

Francis Kim

List of Publications by Year in descending order

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36
papers

3,630
citations

430442

18
h-index

395343

33
g-index

37
all docs

37
docs citations

37
times ranked

4236
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot Randomized Clinical Trial of Prehospital Induction of Mild Hypothermia in Out-of-Hospital Cardiac Arrest Patients With a Rapid Infusion of 4°C Normal Saline. <i>Circulation</i> , 2007, 115, 3064-3070.	1.6	970
2	Effect of Prehospital Induction of Mild Hypothermia on Survival and Neurological Status Among Adults With Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 45.	3.8	502
3	Toll-Like Receptor-4 Mediates Vascular Inflammation and Insulin Resistance in Diet-Induced Obesity. <i>Circulation Research</i> , 2007, 100, 1589-1596.	2.0	482
4	Free Fatty Acid Impairment of Nitric Oxide Production in Endothelial Cells Is Mediated by IKK β . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 989-994.	1.1	298
5	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, 1982-1988.	1.1	296
6	Pilot Study of Rapid Infusion of 2 L of 4°C Normal Saline for Induction of Mild Hypothermia in Hospitalized, Comatose Survivors of Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2005, 112, 715-719.	1.6	255
7	TNF- α inhibits flow and insulin signaling leading to NO production in aortic endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1057-C1065.	2.1	127
8	Endothelial NO/cGMP/VASP Signaling Attenuates Kupffer Cell Activation and Hepatic Insulin Resistance Induced by High-Fat Feeding. <i>Diabetes</i> , 2011, 60, 2792-2801.	0.3	96
9	M2 Macrophage Polarization Mediates Anti-inflammatory Effects of Endothelial Nitric Oxide Signaling. <i>Diabetes</i> , 2015, 64, 2836-2846.	0.3	80
10	Trans Fatty Acids Induce Vascular Inflammation and Reduce Vascular Nitric Oxide Production in Endothelial Cells. <i>PLoS ONE</i> , 2011, 6, e29600.	1.1	80
11	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.	1.1	68
12	Type 2 diabetes is associated with loss of HDL endothelium protective functions. <i>PLoS ONE</i> , 2018, 13, e0192616.	1.1	55
13	Activation of IKK β 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, 327-334.	0.9	44
14	ABCA1 Overexpression in Endothelial Cells <i>In Vitro</i> Enhances ApoA1-Mediated Cholesterol Efflux and Decreases Inflammation. <i>Human Gene Therapy</i> , 2019, 30, 236-248.	1.4	37
15	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.	1.6	29
16	VASP Increases Hepatic Fatty Acid Oxidation by Activating AMPK in Mice. <i>Diabetes</i> , 2013, 62, 1913-1922.	0.3	27
17	Role of NO/VASP Signaling Pathway against Obesity-Related Inflammation and Insulin Resistance. <i>Diabetes and Metabolism Journal</i> , 2017, 41, 89.	1.8	24
18	The Use of Pre-Hospital Mild Hypothermia after Resuscitation from Out-of-Hospital Cardiac Arrest. <i>Journal of Neurotrauma</i> , 2009, 26, 359-363.	1.7	18

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19	Control of Insulin Secretion by Cytochrome c and Calcium Signaling in Islets with Impaired Metabolism. <i>Journal of Biological Chemistry</i> , 2014, 289, 19110-19119.	1.6	18
20	Effect of Out-of-Hospital Sodium Nitrite on Survival to Hospital Admission After Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 138.	3.8	17
21	Vasodilator-stimulated phosphoprotein protects against vascular inflammation and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E571-E579.	1.8	14
22	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.	1.1	14
23	Adhesion to Fibronectin Enhances MKP-1 Activation in Human Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 539-545.	1.0	13
24	Hemodynamic effects of IV sodium nitrite in hospitalized comatose survivors of out of hospital cardiac arrest. <i>Resuscitation</i> , 2018, 122, 106-112.	1.3	13
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.	0.7	11
26	What Is the Use of Hypothermia for Neuroprotection After Out-of-Hospital Cardiac Arrest?. <i>Stroke</i> , 2015, 46, 592-597.	1.0	10
27	Bystander Interventions Can Improve Outcomes From Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 231.	3.8	6
28	Nitrite pharmacokinetics, safety and efficacy after experimental ventricular fibrillation cardiac arrest. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 71-77.	1.2	6
29	Nitrite elicits divergent NO-dependent signaling that associates with outcome in out of hospital cardiac arrest. <i>Redox Biology</i> , 2020, 32, 101463.	3.9	6
30	Prehospital Therapeutic Hypothermia in Patients With Out-Of-Hospital Cardiac Arrestâ€”Reply. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2233.	3.8	5
31	The role of vasodilator-stimulated phosphoprotein (VASP) in the control of hepatic gluconeogenic gene expression. <i>PLoS ONE</i> , 2019, 14, e0215601.	1.1	4
32	Hematopoietic Cellâ€”Expressed Endothelial Nitric Oxide Protects the Liver From Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 670-681.	1.1	4
33	Enhancing Approaches to Therapeutic Hypothermia in Patients with Sudden Circulatory Arrest. <i>Current Atherosclerosis Reports</i> , 2014, 16, 451.	2.0	0
34	Response to Comment on Lee et al. <i>Diabetes</i> 2015;64:2836â€”2846. Comment on Roberts et al. <i>Diabetes</i> 2015;64:471â€”484. <i>Diabetes</i> , 2016, 65, e17-e17.	0.3	0
35	Effect of Sodium Nitrite on Survival of Cardiac Arrest to Hospital Admissionâ€”Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2118.	3.8	0
36	Keeping it cool. <i>Journal of Emergency Medical Services</i> , 2013, 38, 54-60; quiz 61.	0.0	0