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Equity and Qualityâ€”Improving Health Care Delivery Requires Both. JAMA - Journal of the American Medical Association, 2022, 327, 519. | 7.4 | 19 |
| 2 | Translating science to medicine: The case for physician-scientists. Science Translational Medicine, 2022, 14, eabg7852. | 12.4 | 11 |
| 3 | Improving health through convergence science: reimagining our approach to solving the world's biggest challenges. , 2022, 1, . | | 1 |
| 4 | How Academic Health Systems Can Be Ready for the Next Pandemic. Academic Medicine, 2022, 97, 479-483. | 1.6 | 2 |
| 5 | Closing the global vaccine equity gap: equitably distributed manufacturing. Lancet, The, 2022, 399, 1924-1926. | 13.7 | 15 |
| 6 | The Imperative for Diversity and Inclusion in Clinical Trials and Health Research Participation. JAMA - Journal of the American Medical Association, 2022, 327, 2283. | 7.4 | 35 |
| 7 | Enhancing cardiac reprogramming via synthetic RNA oligonucleotides. Molecular Therapy - Nucleic Acids, 2021, 23, 55-62. | 5.1 | 11 |
| 8 | Vital Directions For Health And Health Care: Priorities For 2021. Health Affairs, 2021, 40, 197-203. | 5.2 | 12 |
| 9 | Urgent lessons from COVID 19: why the world needs a standing, coordinated system and sustainable financing for global research and development. Lancet, The, 2021, 397, 1229-1236. | 13.7 | 54 |
| 10 | CRISPR/Cas9 Mediated Deletion of the Angiotensinogen Gene Reduces Hypertension: A Potential for Cure?. Hypertension, 2021, 77, 1990-2000. | 2.7 | 10 |
| 11 | Coordination Needed to Address Clinician Well-being and the Opioid Epidemic. JAMA - Journal of the American Medical Association, 2021, 325, 2341. | 7.4 | 1 |
| 12 | Should global financing be the main priority for pandemic preparedness? â€“ Authors' reply. Lancet, The, 2021, 398, 388-389. | 13.7 | 0 |
| 13 | A role for Sfrp2 in cardiomyogenesis in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 8 |
| 14 | Artificial Intelligence in Health, Health Care, and Biomedical Science: An AI Code of Conduct Principles and Commitments Discussion Draft. NAM Perspectives, 2021, 3, . | 2.9 | 21 |
| 15 | Revisiting academic health sciences systems a decade later: discovery to health to population to society. Lancet, The, 2021, 398, 2300-2304. | 13.7 | 19 |
| 16 | Production of Cardiomyocytes by microRNA-Mediated Reprogramming in Optimized Reprogramming Media. Methods in Molecular Biology, 2021, 2239, 47-59. | 0.9 | 4 |
| 17 | Basic and Translational Research in Cardiac Repair and Regeneration. Journal of the American College of Cardiology, 2021, 78, 2092-2105. | 2.8 | 42 |
| 18 | Abstract 9746: Rig-1 Agonists Regulate Cardiac Reprogramming via Yy1. Circulation, 2021, 144, . | 1.6 | 0 |

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|---|---|---|---|
| 19 | Abstract 9742: Conservation of Mir Direct Cardiac Reprogramming Across Several Mammalian Species. Circulation, 2021, 144, . | 1.6 | 0 |
| 20 | Abstract 9745: Exosome Delivery for Therapeutic Cardiac Reprogramming. Circulation, 2021, 144, . | 1.6 | 0 |
| 21 | Sox6 as a new modulator of renin expression in the kidney. American Journal of Physiology - Renal Physiology, 2020, 318, F285-F297. | 2.7 | 14 |
| 22 | Optimizing delivery for efficient cardiac reprogramming. Biochemical and Biophysical Research Communications, 2020, 533, 9-16. | 2.1 | 15 |
| 23 | Achieving healthy human longevity: A global grand challenge. Science Translational Medicine, 2020, 12, . | 12.4 | 6 |
| 24 | Sequential paracrine mechanisms are necessary for the therapeutic benefits of stem cell therapy. American Journal of Physiology - Cell Physiology, 2020, 319, C1141-C1150. | 4.6 | 23 |
| 25 | Strategy, coordinated implementation, and sustainable financing needed for COVID-19 innovations. Lancet, The, 2020, 396, 1469-1471. | 13.7 | 12 |
| 26 | Clinician Burnout and Professional Well-beingâ€"Reply. JAMA - Journal of the American Medical Association, 2020, 323, 1318. | 7.4 | 0 |
| 27 | Time for NIH to lead on data sharing. Science, 2020, 367, 1308-1309. | 12.6 | 42 |
| 28 | Two Decades Since To Err Is Human. JAMA - Journal of the American Medical Association, 2020, 324, 2489. | 7.4 | 23 |
| 29 | Vital Directions for Health & Health Care. North Carolina Medical Journal, 2020, 81, 167-172. | 0.2 | 2 |
| 30 | Abstract 15541: Novel Molecular Entity for Effective Cardiac Regeneration: 5â€™ppp Microrna Induces Reprogramming and Accelerates Cardiomyocyte Maturation. Circulation, 2020, 142, . | 1.6 | 0 |
| 31 | Abstract 15555: Potential Cure for Hypertension? The Effect of Crispr Genome Editing. Circulation, 2020, 142, . | 1.6 | 2 |
| 32 | Abstract 15547: Sfrp2 Mediates Ipsc to Cardiomyocyte Differentiation via Competing Actions on Wnts. Circulation, 2020, 142, . | 1.6 | 0 |
| 33 | Future of Hypertension. Hypertension, 2019, 74, 450-457. | 2.7 | 91 |
| 34 | Clarification of Reporting of Potential Conflicts of Interest in JAMA Articles. JAMA - Journal of the American Medical Association, 2019, 322, 696. | 7.4 | 3 |
| 35 | Improving the System to Support Clinician Well-being and Provide Better Patient Care. JAMA - Journal of the American Medical Association, 2019, 322, 2165. | 7.4 | 37 |
| 36 | Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. PLoS ONE, 2019, 14, e0223842. | 2.5 | 17 |

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|---|---|---|---|
| 37 | Creating a Global Roadmap for Healthy Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, S4-S6. | 3.6 | 5 |
| 38 | Medication-Based Treatment to Address Opioid Use Disorder. JAMA - Journal of the American Medical Association, 2019, 321, 2071. | 7.4 | 36 |
| 39 | What Can Patient Safety Teach Us About Clinician Burnout?. Annals of Internal Medicine, 2019, 171, 933. | 3.9 | 2 |
| 40 | Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. , 2019, 14, e0223842. | | 0 |
| 41 | Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. , 2019, 14, e0223842. | | 0 |
| 42 | Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. , 2019, 14, e0223842. | | 0 |
| 43 | Induced cardiomyocyte maturation: Cardiac transcription factors are necessary but not sufficient. , 2019, 14, e0223842. | | 0 |
| 44 | Understanding the mechanism of bias signaling of the insulin-like growth factor 1 receptor: Effects of LL37 and HASF. Cellular Signalling, 2018, 46, 113-119. | 3.6 | 8 |
| 45 | Cardiomyocyte Maturation Requires TLR3 Activated Nuclear Factor Kappa B. Stem Cells, 2018, 36, 1198-1209. | 3.2 | 28 |
| 46 | Good gun policy needs research. Science, 2018, 359, 1195-1195. | 12.6 | 1 |
| 47 | Public Health Research on Gun Violence: Long Overdue. Annals of Internal Medicine, 2018, 168, 876. | 3.9 | 19 |
| 48 | Wake-up call from Hong Kong. Science, 2018, 362, 1215-1215. | 12.6 | 23 |
| 49 | Health and societal implications of medical and technological advances. Science Translational Medicine, 2018, 10, . | 12.4 | 15 |
| 50 | Insights from molecular signature of in vivo cardiac c-Kit(+) cells following cardiac injury and Î²-catenin inhibition. Journal of Molecular and Cellular Cardiology, 2018, 123, 64-74. | 1.9 | 13 |
| 51 | Reimagining population health as convergence science. Lancet, The, 2018, 392, 367-368. | 13.7 | 16 |
| 52 | Supporting the Next Generation of Biomedical Researchers. JAMA - Journal of the American Medical Association, 2018, 320, 29. | 7.4 | 3 |
| 53 | HASF (C3orf58) is a novel ligand of the insulin-like growth factor 1 receptor. Biochemical Journal, 2017, 474, 771-780. | 3.7 | 15 |
| 54 | Post-Ebola reforms: ample analysis, inadequate action. BMJ: British Medical Journal, 2017, 356, j280. | 2.3 | 50 |

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|---|---|---|---|
| 55 | Demethylation of H3K27 Is Essential for the Induction of Direct Cardiac Reprogramming by miR Combo. Circulation Research, 2017, 120, 1403-1413. | 4.5 | 87 |
| 56 | Mesenchymal stem cells in obesity: insights for translational applications. Laboratory Investigation, 2017, 97, 1158-1166. | 3.7 | 60 |
| 57 | Vital Directions for Health and Health Care. JAMA - Journal of the American Medical Association, 2017, 317, 1461. | 7.4 | 144 |
| 58 | Creating Healthy Communities after Disasters. New England Journal of Medicine, 2017, 377, 1806-1808. | 27.0 | 13 |
| 59 | Cardiovascular Research and the National Academy of Medicine: Advancing Progress in Science and Medicine. Circulation Research, 2017, 120, 23-26. | 4.5 | 3 |
| 60 | The Future Role of the United States in Global Health. Journal of the American College of Cardiology, 2017, 70, 3140-3156. | 2.8 | 33 |
| 61 | Debate on the cost of innovation in healthcare: is it too costly?. BMJ Simulation and Technology Enhanced Learning, 2017, 3, S33-S36. | 0.7 | 3 |
| 62 | Commentary: Vaccinesâ€"Protecting Health and Saving Lives. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2017, 18, 147-148. | 10.7 | 0 |
| 63 | Cardiovascular Research and the National Academy of Medicine: Advancing Progress in Science and Medicine. Circulation Research, 2017, 120, 20-22. | 4.5 | 2 |
| 64 | Toward a Common Secure Future: Four Global Commissions in the Wake of Ebola. PLoS Medicine, 2016, 13, e1002042. | 8.4 | 70 |
| 65 | Facing forward after Ebola: questions for the next director general of the World Health Organization. BMJ, The, 2016, 353, i2666. | 6.0 | 3 |
| 66 | Tissue-engineered 3-dimensional (3D) microenvironment enhances the direct reprogramming of fibroblasts into cardiomyocytes by microRNAs. Scientific Reports, 2016, 6, 38815. | 3.3 | 68 |
| 67 | Assessment of economic vulnerability to infectious disease crises. Lancet, The, 2016, 388, 2443-2448. | 13.7 | 68 |
| 68 | Realizing the Full Potential of Precision Medicine in Health and Health Care. JAMA - Journal of the American Medical Association, 2016, 316, 1659. | 7.4 | 70 |
| 69 | Vital Directions for Health and Health Care. JAMA - Journal of the American Medical Association, 2016, 316, 711. | 7.4 | 25 |
| 70 | Selenium Augments microRNA Directed Reprogramming of Fibroblasts to Cardiomyocytes via Nanog. Scientific Reports, 2016, 6, 23017. | 3.3 | 23 |
| 71 | The National Academy of Medicine and the Cardiovascular Community. Circulation, 2016, 134, 183-185. | 1.6 | 4 |
| 72 | Beyond the Ebola Battle â€" Winning the War against Future Epidemics. New England Journal of Medicine, 2016, 375, 203-204. | 27.0 | 22 |

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|---|---|---|---|
| 73 | Deletion of angiotensin II type 2 receptor accelerates adipogenesis in murine mesenchymal stem cells via Wnt10b/beta-catenin signaling. Laboratory Investigation, 2016, 96, 909-917. | 3.7 | 15 |
| 74 | Emerging Concepts in Paracrine Mechanisms in Regenerative Cardiovascular Medicine and Biology. Circulation Research, 2016, 118, 95-107. | 4.5 | 223 |
| 75 | The Neglected Dimension of Global Security â€" A Framework for Countering Infectious-Disease Crises. New England Journal of Medicine, 2016, 374, 1281-1287. | 27.0 | 173 |
| 76 | Nuclear hormone receptor LXRÎ± inhibits adipocyte differentiation of mesenchymal stem cells with Wnt/beta-catenin signaling. Laboratory Investigation, 2016, 96, 230-238. | 3.7 | 14 |
| 77 | The Institute of Medicine: ensuring integrity and independence in scientific advice on health. Lancet, The, 2016, 387, 1686-1692. | 13.7 | 1 |
| 78 | Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13. | 12.4 | 146 |
| 79 | Responsible Use of Human Gene-Editing Technologies. Human Gene Therapy, 2015, 26, 411-412. | 2.7 | 11 |
| 80 | Salt Restriction Leads to Activation of Adult Renal Mesenchymal Stromal Cellâ€"Like Cells via Prostaglandin E2 and E-Prostanoid Receptor 4. Hypertension, 2015, 65, 1047-1054. | 2.7 | 12 |
| 81 | 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. Journal of the American Society of Hypertension, 2015, 9, 517-525. | 2.3 | 14 |
| 82 | Restore the US Lead in Biomedical Research. JAMA - Journal of the American Medical Association, 2015, 313, 143. | 7.4 | 10 |
| 83 | Aligning incentives to fulfil the promise of personalised medicine. Lancet, The, 2015, 385, 2118-2119. | 13.7 | 72 |
| 84 | MicroRNAs and Cardiac Regeneration. Circulation Research, 2015, 116, 1700-1711. | 4.5 | 79 |
| 85 | Conserved MicroRNA Program as Key to Mammalian Cardiac Regeneration. Circulation Research, 2015, 116, 1109-1111. | 4.5 | 6 |
| 86 | Creating a Global Health Risk Framework. New England Journal of Medicine, 2015, 373, 991-993. | 27.0 | 9 |
| 87 | Inhibition of Wnt6 by Sfrp2 regulates adult cardiac progenitor cell differentiation by differential modulation of Wnt pathways. Journal of Molecular and Cellular Cardiology, 2015, 85, 215-225. | 1.9 | 34 |
| 88 | MicroRNA Induced Cardiac Reprogramming In Vivo. Circulation Research, 2015, 116, 418-424. | 4.5 | 210 |
| 89 | Abstract 19364: C-Kit <sup>+</sup> Cardiac Progenitor Cells are Important in Cardiomyocytes Generation i n vivo in Response to Sfrp2. Circulation, 2015, 132, . | 1.6 | 0 |
| 90 | Relieving Pain in America. JAMA - Journal of the American Medical Association, 2014, 312, 1507. | 7.4 | 70 |

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|---|---|---|---|
| 91 | Abi3bp Regulates Cardiac Progenitor Cell Proliferation and Differentiation. Circulation Research, 2014, 115, 1007-1016. | 4.5 | 23 |
| 92 | HASF is a stem cell paracrine factor that activates PKC epsilon mediated cytoprotection. Journal of Molecular and Cellular Cardiology, 2014, 66, 157-164. | 1.9 | 34 |
| 93 | Direct Reprogramming of Cardiac Fibroblasts to Cardiomyocytes Using MicroRNAs. Methods in Molecular Biology, 2014, 1150, 263-272. | 0.9 | 35 |
| 94 | Abstract 15751: A New Role of Sox6 in Renin Regulation. Circulation, 2014, 130, . | 1.6 | 0 |
| 95 | Transforming Academic Health Centers for an Uncertain Future. New England Journal of Medicine, 2013, 369, 991-993. | 27.0 | 60 |
| 96 | Abi3bp Is a Multifunctional Autocrine/Paracrine Factor that Regulates Mesenchymal Stem Cell Biology. Stem Cells, 2013, 31, 1669-1682. | 3.2 | 47 |
| 97 | C3orf58 , a Novel Paracrine Protein, Stimulates Cardiomyocyte Cell-Cycle Progression Through the PI3Kâ€“AKTâ€“CDK7 Pathway. Circulation Research, 2013, 113, 372-380. | 4.5 | 73 |
| 98 | Fostering Innovation in Medicine and Health Care. Academic Medicine, 2013, 88, 1424-1429. | 1.6 | 42 |
| 99 | Cardiomyocyte specific overexpression of C3orf58 activates ER stress leading to impaired cardiac function. FASEB Journal, 2013, 27, 929.7. | 0.5 | 0 |
| 100 | Abstract 141: Histone Methyltransferase Setdb2 is important for miRNA mediated cardiac reprogramming. Circulation Research, 2013, 113, . | 4.5 | 0 |
| 101 | MicroRNA-Mediated In Vitro and In Vivo Direct Reprogramming of Cardiac Fibroblasts to Cardiomyocytes. Circulation Research, 2012, 110, 1465-1473. | 4.5 | 698 |
| 102 | Genetic Engineering of Mesenchymal Stem Cells and Its Application in Human Disease Therapy. Human Gene Therapy, 2010, 21, 1513-1526. | 2.7 | 136 |
| 103 | Genetic Modification of Mesenchymal Stem Cells Overexpressing CCR1 Increases Cell Viability, Migration, Engraftment, and Capillary Density in the Injured Myocardium. Circulation Research, 2010, 106, 1753-1762. | 4.5 | 212 |
| 104 | Exogenously administered secreted frizzled related protein 2 (Sfrp2) reduces fibrosis and improves cardiac function in a rat model of myocardial infarction. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21110-21115. | 7.1 | 184 |
| 105 | The role of academic health science systems in the transformation of medicine. Lancet, The, 2010, 375, 949-953. | 13.7 | 127 |
| 106 | Early Beneficial Effects of Bone Marrow-Derived Mesenchymal Stem Cells Overexpressing Akt on Cardiac Metabolism After Myocardial Infarction. Stem Cells, 2009, 27, 971-979. | 3.2 | 110 |
| 107 | Secreted frizzled related protein 2 protects cells from apoptosis by blocking the effect of canonical Wnt3a. Journal of Molecular and Cellular Cardiology, 2009, 46, 370-377. | 1.9 | 107 |
| 108 | Paracrine Mechanisms in Adult Stem Cell Signaling and Therapy. Circulation Research, 2008, 103, 1204-1219. | 4.5 | 1,809 |

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|---|---|---|---|
| 109 | Secreted frizzled related protein 2 (Sfrp2) is the key Akt-mesenchymal stem cell-released paracrine factor mediating myocardial survival and repair. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1643-1648. | 7.1 | 500 |
| 110 | Mesenchymal stem cells overexpressing Akt dramatically repair infarcted myocardium and improve cardiac function despite infrequent cellular fusion or differentiation. Molecular Therapy, 2006, 14, 840-850. | 8.2 | 454 |
| 111 | Response to Letter Regarding Article â€œAtherosclerosis 2005: Recent Discoveries and Novel Hypothesesâ€. Circulation, 2006, 113, . | 1.6 | 0 |
| 112 | Evidence supporting paracrine hypothesis for Aktâ€modified mesenchymal stem cellâ€mediated cardiac protection and functional improvement. FASEB Journal, 2006, 20, 661-669. | 0.5 | 1,082 |
| 113 | Paracrine action accounts for marked protection of ischemic heart by Akt-modified mesenchymal stem cells. Nature Medicine, 2005, 11, 367-368. | 30.7 | 1,512 |
| 114 | Therapeutic Potential of Endothelial Progenitor Cells in Cardiovascular Diseases. Hypertension, 2005, 46, 7-18. | 2.7 | 199 |
| 115 | Searching for transcriptional regulators of Ang II-induced vascular pathology. Journal of Clinical Investigation, 2005, 115, 2319-2322. | 8.2 | 19 |
| 116 | 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. | 0.1 | 43 |
| 117 | Cardiovascular Polygenic Disorders. , 0, , 111-111. | | 0 |
| 118 | Cardiovascular Single Gene Disorders. , 0, , 17-17. | | 0 |
| 119 | Therapies and Applications. , 0, , 193-193. | | 0 |