

研究成果の刊行に関する一覧表
(平成21年度)

	発表者氏名	論文タイトル	発表誌名	巻号	ページ	出版年
43	Oyamada S, Kobayashi J, Tagusari O, Nakajima H, Nakamura S, Yagihara T, Kitamura S	:Is Diabetic Nephropathy a Predicted Risk Factor? - Kaplan-Meier and Multivariate Analysis of Confounding Risk Factors in off-Pump Coronary Artery Bypass Grafting for Chronic Dialysis Patients-	Circ J	73	2056-2060	2009
44	林 輝行、巽 英介、片桐伸将、水野敏秀、吉田幸太郎、八木原俊克	超低充填小児ECMOシステムの開発と基礎研究。	循環器病研究の進歩	(通巻49号):Vol. XXX	62-69	2009
45	八木原俊克	1枚のシェーマ「左室型の単心室に対する ventricular septation」	胸部外科	63(3)	198	2010
46	Min K.D., H., Asakura M. (19人略) _Kitakaze M	Identification of genes related to heart failure using global gene expression profiling of human failing myocardium.	Biochemical and Biophysical Research Communications	393	55-60	2010
47	Tsakamoto O., Fujita M. (9人略) Minamino T., Asakura M. (3人略) _Kitakaze M	Natriuretic peptides enhance the production of adiponectin in human adipocytes and in patients with chronic heart failure.	Journal of the American College of Cardiology	53(22)	2070-2077	2009
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1	Lee HS, Homma A, Tatsumi E, Taenaka Y	Observation of cavitation pits on mechanical heart valve surfaces in an artificial heart used in in vitro testing	J Artificial Organs	13	17-23	2010
2	Lee HS, Tatsumi E, Taenaka Y	Flow Visualization of a monoleaflet and bileaflet mechanical heart valve in a pneumatic ventricular assist device using a PIV system	ASAIO Journal	56(3)	186-193	2010
3	金城利晴、李 桓成、巽 英介、妙中義之、上村匡敬	二葉式機械弁を用いた空気駆動式補助人工心臓内部における流れの可視化	日本機械学会講演論文集	104(1)	18-9	2010
4	築谷朋典、巽 英介、妙中義之、大久保 剛、長田俊幸、山根隆志	体内埋め込み型補助人工心臓用軸流ポンプの生体適合性評価	第22回バイオエンジニアリング講演会講演論文集		55	2010
5	妙中義之	医療機器の研究開発の促進への取り組み-先端医療開発特区(スーパー特区)の構築-	医薬品医療機器レギュラトリーサイエンス	41(8)	611-617	2010
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7	大沼健太郎、本間章彦、住倉博仁、妙中義之、巽 英介、赤川英毅、武輪能明、水野敏秀、築谷朋典、片桐伸将、角田幸秀、下崎 勇生、向林 宏、片野一夫	空気駆動式人工心臓の流量推定に関する検討	電気学会研究会資料	LD-10	51-55	2010
8	本間章彦、住倉博仁、大沼健太郎、妙中義之、巽 英介、武輪能明、赤川英毅、水野敏秀、築谷朋典、片桐伸将、角田幸秀、福井康裕、下崎勇生、向林 宏、片野一夫	空気駆動式ウェアラブル全人工心臓システムの開発	電気学会研究会資料	LD-10	57-61	2010
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10	Sawa Y, Tatsumi E, Funakubo A, Horiuchi T, Iwasaki K, Kishida A, Masuzawa T, Matsuda K, Myoui A, Nishimura M, Nishimura T, Tomizawa Y, Tomo T, Yamaoka T, Watanabe H	Journal of Artificial Organs 2009: the year in review	J Artif Organs	13(1)	1-9	2010

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11	巽 英介	人工肺の研究開発・臨床応用	人工臓器2010 第26回日本人工臓器学会教育セミナー			2010
12	巽 英介	次世代型人工心臓の開発と臨床応用	応用物理	80(2)	110-115	2011
13	武輪能明	心室内形状を考慮した、心拍動下に装着可能な低侵襲性かつ抗血栓性補助循環脱血カニューラの開発	人工臓器	39(1)	38-39	2010
14	Kawada T, Shimizu S, Kamiya A, Sata Y, Uemura K, Sugimachi M.	Dynamic characteristics of baroreflex neural and peripheral arcs are preserved in spontaneously hypertensive rats.	Am J Physiol Regul Integr Comp Physiol.	300(1)	R155-R165	2011
15	Yamamoto H, Kawada T, Kamiya A, Miyazaki S, Sugimachi M. Auton Neurosci.	Involvement of the mechanoreceptors in the sensory mechanisms of manual and electrical acupuncture.	Auton Neurosci.	160(1-2)	27-31	2011
16	Kamiya A, Kawada T, Mizuno M, Shimizu S, Sugimachi M.	Parallel resetting of arterial baroreflex control of renal and cardiac sympathetic nerve activities during upright tilt in rabbits.	Am J Physiol Heart Circ Physiol.	298(6)	H1966-H1975	2010
17	Kawada T, Li M, Kamiya A, Shimizu S, Uemura K, Yamamoto H, Sugimachi M.	Open-loop dynamic and static characteristics of the carotid sinus baroreflex in rats with chronic heart failure after myocardial infarction.	J Physiol Sci.	60(4)	283-298	2010
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19	Sugimachi M, Sunagawa K, Uemura K, Shishido T.	Physiological significance of pressure-volume relationship: A load-independent index and a determinant of pump function.	Conf Proc IEEE Eng Med Biol Soc.	1	3553.	2010
20	Sugimachi M, Sunagawa K, Uemura K, Kamiya A, Shimizu S, Inagaki M, Shishido T.	Estimated venous return surface and cardiac output curve precisely predicts new hemodynamics after volume change.	Conf Proc IEEE Eng Med Biol Soc.	1	5205-5208	2010
21	sunagawa K, Sugimachi M.	Development of artificial bionic baroreflex system.	Conf Proc IEEE Eng Med Biol Soc.	1	3446-3448	2010
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24	S. Kakinoki and T. Yamaoka,	Stable modification of poly(lactic acid) surface with neurite outgrowth-promoting peptides via hydrophobic collagen-like sequence,	Acta Biomaterialia,	6	1925-1930	2010
25	A. Mahara and T. Yamaoka,	Antibody-immobilized column for quick cell separation based on cell rolling,	Biotechnology Progress	26(2)	441-447	2010
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27	A. Mahara and T. Yamaoka,	Continuous separation of cells of high osteoblastic differentiation potential from mesenchymal stem cells on an antibody-immobilized column,	Biomaterials,	31	4231-4237	2010
28	T. Ehashi, A. Nishigaito, T. Fujisato, Y. Moritan, and T. Yamaoka,	Peripheral nerve regeneration and electrophysiological recovery with CIP-treated allogeneic acellular nerve	J. Biomat. Sci.	22	627-640	2011
29	Y. Tachibana, J. Enmi, A. Mahara, H. Iida, and T. Yamaoka,	Design and characterization of a polymeric MRI contrast agent based on PVA for in vivo living-cell tracking	Contrast Media and Molecular Imaging,	5	309-317	2010
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32	Agudelo CA, Tachibana Y, Noboru T, Iida H, Yamaoka T.	Long term in vivo MRI tracking of endothelial progenitor cells transplanted in rat ischemic limbs and their angiogenic potential.	Tissue Eng Part A.	2011 Apr 6		2011

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