

**Assoc. Prof. Abdurrahman Kamuran
KADIPAŞAOĞLU**

Personal Information

Email: kamuran@yildiz.edu.tr

Web: <https://www.avesis.yildiz.edu.tr/kamuran>

Education Information

Doctorate, Clemson University, Turkey 1985 - 1989

Post Graduate, Bogazici University, Faculty Of Engineering, Makine Mühendisliği, Turkey 1981 - 1984

Under Graduate, Bogazici University, Faculty Of Engineering, Makine Mühendisliği, Turkey 1977 - 1981

Foreign Languages

French, C1 Advanced

Spanish, B1 Intermediate

English, C1 Advanced

Dissertations

Doctorate, Ultrastructural and Antigenic Composition of *Dirofilaria immitis* Cuticle: A Study in Nematode Hemocompatibility <https://libcat.clemson.edu:443/record=b1402775~S1>, Clemson University, Engineering, Bioengineering, 1989

Post Graduate, Computer-aided Calculation and Maximization of a Single-stage Gas Turbine Efficiency , Bogazici University, Institute Of Science, 1984

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology, Surgery Medicine Sciences, Cardiovascular System Surgery, Biomedical Engineering, Electrical and Electronics Engineering, Mathematics, Optimization, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty of Electrical & Electronics, Biomedical Engineering, 2017 - Continues

Associate Professor, Yildiz Technical University, Faculty of Mechanical Engineering, Department of Mechatronics Engineering, 2015 - 2017

Instructor, Bogazici University, Institute Of Biomedical Engineering, Department Of Prostheses Materials And Artificial Organs, 2014 - 2015

Professor, University of Pittsburgh, Cerrahi, Göğüs-Kalp-Damar Cerrahisi, 2006 - 2007

Instructor, University of Houston, Engineering, Mechanical Engineering, 2005 - 2006

Lecturer, The University of Texas at Austin, Medicine, Internal Medicine, 1991 - 2006

Professional Experience

Head of Department, Yildiz Technical University, Faculty of Electrical & Electronics, Biomedical Engineering, 2016 - 2017

Head of Department, University of Pittsburgh, University of Pittsburgh Medical Center, Cardiac Surgery Research, 2006 - 2007

Deputy Head of Department, St. Luke's Episcopal Hospital, Texas Heart Institute, CV Research Laboratory, 1989 - 2006

Courses

Computer Aided Design, Under Graduate, 2018 - 2019

System Estimation, Under Graduate, 2017 - 2018, 2018 - 2019

Introduction to Biomedical Engineering, Under Graduate, 2018 - 2019, 2019 - 2020

Modeling & Control in Biomedical Systems , Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018

Engineering Mechanics Part II: Dynamics, Under Graduate, 2015 - 2016, 2017 - 2018

Introduction to Control Engineering, Under Graduate, 2018 - 2019

System Dynamics: Modeling & Simulation, Post Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Introduction to Mechatronics Engineering, Under Graduate, 2016 - 2017, 2017 - 2018

System Dynamics: Modeling & Simulation, Under Graduate, 2016 - 2017

Mechatronics for Control Engineers , Under Graduate, 2016 - 2017, 2017 - 2018

Medical Mechatronics, Under Graduate, 2015 - 2016

Engineering Mechanics Part I: Statics, Under Graduate, 2015 - 2016

Advising Theses

Kadıpaşaoğlu A. K. , Öztürk C., Design of a cardiovascular simulation circuit driven by time varying elastance, Post Graduate, D.ONUR(Student), 2017

KADIPAŞAOĞLU A. K. , Kalp Kası Elastansının Modellenmesi, Post Graduate, M.İşcan(Student), 2016

Kadıpaşaoğlu A. K. , Design of a platform for physical performance testing of an axial-flow left-ventricular assist device, Post Graduate, İ.BAŞAR(Student), 2014

Kadıpaşaoğlu A. K. , Özharar S., Validation of the first Turkish axial-flow left-ventricular assist device using particle image velocimetry (PIV), Post Graduate, S.DADGAR(Student), 2014

Kadıpaşaoğlu A. K. , Computational fluid dynamic analysis of axial-flow left-ventricular assist device, Post Graduate, K.TOPTOP(Student), 2013

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study**

Rudyanto R. D. , Kerkstra S., van Rielwort E. M. , Fetita C., Brillet P., Lefevre C., Xue W., Zhu X., Liang J., Oksuz I., et al.

MEDICAL IMAGE ANALYSIS, vol.18, pp.1217-1232, 2014 (Journal Indexed in SCI)

- **Design and Numeric Evaluation of a Novel Axial-Flow Left Ventricular Assist Device**

Toptop K., Kadipasaoglu K. A.

ASAIO JOURNAL, vol.59, pp.230-239, 2013 (Journal Indexed in SCI)

- **Continuous flow total artificial heart: Modeling and feedback control in a mock circulatory system**

Khalil H. A. , Kerr D. T. , Franchek M. A. , Metcalfe R. W. , Benkowski R. J. , Cohn W. E. , TUZUN E., RADOVANCEVIĆ B., Frazier O. H. , Kadipasaoglu K. A.

ASAIO JOURNAL, vol.54, pp.249-255, 2008 (Journal Indexed in SCI)

- **Total heart replacement using dual intracorporeal continuous-flow pumps in a chronic bovine model: A feasibility study**

FRAZIER O., TUZUN E., COHN W., CONGER J., Kadipasaoglu K.

ASAIO JOURNAL, vol.52, pp.145-149, 2006 (Journal Indexed in SCI)

- **Dual continuous flow pumps for total heart replacement**

Frazier O. H. , Tuzun E., GEMMATO C., Cohn W. E. , Kadipasaoglu K., RADOVANCEVIĆ B.

- **Part 1: Principles of research on pulsatile and nonpulsatile perfusion during chronic support [2] (multiple letters)**
Ündar A., Rosenberg G., Myers J. L. , Kadipasaoglu K. A. , Tuzun E.
ASAIO Journal, vol.51, pp.303-306, 2005 (Journal Indexed in SCI Expanded)
- **Total heart replacement with dual centrifugal ventricular assist devices**
FRAZIER O., TUZUN E., COHN B., TAMEZ D., KADIPAŞAOĞLU A. K.
ASAIO JOURNAL, vol.51, pp.224-229, 2005 (Journal Indexed in SCI)
- **The effect of intermittent low speed mode upon aortic valve opening in calves supported with a jarvik 2000 axial flow device**
Tuzun E., Gregoric I., Conger J., Golden K., Jarvik R., Frazier O., Kadipasaoglu K.
ASAIO JOURNAL, vol.51, pp.139-143, 2005 (Journal Indexed in SCI)
- **Evaluation of myocardial function in patients with end-stage heart failure during support with the Jarvik 2000 left ventricular assist device**
Ferrari M., Kadipasaoglu K., Croitoru M., Conger J., Myers T., Gregoric I., Radovancevic B., Letsou G., Frazier O.
JOURNAL OF HEART AND LUNG TRANSPLANTATION, vol.24, pp.226-228, 2005 (Journal Indexed in SCI)
- **RE: Gregoric ID, Frazier OH, Tamez D, et al: Thrombogenicity of mechanical aortic valves in an animal model: Site specific testing is crucial. ASAIO J 50: 376-380, 2004 [1] (multiple letters)**
Bianco R. W. , Kadipasaoglu K., Gregoric I. D. , Frazier O.
ASAIO Journal, vol.51, pp.121-122, 2005 (Journal Indexed in SCI)
- **Effect of pump flow mode of novel left ventricular assist device upon end organ perfusion in dogs with doxorubicin induced heart failure**
EYA K., TUZUN E., CONGER J., CHEE H., Byler D., Nojiri C., Frazier O., Kadipasaoglu K.
ASAIO JOURNAL, vol.51, pp.41-49, 2005 (Journal Indexed in SCI)
- **Biventricular support with the Jarvik 2000 ventricular assist device in a calf model of pulmonary hypertension**
KİNDÖ M., Radovancevic B., GREGORİC I., Conger J., Kadipasaoglu K., Tamez D., Moore S., Golden K., Robert K., Frazier O.
ASAIO JOURNAL, vol.50, pp.444-450, 2004 (Journal Indexed in SCI)
- **Thrombogenicity of mechanical aortic valves in an animal model: Site specific testing is crucial**
Gregoric I., Frazier O., Tamez D., Tuzun E., Shah N., Clubb F., Chee H., Eya K., Byler D., Conger J., et al.
ASAIO JOURNAL, vol.50, pp.376-380, 2004 (Journal Indexed in SCI)
- **Baseline hemodynamic and echocardiographic indices in anesthetized calves**
Chee H., Tuzun E., Ferrari M., Conger J., Stainback R., Hernandez A., Bruno N., Shah N., Tamez D., Eya K., et al.
ASAIO JOURNAL, vol.50, pp.267-271, 2004 (Journal Indexed in SCI)
- **Preclinical hemodynamic assessment of a new trileaflet mechanical valve in the aortic position in a bovine model**
GREGORIC I. D. , EYA K., TAMEZ D., CERVERA R., BYLER D., CONGER J., TUZUN E., CHEE H. K. , CLUBB F. J. , KADIPAŞAOĞLU A. K. , et al.
JOURNAL OF HEART VALVE DISEASE, vol.13, pp.254-259, 2004 (Journal Indexed in SCI)
- **Preclinical assessment of a trileaflet mechanical valve in the mitral position in a calf model**
Igor G., Jeff L C., Helmut R., Daniel T., Fred J C., Raymond F S., Antonieta H., Roberto C., Kazuhiro E., Denise B., et al.
Annals Of Thoracic Surgery, vol.77, pp.196-202, 2004 (Journal Indexed in SSCI)
- **Transmyocardial laser revascularization as an adjunct to coronary artery bypass grafting A randomized multicenter study with 4yearfollowup**
Frazier O., Tuzun, E., Eichstadt H., Boyce S., Lansing, A., March R., Sartori M., KADIPAŞAOĞLU A. K.
Texas Heart Institute Journal, vol.31, pp.231-239, 2004 (Journal Indexed in SCI Expanded)
- **Myocardial hemodynamics, physiology, and perfusion with an axial flow left ventricular assist device in the calf**
Tuzun E., EYA K., CHEE H., CONGER J., BRUNO N., FRAZIER O., Kadipasaoglu K.
ASAIO JOURNAL, vol.50, pp.47-53, 2004 (Journal Indexed in SCI)
- **Ex vivo resuscitation of adult pig hearts**

Rosenstrauch D., Akay H. M. , Bolukoglu H., Behrens L., Bryant L., Herrera P., Eya K., Tuzun E., Clubb Jr. F. J. , Radovancevic B., et al.

Texas Heart Institute Journal, vol.30, pp.121-127, 2003 (Journal Indexed in SCI)

- **Off-pump coronary artery bypass grafting and transmyocardial laser revascularization: Via a left thoracotomy**

Gregoric I., Messner G., Couto W. J. , Sartori M., Cervera R., Kadipasaoglu K., Frazier O.

Texas Heart Institute Journal, vol.30, pp.13-18, 2003 (Journal Indexed in SCI)

- **Intravascular detection of myocardial ischaemia by spectrometry in the near infrared spectrum in the animal** *Détection intravasculaire de l'ischémie myocardique par la spectrométrie dans le proche infrarouge en expérimentation animale*

Baykut D., Guller U., Gebhard M., Kadipasaoglu K., Zerkowski H., Frazier O.

Archives des Maladies du Coeur et des Vaisseaux, vol.94, pp.995-1000, 2001 (Journal Indexed in SCI Expanded)

- **Sustained angina relief 5 years after transmyocardial laser revascularization with a CO2 laser**

Horvath K., Aranki S., Cohn L., March R., Frazier O., Kadipasaoglu K., Boyce S., Lytle B., Landolfo K., Lowe J., et al.

Circulation, vol.104, 2001 (Journal Indexed in SCI)

- **Online detection of myocardial ischemia by near infrared spectroscopy with a fiberoptic catheter**

Baykut D., Gebhard M., Bolukoglu H., KADIPAŞAOĞLU A. K. , Hennes S., Frazier O., Krian A.

The Thoracic and cardiovascular surgeon, vol.49, pp.162-166, 2001 (Journal Indexed in SCI Expanded)

- **Sustained angina relief five years after transmyocardial revascularization with a CO2 laser**

Horvath K., Aranki S., Cohn L., March R., Frazier O., KADIPAŞAOĞLU A. K. , Boyce S., Lytle B., Lansing A.

Circulation, vol.104, pp.81-84, 2001 (Journal Indexed in SCI Expanded)

- **Ex vivo resuscitation of porcine hearts**

Herrera P., Rosenstrauch D., Akay H., Inman R., Beyer E., Frazier O., Radovanevie B., Kadipasaoglu K.

ASAIO Journal, vol.46, pp.166, 2000 (Journal Indexed in SCI Expanded)

- **Transmyocardial laser revascularisation (multiple letters) [1]**

McMurray J., Horvath K., Kadipasaoglu K., Lansing A., Moosdorf R., Hetzer R., Krabatsch T., Schofield P., Sharples L., Caine N., et al.

Lancet, vol.353, pp.1704-1707, 1999 (Journal Indexed in SCI)

- **Transmyocardial Laser Revascularization Effect of Laser Parameters on Tissue Ablation and Cardiac Perfusion**

KADIPAŞAOĞLU A. K. , Frazier O.

SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY, vol.11, pp.4-11, 1999 (Journal Indexed in SSCI)

- **Transmyocardial laser revascularization as a new therapeutic option for refractory coronary artery occlusive disease**

Frazier O., Kadipasaoglu K.

European Heart Journal, vol.19, pp.1420, 1998 (Journal Indexed in SCI)

- **Transmyocardial laser revascularization: Does it have a role in the treatment of ischemic heart disease?**

Frazier O., Kadipasaoglu K. A. , Cooley D. A.

Texas Heart Institute Journal, vol.25, pp.24-29, 1998 (Journal Indexed in SCI)

- **Transmyocardial Laser Revascularization in Allograft Coronary Artery Disease**

Frazier O., KADIPAŞAOĞLU A. K. , Radovancevic B., Cihan H. B. , Robert J M., Mahmood M., Denton A C.

Annals Of Thoracic Surgery, vol.65, pp.1138-1141, 1998 (Journal Indexed in SSCI)

- **Transmyocardial Laser Revascularization Histopathological Findings**

Dedic K., Klima T., Cooley D., Frazier O., KADIPAŞAOĞLU A. K. , Cihan H.

Cardiovascular Pathology, vol.7, pp.63-67, 1998 (Journal Indexed in SSCI)

- **Refractory angina pectoris in end stage coronary artery disease Evolving therapeutic concepts**

Frank C S., OHoward F., Gilian AJ J., Jongste Mike D., KADIPAŞAOĞLU A. K. , Thomas W J., Matthias P H., Denton A C., Bodo E S., Matthias L.

American Heart Journal, vol.134, pp.587-602, 1997 (Journal Indexed in SSCI)

- **Revascularization procedures in patients with transplant coronary artery disease**

VS P., Branislav R., Bill S., Frazier O., Massin E., Benrey J., KADIPAŞAOĞLU A. K. , Cooley D.

European journal of cardio-thoracic surgery, vol.11, pp.895-901, 1997 (Journal Indexed in SCI Expanded)

- **Transmyocardial laser revascularization Results of a multicenter trial with transmyocardial laser revascularization used as sole therapy for end stage coronary artery disease**
Keith A H., Lawrence H C., Denton A C., John R C., OHoward F., Bartley P G., KADIPAŞAOĞLU A. K. , Allan L., Finn M., Robert M., et al.
Journal Of Thoracic And Cardiovascular Surgery, vol.113, pp.645-654, 1997 (Journal Indexed in SSCI)
- **Laser Tissue Interaction During Transmyocardial Laser Revascularization**
EDuco J., Martin F., KADIPAŞAOĞLU A. K. , TJoshua P., Hans J A., Massoud M., Ashley J W.
Annals Of Thoracic Surgery, vol.63, pp.640-647, 1997 (Journal Indexed in SSCI)
- **Long and shortterm effects of transmyocardial laser revascularization in acute myocardial ischemia**
KADIPAŞAOĞLU A. K. , Pehlivanoglu S., Conger J., Sasaki E., deVillalobos D., Cloy M., Clubb F., Cooley D., Frazier O.
Lasers In Surgery And Medicine, 1997 (Journal Indexed in SCI Expanded)
- **PTCA in angulated segments: Effects of balloon material, balloon length, and inflation sequence on straightening forces in an in vitro model**
Barasch E., Conger J. L. , Kadipasaoglu K. A. , Peters J. J. , Nesdahl K., Fenimore J. G. , Wilson J. M. , Vaughn W. K. , Ferguson J. J.
Catheterization and Cardiovascular Diagnosis, vol.39, pp.207-213, 1996 (Journal Indexed in SCI)
- **Transmyocardial laser revascularization Clinical experience with twelve month follow up**
Denton A C., OH F., KADIPAŞAOĞLU A. K. , Matthias H L., Seckin P., Jeffrey W K., Susan W., Warren H M.
Journal Of Thoracic And Cardiovascular Surgery, vol.111, pp.791-799, 1996 (Journal Indexed in SSCI)
- **Low dose dobutamine echocardiography thallium scintigraphy and 18 fluorodeoxglucose positron emission tomography for detection of myocardial viability in chronic coronary artery disease**
Eddy B., KADIPAŞAOĞLU A. K. , Warren H M., K Lance G., Seckin P., Denton A C., O Howard F., William K V.
Journal Of The American Society Of Echocardiography, vol.8, pp.408, 1995 (Journal Indexed in SSCI)
- **MYOCARDIAL REVASCULARIZATION WITH LASER PRELIMINARY FINDINGS**
FRAZIER O., COOLEY D., KADIPAŞAOĞLU A. K. , PEHLIVANOGLU S., LINDENMEIR M., BARASCH E., CONGER J., WILANSKY S., MOORE W.
Circulation, vol.92, pp.58-65, 1995 (Journal Indexed in SCI Expanded)
- **Simultaneous evaluation of cardiac wall motion and myocardial ischemic injury by measurement of electrical impedance**
Sasaki A., Conger J., KADIPAŞAOĞLU A. K. , Pehlivanoglu S., Frazier O.
Asaio Journal, vol.40, pp.846-849, 1994 (Journal Indexed in SCI Expanded)
- **Transmyocardial laser revascularization Anatomic evidence of long term channel patency**
Cooley D. A. , Frazier O., KADIPAŞAOĞLU A. K. , Pehlivanoglu S., Shannon R. L. , Angelini P.
Texas Heart Institute Journal, vol.21, pp.220-224, 1994 (Journal Indexed in SCI Expanded)
- **DETERMINATION OF THE ROLE OF CUTICULAR CARBOHYDRATES IN THE HEMOCOMPATIBILITY OF DIROFILARIA-IMMITIS (NEMATODA)**
KADIPAŞAOĞLU A. K. , Bilge F., Baier R. E.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, vol.27, pp.207-216, 1993 (Journal Indexed in SCI)
- **An ex vivo model for the reperfusion of explanted human hearts**
Kadipasaoglu K., Bennink G., Conger J., Birovljev S., Sartori M., Clubb Jr. F., Noda H., Ferguson J., Frazier O.
Texas Heart Institute Journal, vol.20, pp.33-39, 1993 (Journal Indexed in SCI)
- **Human intraperitoneal response to a left ventricular assist device with a Ti-6Al-4V alloy surface**
Capek P., Kadipasaoglu K., Radovancevic B., Furusho N., Clubb Jr. F., Myers T., Duncan J., McAllister Jr. H., Frazier O.
ASAIO Journal, vol.38, 1992 (Journal Indexed in SCI Expanded)
- **Preliminary results of intraoperative excimer laser angioplasty: Phase 1: An adjunct to coronary artery bypass surgery**
Frazier O., Diethrich E. B. , Johansson B., Conger J. L. , Burnett C. M. , Bylock A., Kadipasaoglu K. A.
Lasers in Surgery and Medicine, vol.12, pp.7-12, 1992 (Journal Indexed in SCI)
- **Surface characterization of the cuticle of dirofilaria immitis**
Bilge F. H. , Kadipasaoglu K. A. , McCormick C. M. , Baier R. E.
Journal of Biomedical Materials Research, vol.23, pp.1027-1047, 1989 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Kronik Kalp Yetmezliğinde Mekanik Dolaşım Desteğinin Kısa Öyküsü**
KADIPAŞAOĞLU A. K.
Türkiye Klinikleri Journal of Cardiovascular Surgery Special Topics, vol.8, pp.1-36, 2016 (Other Refereed National Journals)
- **Intravascular detection of ischemia by near-infrared spectroscopy**
Baykut D., Kadipasaoglu K. A. , Bölükoglu H., Gebhard M., Frazier O. H. , Zerkowski H.
Asian Cardiovascular and Thoracic Annals, vol.9, pp.296-301, 2001 (Refereed Journals of Other Institutions)
- **Near-infrared spectroscopy of coronary sinus blood for myocardial ischemia detection**
Baykut D., Gebhard M., Kadipasaoglu K., Frazier O., Zerkowski H.
Cardiovascular Engineering, vol.5, pp.276-281, 2000 (Refereed Journals of Other Institutions)
- **In vitro ablation of human aorta under saline and blood with the Holmium:YAG laser**
Kadipasaoglu K., Rastegar S., Sartori M., Watson L., Clubb -Jr. F., Conger J., Hare W., Edelen B., Moore M., Frazier O.
Lasers in the Life Sciences, vol.5, pp.95-112, 1992 (Refereed Journals of Other Institutions)
- **Development of a clinically relevant canine model of postperfusion syndrome**
Baldwin R. T. , Kadipasaoglu K. A. , Radovancevic B., Gordon L. L. , Furusho N., Matsuwaka R., Conger J. L. , Parnis S. M. , Hare W. D. , Clubb F. J. , et al.
ASAIO Transactions, vol.37, 1991 (Refereed Journals of Other Institutions)
- **Partial characterization of the adsorbed protein layer on *Dirofilaria immitis* (Nematoda) cuticle**
Kadipasaoglu A. K. , Bilge F.
Parasitology Research, vol.75, pp.554-558, 1989 (Refereed Journals of Other Institutions)

Books & Book Chapters

- **Mekanik Dolaşım Desteğinin Tarihçesi**
Kadipaşaoğlu A. K.
in: Kalp Yetmezliğinde Mekanik Dolaşım Desteği, Ömer Bayezid, Editor, Akdeniz Üniversitesi Yayınları, Antalya, pp.16-157, 2015
- **Biyomedikal Mühendisliği Nedir**
Kadipaşaoğlu A. K.
in: Biyomedikal Mühendisliğin Temelleri, Musa Hakan Asyalı, Sadık Kara, Bülent Yılmaz, Editor, Nobel Yayın Dağıtım, Ankara, pp.1-15, 2014
- **Histopathological Effects of Transmyocardial Laser Revascularization on Myocardium: Assessment of Channel Patency**
KADIPAŞAOĞLU A. K. , Tuzun E., Frazier O.
in: Myocardial Laser Revascularization, C.R. Bridges, K.A. Horvath, R.C. Chiu, , Editor, Blackwell Publishing, pp.48-64, 2006
- **Scientific and Historic Precedents**
Frazier O., Bergheim M., KADIPAŞAOĞLU A. K.
in: Myocardial Laser Revascularization, C.R. Bridges, K.A. Horvath, R.C. Chiu, Editor, Blackwell Publishing, pp.1-15, 2006
- **Auricular Cartilage Tissue Engineering**
Doreen R., KADIPAŞAOĞLU A. K. , Shelath H., Zoldhelyi P., Frazier O.
in: Tissue Engineering and Novel Delivery Systems, Michael J. Yaszemski ve Donald L. Wise, Editor, Marcel Dekker, 264, pp.253-264, 2003
- **Management of Refractory Angina not Amenable to Conventional Therapy**
Frazier O., Tuzun E., KADIPAŞAOĞLU A. K.
in: Surgery of Coronary Artery Disease, D.J. Wheatley, Editor, Hodder Arnold, Londra, pp.383-393, 2003
- **Long- and Short-term effects of TMLR in Acute Myocardial Ischemia**
Kadipaşaoğlu A. K.
in: Transmyocardial Laser Revascularization - Present Status and Developments, Krabatsch T, Hetzer R, Editor,

Ecomed Landsberg, Berlin, pp.35-48, 2000

- **Acute and Chronic Effects of TMR in Canine Acute Ischemia and Correlations with the Outcomes of Clinical Trials**

Kadıpaşaoğlu A. K.

in: Transmyocardial Laser Revascularization - Present Status and Developments, Krabatsch T, Hetzer R, Editor, Ecomed Landsberg, Berlin, pp.81-98, 2000

- **Transmyocardial Laser Revascularization**

Kadıpaşaoğlu A. K.

in: Ischemic Heart Disease: Surgical Management, Buxton B, Frazier OH, Westaby S., Editor, Mosby-Wolf, London, pp.415-422, 1999

- **Biomaterials Used in Cardiac Surgery**

KADIPAŞAOĞLU A. K. , Frazier O., Parnis S., Radovancevic B.

in: Implantation Biology The Host and Biomedical Devices, R.S. Greco, Editor, CRC Press Inc., Ann Arbor, pp.165-187, 1994

Refereed Congress / Symposium Publications in Proceedings

- **Bir Dolaşım Sistemi Simülasyonu Devresinin Egzersiz Durumunda Geribeslemeli Kontrolü**

Urgan A., Arsoy D. O. , Kadıpaşaoğlu A. K.

TOK 2019 Ulusal Kongresi, Muğla, Turkey, 11 - 14 September 2019, pp.85-90

- **Kalp-Damar Sistemi Elektrik Analog Devresinin Optimal Kontrolü**

KADIPAŞAOĞLU A. K. , Balkan G.

TOK 2017, İstanbul, Turkey, 21 - 24 September 2017, pp.354-361

- **Optimization of the heart pump geometry based on multiple gradient descent algorithm Kalp pompası geometrik optimizasyonunun çoklu gradyan algoritması tabanında modellenmesi**

İŞCAN M., Kadipasaoglu K.

2017 Electric Electronics, Computer Science, Biomedical Engineerings' Meeting, EBBT 2017, İstanbul, Turkey, 20 - 21 April 2017

- **ROTOR and DIFFUSER OPTIMIZATION of a NOVEL AXIAL FLOW LEFT VENTRICULAR ASSIST DEVICE**

İŞCAN M., KADIPAŞAOĞLU A. K.

The 3rd International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.1

- **Mathematical Model of a Cardiovascular Mock Circuit: Design and Validation**

ARISOY D. O. , KADIPAŞAOĞLU A. K.

International Conference of Engineering and Natural Sciences (ICENS) 2017, 3 - 05 May 2017, pp.570

- **Automated aortic supra-valvular sinus detection in conventional computed tomography image Bilgisayarlı tomografi görüntülerinde otomatik aortik kapaküstü bölgesi tanımlama**

Ünay D., Harmankaya I., Öksüz I., Kadipasaoglu K., Çubuk R., Çelik L.

2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Turkey, 24 - 26 April 2013

- **Region growing on frangi vesselness values in 3-D CTA data 3-BOYUTLU bt anjiyografi verilerinde frangi damarlık yöntemi üzerine bölge büyütme yaklaşımı**

Öksüz I., Ünay D., Kadipasaoglu K.

2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Turkey, 24 - 26 April 2013

- **Transmyocardial revascularization using a synchronized CO2 laser as adjunct to coronary artery bypass grafting Results of a prospective randomized multicenter trial with 12 month followup**

Frazier O., Boyce S., Griffith B., Hattler B., KADIPAŞAOĞLU A. K. , Lansing A., March R.

American Heart Association, 19 - 21 November 1999, vol.100, pp.248

- **Transmyocardial laser revascularization (TMLR) at the Texas Heart Institute**

Kadipasaoglu K. A. , Frazier O., Stutts L., Cihan H., Cooley D.

Proceedings of the 1998 17th Southern Biomedical Engineering Conference, San-Antonio, Northern Mariana Islands, 6 - 08 February 1998, pp.101

- **Physiologic pulsatile cardiopulmonary bypass pump system for neonates and infants**

Undar A., Inman R., Kadipasaoglu K., Frazier O., Fraser Jr. C. D.

Proceedings of the 1998 17th Southern Biomedical Engineering Conference, San-Antonio, Northern Mariana Islands, 6 - 08 February 1998, pp.128

- **Laser-tissue interaction during transmyocardial laser revascularization**

Jansen E., Frenz M., Kadipasaoglu K. A. , Pfefer T., Altermatt H. J. , Motamedi M., Welch A. J.

Lasers in Surgery: Advanced Characterization, Therapeutics, and Systems VI, San-Jose, Costa Rica, 27 - 30 January 1996, vol.2671, pp.49-57

Citations

Total Citations (WOS):1174

h-index (WOS):15