C Keith Ozaki

List of Publications by Year
in descending order

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66	3,209	236925	155660
papers	citations	25 h-index	55 g-index

67	67	67	4540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endogenous Hydrogen Sulfide Production Is Essential for Dietary Restriction Benefits. Cell, 2015, 160, 132-144.	28.9	449
2	Vascular Tissue Engineering: Progress, Challenges, and Clinical Promise. Cell Stem Cell, 2018, 22, 340-354.	11.1	320
3	Decreased Cancer Risk After Iron Reduction in Patients With Peripheral Arterial Disease: Results From a Randomized Trial. Journal of the National Cancer Institute, 2008, 100, 996-1002.	6.3	282
4	Amino Acid Restriction Triggers Angiogenesis via GCN2/ATF4 Regulation of VEGF and H2S Production. Cell, 2018, 173, 117-129.e14.	28.9	229
5	Direct Evidence for Cytokine Involvement in Neointimal Hyperplasia. Circulation, 2000, 102, 1697-1702.	1.6	170
6	Reduction of Iron Stores and Cardiovascular Outcomes in Patients With Peripheral Arterial Disease. JAMA - Journal of the American Medical Association, 2007, 297, 603.	7.4	159
7	Arteriogenesis Proceeds via ICAM-1/Mac-1- Mediated Mechanisms. Circulation Research, 2004, 94, 1179-1185.	4.5	156
8	Prospective validation of an algorithm to maximize native arteriovenous fistulae for chronic hemodialysis access. Journal of Vascular Surgery, 2002, 36, 452-459.	1.1	150
9	Direct Evidence for Tumor Necrosis Factor-Î± Signaling in Arteriogenesis. Circulation, 2002, 105, 1639-1641.	1.6	142
10	Plasma microbiome-modulated indole- and phenyl-derived metabolites associate with advanced atherosclerosis and postoperative outcomes. Journal of Vascular Surgery, 2018, 68, 1552-1562.e7.	1.1	105
11	Increased Microvascularization and Vessel Permeability Associate With Active Inflammation in Human Atheromata. Circulation: Cardiovascular Imaging, 2014, 7, 920-929.	2.6	74
12	Protein and Calorie Restriction Contribute Additively to Protection from Renal Ischemia Reperfusion Injury Partly via Leptin Reduction in Male Mice. Journal of Nutrition, 2015, 145, 1717-1727.	2.9	74
13	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. Cell Metabolism, 2017, 25, 1320-1333.e5.	16.2	71
14	Enhancing and Extending Biological Performance and Resilience. Dose-Response, 2018, 16, 155932581878450.	1.6	57
15	Anti-tumor necrosis factor-Î± therapies attenuate adaptive arteriogenesis in the rabbit. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1497-H1505.	3.2	43
16	Macrophage Notch Ligand Delta-Like 4 Promotes Vein Graft Lesion Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2343-2353.	2.4	43
17	Prospective, randomized, multi-institutional clinical trial of a silver alginate dressing to reduce lower extremity vascular surgery wound complications. Journal of Vascular Surgery, 2015, 61, 419-427.e1.	1.1	42
18	Dietary protein restriction reduces circulating VLDL triglyceride levels via CREBH-APOA5â€“dependent and â€“independent mechanisms. JCI Insight, 2018, 3, .	5.0	42

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19	Thirty-year trends in aortofemoral bypass for aortoiliac occlusive disease. Journal of Vascular Surgery, 2018, 68, 1796-1804.e2.	1.1	40
20	Wall shear modulation of cytokines in early vein grafts. Journal of Vascular Surgery, 2004, 40, 345-350.	1.1	38
21	Preoperative dietary restriction reduces intimal hyperplasia and protects from ischemia-reperfusion injury. Journal of Vascular Surgery, 2016, 63, 500-509.e1.	1.1	38
22	A randomized trial of vonapanitase (PATENCY-1) to promote radiocephalic fistula patency and use for hemodialysis. Journal of Vascular Surgery, 2019, 69, 507-515.	1.1	33
23	Short-term preoperative protein restriction attenuates vein graft disease via induction of cystathionine Î³-lyase. Cardiovascular Research, 2020, 116, 416-428.	3.8	30
24	Total protein, not amino acid composition, differs in plant-based versus omnivorous dietary patterns and determines metabolic health effects in mice. Cell Metabolism, 2021, 33, 1808-1819.e2.	16.2	30
25	Improved outcomes with proximal radial-cephalic arteriovenous fistulas compared with brachial-cephalic arteriovenous fistulas. Journal of Vascular Surgery, 2017, 66, 1497-1503.	1.1	27
26	Impact of body mass index and gender on wound complications after lower extremity arterial surgery. Journal of Vascular Surgery, 2017, 65, 1713-1718.e1.	1.1	25
27	Systems Approach to Discovery of Therapeutic Targets for Vein Graft Disease: PPARÎ± Pivotally Regulates Metabolism, Activation, and Heterogeneity of Macrophages and Lesion Development. Circulation, 2021, 143, 2454-2470.	1.6	21
28	Strategies and outcomes for aortic endograft explantation. Journal of Vascular Surgery, 2019, 69, 80-85.	1.1	20
29	Cytokines and the early vein graft: Strategies to enhance durability. Journal of Vascular Surgery, 2007, 45, A92-A98.	1.1	19
30	Is Overnight Fasting before Surgery Too Much or Not Enough? How Basic Aging Research Can Guide Preoperative Nutritional Recommendations to Improve Surgical Outcomes: A Mini-Review. Gerontology, 2017, 63, 228-237.	2.8	19
31	A multicenter, prospective randomized trial of negative pressure wound therapy for infrainguinal revascularization with a groin incision. Journal of Vascular Surgery, 2021, 74, 257-267.e1.	1.1	18
32	Tumor necrosis factor-Î± and the early vein graft. Journal of Vascular Surgery, 2007, 45, 169-176.	1.1	17
33	Postanesthesia ultrasound facilitates creation of more preferred accesses without affecting access survival. Journal of Vascular Surgery, 2019, 69, 898-905.	1.1	16
34	Predictors and consequences of unplanned hospital readmission within 30Âdays of carotid endarterectomy. Journal of Vascular Surgery, 2014, 60, 77-84.	1.1	15
35	Cost-effectiveness of revascularization for limb preservation in patients with end-stage renal disease. Journal of Vascular Surgery, 2014, 60, 369-374.e1.	1.1	15
36	Interleukin-10 Fails to Modulate Low Shear Stressâ€“Induced Neointimal Hyperplasia. Journal of Surgical Research, 2002, 102, 110-118.	1.6	14

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37	Cost-effectiveness of Revascularization for Limb Preservation in Patients with Marginal Functional Status. Annals of Vascular Surgery, 2014, 28, 10-17.	0.9	13
38	Periprocedural Hydrogen Sulfide Therapy Improves Vascular Remodeling and Attenuates Vein Graft Disease. Journal of the American Heart Association, 2020, 9, e016391.	3.7	13
39	Patient comprehension necessary for informed consent for vascular procedures is poor and related to frailty. Journal of Vascular Surgery, 2021, 73, 1422-1428.	1.1	13
40	Plasma Hydrogen Sulfide Is Positively Associated With Post-operative Survival in Patients Undergoing Surgical Revascularization. Frontiers in Cardiovascular Medicine, 2021, 8, 750926.	2.4	12
41	The impact of vascular surgery wound complications on quality of life. Journal of Vascular Surgery, 2016, 64, 1780-1788.	1.1	11
42	Insights From a Short-Term Proteinâ€“Calorie Restriction Exploratory Trial in Elective Carotid Endarterectomy Patients. Vascular and Endovascular Surgery, 2019, 53, 470-476.	0.7	11
43	Intracellular H2S production is an autophagy-dependent adaptive response to DNA damage. Cell Chemical Biology, 2021, 28, 1669-1678.e5.	5.2	11
44	Impact of IL-1Î² on flow-induced outward arterial remodeling. Surgery, 2004, 136, 478-482.	1.9	8
45	Contemporary outcomes of a â€œsnuffbox firstâ€•hemodialysis access approach in the United States. Journal of Vascular Surgery, 2021, 74, 947-956.	1.1	8
46	Lack of interleukin-1 signaling results in perturbed early vein graft wall adaptations. Surgery, 2013, 153, 63-69.	1.9	6
47	Adipose phenotype predicts early human autogenous arteriovenous hemodialysis remodeling. Journal of Vascular Surgery, 2016, 63, 171-176.e1.	1.1	6
48	Association and interplay of surgeon and hospital volume with mortality after open abdominal aortic aneurysm repair in the modern era. Journal of Vascular Surgery, 2021, 73, 1593-1602.e7.	1.1	6
49	Local Adipose-Associated Mediators andÂAdaptations Following Arteriovenous Fistula Creation. Kidney International Reports, 2018, 3, 970-978.	0.8	5
50	The role of the Vascular Surgery Board in surgical education. Seminars in Vascular Surgery, 2019, 32, 5-10.	2.8	5
51	Saturday multidisciplinary hemodialysis access clinics to enhance patient care. Journal of Vascular Access, 2020, 21, 456-459.	0.9	5
52	TNF-Î± and Shear Stress-Induced Large Artery Adaptations. Journal of Surgical Research, 2007, 141, 299-305.	1.6	4
53	Local perivascular adiponectin associates with lower extremity vascular operative wound complications. Surgery, 2016, 160, 204-210.	1.9	4
54	Tilting at the tilted protease balance in arterial aneurysmal disease. Cardiovascular Research, 2017, 113, 1279-1281.	3.8	4

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55	Emergency intraoperative vascular surgery consultations at a tertiary academic center. Journal of Vascular Surgery, 2020, 71, 967-978.	1.1	4
56	Short-Term Pre-Operative Protein Caloric Restriction in Elective Vascular Surgery Patients: A Randomized Clinical Trial. Nutrients, 2021, 13, 4024.	4.1	4
57	Comparative analysis of open abdominal aortic aneurysm repair outcomes across national registries. Journal of Vascular Surgery, 2022, 75, 162-167.e1.	1.1	3
58	Changes in vascular surgery practice patterns 1Âyear into the COVID-19 pandemic. Journal of Vascular Surgery, 2021, 74, 683-684.	1.1	3
59	Contemporary outcomes of precision banding for high flow hemodialysis access. Journal of Vascular Access, 2023, 24, 1260-1267.	0.9	3
60	Contemporary indications for open abdominal aortic aneurysm repair in the endovascular era. Journal of Vascular Surgery, 2022, 76, 923-931.e1.	1.1	2
61	Vascular Access for Hemodialysis. , 2009, , 1861-1866.		0
62	Immobilized contrast-enhanced MRI: Gadolinium-based long-term MR contrast enhancement of the vein graft vessel wall. Magnetic Resonance in Medicine, 2011, 65, spcone-spcone.	3.0	0
63	Hemodialysis Graft Resistance Adjustment Device. Journal of Medical Devices, Transactions of the ASME, 2012, 6, .	0.7	0
64	Reduction in Mechanical Wall Strain Precedes Intimal Hyperplasia Formation in a Murine Model of Arterial Occlusive Disease. , 2013, , .		0
65	Early animal model evaluation of an implantable contrast agent to enhance magnetic resonance imaging of arterial bypass vein grafts. Acta Radiologica, 2018, 59, 1074-1081.	1.1	0
66	Invited commentary. Journal of Vascular Surgery, 2022, 75, 407.	1.1	0