

Francis Kim

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.

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	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	
34	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
33	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
32	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
31	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
30	Nitrite pharmacokinetics, safety and efficacy after experimental ventricular fibrillation cardiac arrest. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 93, 71-77	5	3
29	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
28	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
27	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
26	Type 2 diabetes is associated with loss of HDL endothelium protective functions. <i>PLoS ONE</i> , 2018 , 13, e0192616	3.7	36
25	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
24	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
23	Response to Comment on Lee et al. <i>Diabetes</i> 2015;64:2836-2846. Comment on Roberts et al. <i>Diabetes</i> 2015;64:471-484. <i>Diabetes</i> , 2016 , 65, e17	0.9	
22	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
21	What is the use of hypothermia for neuroprotection after out-of-hospital cardiac arrest?. <i>Stroke</i> , 2015 , 46, 592-7	6.7	8
20	M2 Macrophage Polarization Mediates Anti-inflammatory Effects of Endothelial Nitric Oxide Signaling. <i>Diabetes</i> , 2015 , 64, 2836-46	0.9	61
19	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

18	Enhancing approaches to therapeutic hypothermia in patients with sudden circulatory arrest. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 451	6	
17	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
16	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
15	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
14	VASP increases hepatic fatty acid oxidation by activating AMPK in mice. <i>Diabetes</i> , 2013 , 62, 1913-22	0.9	23
13	Keeping it cool. <i>Journal of Emergency Medical Services</i> , 2013 , 38, 54-60; quiz 61		
12	Apolipoprotein A-I attenuates palmitate-mediated NF- κ B activation by reducing Toll-like receptor-4 recruitment into lipid rafts. <i>PLoS ONE</i> , 2012 , 7, e33917	3.7	59
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	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

