

Francis Kim

List of Publications by Citations

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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.

35
papers

3,084
citations

16
h-index

37
g-index

37
ext. papers

3,403
ext. citations

9
avg. IF

4.43
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 35 | Pilot randomized clinical trial of prehospital induction of mild hypothermia in out-of-hospital cardiac arrest patients with a rapid infusion of 4 degrees C normal saline. <i>Circulation</i> , 2007 , 115, 3064-70 | 16.7 | 895 |
| 34 | Toll-like receptor-4 mediates vascular inflammation and insulin resistance in diet-induced obesity. <i>Circulation Research</i> , 2007 , 100, 1589-96 | 15.7 | 431 |
| 33 | Effect of prehospital induction of mild hypothermia on survival and neurological status among adults with cardiac arrest: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 45-52 | 27.4 | 383 |
| 32 | Free fatty acid impairment of nitric oxide production in endothelial cells is mediated by IKKbeta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 989-94 | 9.4 | 255 |
| 31 | Vascular inflammation, insulin resistance, and reduced nitric oxide production precede the onset of peripheral insulin resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1982-8 | 9.4 | 251 |
| 30 | Pilot study of rapid infusion of 2 L of 4 degrees C normal saline for induction of mild hypothermia in hospitalized, comatose survivors of out-of-hospital cardiac arrest. <i>Circulation</i> , 2005 , 112, 715-9 | 16.7 | 234 |
| 29 | TNF-alpha inhibits flow and insulin signaling leading to NO production in aortic endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1057-65 | 5.4 | 111 |
| 28 | Endothelial NO/cGMP/VASP signaling attenuates Kupffer cell activation and hepatic insulin resistance induced by high-fat feeding. <i>Diabetes</i> , 2011 , 60, 2792-801 | 0.9 | 76 |
| 27 | Trans fatty acids induce vascular inflammation and reduce vascular nitric oxide production in endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e29600 | 3.7 | 64 |
| 26 | M2 Macrophage Polarization Mediates Anti-inflammatory Effects of Endothelial Nitric Oxide Signaling. <i>Diabetes</i> , 2015 , 64, 2836-46 | 0.9 | 61 |
| 25 | Apolipoprotein A-I attenuates palmitate-mediated NF-B activation by reducing Toll-like receptor-4 recruitment into lipid rafts. <i>PLoS ONE</i> , 2012 , 7, e33917 | 3.7 | 59 |
| 24 | Activation of IKKbeta by glucose is necessary and sufficient to impair insulin signaling and nitric oxide production in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 39, 327-34 | 5.8 | 38 |
| 23 | Type 2 diabetes is associated with loss of HDL endothelium protective functions. <i>PLoS ONE</i> , 2018 , 13, e0192616 | 3.7 | 36 |
| 22 | ABCA1 Overexpression in Endothelial Cells In Vitro Enhances ApoAI-Mediated Cholesterol Efflux and Decreases Inflammation. <i>Human Gene Therapy</i> , 2019 , 30, 236-248 | 4.8 | 25 |
| 21 | VASP increases hepatic fatty acid oxidation by activating AMPK in mice. <i>Diabetes</i> , 2013 , 62, 1913-22 | 0.9 | 23 |
| 20 | Effect of prehospital induction of mild hypothermia on 3-month neurological status and 1-year survival among adults with cardiac arrest: long-term follow-up of a randomized, clinical trial. <i>Journal of the American Heart Association</i> , 2015 , 4, e001693 | 6 | 19 |
| 19 | Role of NO/VASP Signaling Pathway against Obesity-Related Inflammation and Insulin Resistance. <i>Diabetes and Metabolism Journal</i> , 2017 , 41, 89-95 | 5 | 16 |

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|----|---|------|----|
| 18 | The use of pre-hospital mild hypothermia after resuscitation from out-of-hospital cardiac arrest. <i>Journal of Neurotrauma</i> , 2009 , 26, 359-63 | 5.4 | 14 |
| 17 | Vasodilator-stimulated phosphoprotein protects against vascular inflammation and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E571-9 | 6 | 13 |
| 16 | Hemodynamic effects of IV sodium nitrite in hospitalized comatose survivors of out of hospital cardiac arrest. <i>Resuscitation</i> , 2018 , 122, 106-112 | 4 | 12 |
| 15 | Adhesion to fibronectin enhances MKP-1 activation in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 273, 539-45 | 3.4 | 12 |
| 14 | Control of insulin secretion by cytochrome C and calcium signaling in islets with impaired metabolism. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19110-9 | 5.4 | 11 |
| 13 | What is the use of hypothermia for neuroprotection after out-of-hospital cardiac arrest?. <i>Stroke</i> , 2015 , 46, 592-7 | 6.7 | 8 |
| 12 | Effect of Out-of-Hospital Sodium Nitrite on Survival to Hospital Admission After Cardiac Arrest: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 138-145 | 27.4 | 8 |
| 11 | Usefulness of Intravenous Sodium Nitrite During Resuscitation for the Treatment of Out-of-Hospital Cardiac Arrest. <i>American Journal of Cardiology</i> , 2018 , 122, 554-559 | 3 | 8 |
| 10 | Nitrite elicits divergent NO-dependent signaling that associates with outcome in out of hospital cardiac arrest. <i>Redox Biology</i> , 2020 , 32, 101463 | 11.3 | 4 |
| 9 | Loss of Transforming Growth Factor Beta Signaling in Aortic Smooth Muscle Cells Causes Endothelial Dysfunction and Aortic Hypercontractility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1956-1971 | 9.4 | 4 |
| 8 | Nitrite pharmacokinetics, safety and efficacy after experimental ventricular fibrillation cardiac arrest. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 93, 71-77 | 5 | 3 |
| 7 | Prehospital therapeutic hypothermia in patients with out-of-hospital cardiac arrest--reply. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 2233-4 | 27.4 | 3 |
| 6 | The role of vasodilator-stimulated phosphoprotein (VASP) in the control of hepatic gluconeogenic gene expression. <i>PLoS ONE</i> , 2019 , 14, e0215601 | 3.7 | 1 |
| 5 | Hematopoietic Cell-Expressed Endothelial Nitric Oxide Protects the Liver From Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 670-681 | 9.4 | 1 |
| 4 | Enhancing approaches to therapeutic hypothermia in patients with sudden circulatory arrest. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 451 | 6 | |
| 3 | Effect of Sodium Nitrite on Survival of Cardiac Arrest to Hospital Admission-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 2118-2119 | 27.4 | |
| 2 | Response to Comment on Lee et al. Diabetes 2015;64:2836-2846. Comment on Roberts et al. Diabetes 2015;64:471-484. <i>Diabetes</i> , 2016 , 65, e17 | 0.9 | |
| 1 | Keeping it cool. <i>Journal of Emergency Medical Services</i> , 2013 , 38, 54-60; quiz 61 | | |

