

Hirotsugu Kurobe

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,281
citations

257101

24
h-index

214527

47
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all docs

72
docs citations

72
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-clinical Evolution of a Novel Transcatheter Bioabsorbable ASD/PFO Occluder Device. <i>Pediatric Cardiology</i> , 2022, , 1.	0.6	0
2	A case of nickel allergy after endovascular aortic repair. <i>Asian Cardiovascular and Thoracic Annals</i> , 2019, 27, 114-117.	0.2	4
3	Differential outcomes of venous and arterial tissue engineered vascular grafts highlight the importance of coupling long-term implantation studies with computational modeling. <i>Acta Biomaterialia</i> , 2019, 94, 183-194.	4.1	34
4	Appropriate Surgical Treatment of Symptomatic Primary Varicose Veins Decreases Systemic Inflammatory Biomarkers. <i>Annals of Vascular Diseases</i> , 2019, 12, 367-371.	0.2	4
5	Inhibition of Atherosclerotic Plaque Development by Oral Administration of Î±-Glucosyl Hesperidin and Water-Dispersible Hesperetin in Apolipoprotein E Knockout Mice. <i>Journal of the American College of Nutrition</i> , 2019, 38, 15-22.	1.1	25
6	Differentiation of Primary Cardiac Tumors from Metastatic Tumors by Non-invasive Cardiac Imaging. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 23-33.	0.0	0
7	Thoracic Endovascular Aortic Repair for Blunt Thoracic Aortic Injury: A Report of Three Cases in Which Surgeries Were Performed at Different Timings. <i>Case Reports in Surgery</i> , 2018, 2018, 1-6.	0.2	0
8	Magnetic Resonance Imaging of Shear Stress and Wall Thickness in Tissue-Engineered Vascular Grafts. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 465-473.	1.1	7
9	The ratio of contrast medium volume to estimated glomerular filtration rate as a predictor of contrast-induced nephropathy after endovascular aortic repair. <i>Journal of Medical Investigation</i> , 2018, 65, 116-121.	0.2	14
10	IF10. The Contrast Medium Volume to Estimated Glomerular Filtration Rate Ratio as a Predictor of Contrast-induced Nephropathy After Endovascular Aortic Repair. <i>Journal of Vascular Surgery</i> , 2017, 65, 36S.	0.6	0
11	Novel application and serial evaluation of tissue-engineered portal vein grafts in a murine model. <i>Regenerative Medicine</i> , 2017, 12, 929-938.	0.8	4
12	Acute pancreatitis caused by pancreatic ischemia after TEVAR combined with intentional celiac artery coverage and embolization of the branches of the celiac artery. <i>Journal of Surgical Case Reports</i> , 2017, 2017, rjx029.	0.2	8
13	Effects of Transplanted Human Cord Blood-Mononuclear Cells on Pulmonary Hypertension in Immunodeficient Mice and Their Distribution. <i>Journal of Medical Investigation</i> , 2017, 64, 43-49.	0.2	1
14	Aortic rupture due to radiation injury successfully treated with thoracic endovascular aortic repair. <i>Journal of Surgical Case Reports</i> , 2017, 2017, rjx092.	0.2	4
15	Management of Huge Arteriovenous Malformations of the Neck and Trunk. <i>The Japanese Journal of Phlebology</i> , 2017, 28, 91-97.	0.0	0
16	Ischemic Heart Disease -from Clinical Side-. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2017, 13, 210-213.	0.0	0
17	Long-term Results After Open Mitral Commissurotomy for a One-Month-Old Infant With Mitral Stenosis. <i>Journal of Medical Investigation</i> , 2017, 64, 187-191.	0.2	0
18	Contrast Medium Induced Nephropathy after Endovascular Stent Graft Placement: An Examination of Its Prevalence and Risk Factors. <i>Radiology Research and Practice</i> , 2016, 2016, 1-5.	0.6	16

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19	Thoracic endovascular aortic repair of a severely angulated aorta using a double-wire technique. <i>Journal of Surgical Case Reports</i> , 2016, 2016, rjw125.	0.2	4
20	Correlations of perioperative coagulopathy, fluid infusion and blood transfusions with survival prognosis in endovascular aortic repair for ruptured abdominal aortic aneurysm. <i>World Journal of Emergency Surgery</i> , 2016, 11, 29.	2.1	5
21	The pathophysiological role of oxidized cholesterols in epicardial fat accumulation and cardiac dysfunction: a study in swine fed a high caloric diet with an inhibitor of intestinal cholesterol absorption, ezetimibe. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 66-73.	1.9	15
22	Novel Bioresorbable Vascular Graft With Sponge-Type Scaffold as a Small-Diameter Arterial Graft. <i>Annals of Thoracic Surgery</i> , 2016, 102, 720-727.	0.7	43
23	Efficacy and Optimal Timing of Endovascular Treatment for Type B Aortic Dissection. <i>Annals of Vascular Diseases</i> , 2015, 8, 307-313.	0.2	13
24	A Case of Ruptured Aortic Arch Aneurysm Successfully Treated by Thoracic Endovascular Aneurysm Repair with Chimney Graft. <i>Case Reports in Surgery</i> , 2015, 2015, 1-5.	0.2	13
25	A Case Report on the Successful Treatment of <i>Streptococcus pneumoniae</i> -Induced Infectious Abdominal Aortic Aneurysm Initially Presenting with Meningitis. <i>Case Reports in Surgery</i> , 2015, 2015, 1-6.	0.2	2
26	Treatment with Aortic Stent Graft Placement for Stanford B-Type Aortic Dissection in a Patient with an Aberrant Right Subclavian Artery. <i>Case Reports in Vascular Medicine</i> , 2015, 2015, 1-5.	0.1	3
27	Development of Delirium in the Intensive Care Unit in Patients after Endovascular Aortic Repair: A Retrospective Evaluation of the Prevalence and Risk Factors. <i>Critical Care Research and Practice</i> , 2015, 2015, 1-5.	0.4	10
28	TGF β 1 Inhibition Blocks the Formation of Stenosis in Tissue-Engineered Vascular Grafts. <i>Journal of the American College of Cardiology</i> , 2015, 65, 512-514.	1.2	27
29	Comparison of the Biological Equivalence of Two Methods for Isolating Bone Marrow Mononuclear Cells for Fabricating Tissue-Engineered Vascular Grafts. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 597-604.	1.1	15
30	PPAR γ agonist attenuates inflammation in aortic aneurysm patients. <i>General Thoracic and Cardiovascular Surgery</i> , 2015, 63, 565-571.	0.4	31
31	Successful Surgical Repair of Aged Sinus Venosus Atrial Septal Defect with Partial Anomalous Pulmonary Venous Connection: A Case Report. <i>Journal of Cardiac Failure</i> , 2015, 21, S185.	0.7	0
32	Cilostazol, Not Aspirin, Prevents Stenosis of Bioresorbable Vascular Grafts in a Venous Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2003-2010.	1.1	17
33	Evaluation of remodeling process in small-diameter cell-free tissue-engineered arterial graft. <i>Journal of Vascular Surgery</i> , 2015, 62, 734-743.	0.6	52
34	Comparison of a Closed System to a Standard Open Technique for Preparing Tissue-Engineered Vascular Grafts. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 88-93.	1.1	23
35	Development of Small Diameter Nanofiber Tissue Engineered Arterial Grafts. <i>PLoS ONE</i> , 2015, 10, e0120328.	1.1	56
36	Iliac access conduit facilitates endovascular aortic aneurysm repair and ipsilateral iliofemoral bypass. <i>Journal of Medical Investigation</i> , 2014, 61, 204-207.	0.2	0

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37	Stem cells in tissue-engineered blood vessels for cardiac repair. , 2014, , 389-409.		1
38	Tissue Engineering in the Vasculature. Anatomical Record, 2014, 297, 83-97.	0.8	19
39	Vessel Regeneration and Bioengineering**Shuhei Tara and Ethan W. Dean contributed equally to the preparation of this manuscript and should be listed as cofirst authors.. , 2014, , 811-827.		3
40	Well-organized neointima of large-pore poly(l-lactic acid) vascular graft coated with poly(l-lactic-co-ε-caprolactone) prevents calcific deposition compared to small-pore electrospun poly(l-lactic acid) graft in a mouse aortic implantation model. Atherosclerosis, 2014, 237, 684-691.	0.4	75
41	Targeted imaging of matrix metalloproteinase activity in the evaluation of remodeling tissue-engineered vascular grafts implanted in a growing lamb model. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2227-2233.	0.4	19
42	Vessel Bioengineering. Circulation Journal, 2014, 78, 12-19.	0.7	76
43	Effects of ezetimibe on oxidized cholesterol components in epicardial fat and myocardium: a gas chromatography-mass spectrometry analysis. Atherosclerosis, 2014, 235, e113.	0.4	0
44	Techniques and results in the management of multiple muscular trabecular ventricular septal defects. General Thoracic and Cardiovascular Surgery, 2013, 61, 367-375.	0.4	4
45	Beneficial effect of a synthetic prostacyclin agonist, ONO-1301, in rat autoimmune myocarditis model. European Journal of Pharmacology, 2013, 699, 81-87.	1.7	7
46	Exendin-4, a glucagon-like peptide-1 receptor agonist, attenuates neointimal hyperplasia after vascular injury. European Journal of Pharmacology, 2013, 699, 106-111.	1.7	51
47	Role of macrophage-derived hypoxia-inducible factor (HIF)-1α as a mediator of vascular remodelling. Cardiovascular Research, 2013, 99, 705-715.	1.8	43
48	Complete but not partial thymectomy in early infancy reduces T-cell-mediated immune response: Three-year tracing study after pediatric cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 656-662.e2.	0.4	26
49	HMGB1 plays a critical role in vascular inflammation and lesion formation via toll-like receptor 9. Atherosclerosis, 2013, 231, 227-233.	0.4	70
50	Azelinidipine suppresses the progression of aortic aneurysm in wild mice model through anti-inflammatory effects. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 1501-1508.	0.4	25
51	Biaxial mechanical properties of the inferior vena cava in C57BL/6 and CB-17 SCID/bg mice. Journal of Biomechanics, 2013, 46, 2277-2282.	0.9	26
52	Protective effects of selective mineralocorticoid receptor antagonist against aortic aneurysm progression in a novel murine model. Journal of Surgical Research, 2013, 185, 455-462.	0.8	22
53	Epicardial Adipose Tissue Volume and Adipocytokine Imbalance Are Strongly Linked to Human Coronary Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1077-1084.	1.1	175
54	Delayed-onset severe heparin-induced thrombocytopenia after total arch replacement under cardiopulmonary bypass. Journal of Medical Investigation, 2013, 60, 154-158.	0.2	2

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55	Concise Review: Tissue-Engineered Vascular Grafts for Cardiac Surgery: Past, Present, and Future. <i>Stem Cells Translational Medicine</i> , 2012, 1, 566-571.	1.6	136
56	Gender disparities in the association between epicardial adipose tissue volume and coronary atherosclerosis: A 3-dimensional cardiac computed tomography imaging study in Japanese subjects. <i>Cardiovascular Diabetology</i> , 2012, 11, 106.	2.7	51
57	Telmisartan ameliorates insulin sensitivity by activating the AMPK/SIRT1 pathway in skeletal muscle of obese db/db mice. <i>Cardiovascular Diabetology</i> , 2012, 11, 139.	2.7	56
58	Activation of AMPK/Sirt1 pathway by telmisartan in white adipose tissue: A possible link to anti-metabolic effects. <i>European Journal of Pharmacology</i> , 2012, 692, 84-90.	1.7	21
59	Systemic Preconditioning by a Prolyl Hydroxylase Inhibitor Promotes Prevention of Skin Flap Necrosis via HIF-1-Induced Bone Marrow-Derived Cells. <i>PLoS ONE</i> , 2012, 7, e42964.	1.1	33
60	Coronary Atherosclerosis Is Associated With Macrophage Polarization in Epicardial Adipose Tissue. <i>Journal of the American College of Cardiology</i> , 2011, 58, 248-255.	1.2	338
61	Enhanced Inflammation in Epicardial Fat in Patients With Coronary Artery Disease. <i>International Heart Journal</i> , 2011, 52, 139-142.	0.5	151
62	Ezetimibe Monotherapy Ameliorates Vascular Function in Patients with Hypercholesterolemia Through Decreasing Oxidative Stress. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 1080-1089.	0.9	32
63	Successful early resection of cardiac papillary fibroelastomas. <i>General Thoracic and Cardiovascular Surgery</i> , 2011, 59, 191-194.	0.4	1
64	Functional restoration of endothelial cells of the cryopreserved heart valve. <i>General Thoracic and Cardiovascular Surgery</i> , 2011, 59, 169-174.	0.4	0
65	Role of Hypoxia-Inducible Factor 1 α in T Cells as a Negative Regulator in Development of Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 210-217.	1.1	31
66	Undiminished regulatory T cells in the thymus of patients with myasthenia gravis. <i>Neurology</i> , 2010, 74, 816-820.	1.5	37
67	Successful Implantations of Autologous Peripheral Blood-Derived Mononuclear Cells Pretreated by Erythropoietin and Blood Donation in a Patient with Buerger Disease and Intractable Finger Ulcers. <i>Japanese Journal of Cardiovascular Surgery</i> , 2010, 39, 29-33.	0.0	0
68	Renal Transplantation in a Patient with Uremic Cardiomyopathy Resulting in Marked Improvement of Cardiac Function. <i>Japanese Journal of Cardiovascular Surgery</i> , 2009, 38, 160-164.	0.0	0
69	Heparin Cofactor II is an Independent Protective Factor against Peripheral Arterial Disease in Elderly Subjects with Cardiovascular Risk Factors. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 127-134.	0.9	17
70	Syngeneic Bone Marrow Mononuclear Cells Improve Pulmonary Arterial Hypertension Through Vascular Endothelial Growth Factor Upregulation. <i>Annals of Thoracic Surgery</i> , 2009, 88, 418-424.	0.7	18
71	Significance of Peritoneal Fluid Drainage in Management After Repair of Complex Heart Defects in Infancy Cytokine Dynamics In Vivo. <i>Circulation Journal</i> , 2007, 71, 941-947.	0.7	5
72	CCR7-Dependent Cortex-to-Medulla Migration of Positively Selected Thymocytes Is Essential for Establishing Central Tolerance. <i>Immunity</i> , 2006, 24, 165-177.	6.6	260