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Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Kardiyoloji, Turkey 1994 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Trombolitik tedavinin distal mikrosirkülasyona etksi Bir koroner içi basınç ölçüm çalışması, Istanbul University, Istanbul Medical Faculty, Kardiyoloji Abd, 2001

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Cardiovascular

Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Kardiyoloji, 2012 - Continues

Associate Professor, Istanbul University, Istanbul Medical Faculty, Kardiyoloji, 2006 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Intracoronary electrocardiogram detects coronary microvascular dysfunction and ischemia in patients with no obstructive coronary arteries disease**
Cevik E., Tas A., Demirtakan Z. G., Damman P., Alan Y., Broyd C. J., Ozcan A., Simsek D. H., Sonsoz M. R., Royen N. v., et al.
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- II. **Coronary microcirculation in nonculprit vessel territory in reperfused acute myocardial infarction**
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- III. **Gradual Versus Abrupt Reperfusion During Primary Percutaneous Coronary Interventions in ST-Segment-Elevation Myocardial Infarction (GUARD)**
Sezer M., Escaned J., Broyd C. J., Umman B., Bugra Z., Ozcan I., Sonsoz M. R., Ozcan A., Atici A., Aslanger E., et al.
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- IV. **Validation of the adjusted global antiphospholipid syndrome score in a single centre cohort of APS patients from Turkey.**
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- V. **Reducing Aortic Barotrauma and Vascular Extracellular Matrix Degradation by Pacemaker-Mediated QRS Widening**
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- VI. **Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy**
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- VII. **Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserve-Guided Strategy in Patients With or Without Type 2 Diabetes: A Secondary Analysis of a Randomized Clinical Trial**
Lee J. M., Choi K. H., Koo B., Dehbi H., Doh J., Nam C., Shin E., Cook C. M., Al-Lamee R., Petraco R., et al.
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- VIII. **Fibrinolytic Therapy to Reduce Microvascular Obstruction After Myocardial Infarction**
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- IX. **Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment**
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- X. **Coronary Microvascular Injury in Reperfused Acute Myocardial Infarction: A View From an Integrative Perspective**
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- XI. **New Mathematical Correction Model in Pursuit of Optimal Hemodynamic Assessment of Serial Coronary Artery Disease: Overcoming Hyperemic Cross Talk Between Coronary Stenoses in Series?**
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- XII. **Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes**
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- XIII. **Glycoprotein Ib alpha Kozak polymorphism in patients presenting with early-onset acute coronary syndrome**
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- XIV. **Hyperaemic microvascular resistance predicts clinical outcome and microvascular injury after myocardial infarction**
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- XV. **Spectroelectrochemical insights into structural and redox properties of immobilized endonuclease III and its catalytically inactive mutant**
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- XVI. **Relationship of CTLA4 and CD28 polymorphisms with lung involvement, HRCT findings and pulmonary function tests in Turkish patients with ankylosing spondylitis**
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- XVII. **Invasive Assessment of the Coronary Microcirculation in Reperfused ST-Segment-Elevation Myocardial Infarction Patients**
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- XVIII. **Redox induced protonation of heme propionates in cytochrome c oxidase: Insights from surface enhanced resonance Raman spectroscopy and QM/MM calculations**
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- XIX. **Bimodal Pattern of Coronary Microvascular Involvement in Diabetes Mellitus**
Sezer M., Kocaaga M., Aslanger E., Atici A., Demirkiran A., Bugra Z., Umman S., Umman B.
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- XX. **High blood pressure: An obscuring misnomer?**
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ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.9, pp.713-719, 2016 (SCI-Expanded)
- XXI. **Surface Enhanced Resonance Raman Spectroscopy Reveals Potential Induced Redox and Conformational Changes of Cytochrome c Oxidase on Electrodes**
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- XXII. **Effects of body position on sleep architecture and quality in subsyndromal adults without apparent obstructive sleep apnea**
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- XXIII. **Spectroscopic Observation of Calcium-Induced Reorientation of Cellobiose Dehydrogenase Immobilized on Electrodes and its Effect on Electrocatalytic Activity**
Kielb P., SEZER M., Katz S., Lopez F., Schulz C., Gorton L., Ludwig R., Wollenberger U., Zebger I., Weidinger I. M.
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- XXIV. **Geriatric patients with known acute kidney injury and normal renal function at the time of admittance to the intensive care unit/assessment of RRT requirement and mortality: retrospective case-control study**
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- XXV. **Use of PET-CT for the assessment of treatment results in patients with sarcoidosis**
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- XXVII. **NirN Protein from Pseudomonas aeruginosa is a Novel Electron-bifurcating Dehydrogenase Catalyzing the Last Step of Heme d(1) Biosynthesis**
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- XXVIII. **The difference of FENO levels according to gender in healthy subjects never smoked**
Bayram M., Akkoyunlu M. E., Ozcelik H. K., Karakose F., Yakar F., SEZER M., Ozkan D., Kart L.
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- XXIX. **Does CPAP treatment lead to gastroesophageal reflux in moderate and severe OSA case.**
Ozcelik H. K., Danalioglu A., Bayram M., Akkoyunlu M. E., Yakar F., Karakose F., SEZER M.
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- XXX. **Coronary wedge pressure-based correction for collaterals when assessing microvascular resistance in the presence of flow-limiting stenosis REPLY**
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- XXXI. **COPD: an underdiagnosed disease at hospital environment**
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- XXXIII. **Anticoagulation With Otamixaban and Ischemic Events in Non-ST-Segment Elevation Acute Coronary Syndromes The TAO Randomized Clinical Trial**
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- XXXIV. **Role of C-Reactive Protein in Determining Microvascular Function in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention**
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- XXXV. **Distinct Structural and Redox Properties of the Heme Active Site in Bacterial Dye Decolorizing Peroxidase-Type Peroxidases from Two Subfamilies: Resonance Raman and Electrochemical Study**
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- XXXVI. **Giant left main coronary artery aneurysm complicated with anterior myocardial infarction in Behcet's syndrome**
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- XXXVII. **Design of a Peptidic Turn with High Affinity for Hg-II**
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- XXXVIII. **Severe thrombocytopenia and alveolar hemorrhage represent two types of bleeding tendency during tirofiban treatment: case report and literature review.**
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- XXXIX. **Compliance for NIMV treatment in moderate and severe OSAS patients**
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- XL. **Ankylosing spondylitis: Pulmonary manifestations**
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- XLI. **Respiratory findings of acromegalic patients**
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- XLII. **The frequency of REM related OSA among patients with mild OSA and the relation between apnea and daytime sleepiness among these patients**
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- XLIII. **A resistor infection in intensive care unit: Enterococci**
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- XLIV. **Analyzing the catalytic processes of immobilized redox enzymes by vibrational spectroscopies**
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- XLV. **Adsorption of Sulfite Oxidase on Self-Assembled Mono layers from Molecular Dynamics Simulations**
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- XLVI. **A DyP-type peroxidase at a bio-compatible interface: structural and mechanistic insights**
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- XLVII. **Electric-field effects on the interfacial electron transfer and protein dynamics of cytochrome c**
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- XLVIII. **Role of the HoxZ Subunit in the Electron Transfer Pathway of the Membrane-Bound [NiFe]-Hydrogenase from Ralstonia eutropha Immobilized on Electrodes**
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- XLIX. **Primary Mediastinal Cysts Clinical Evaluation and Surgical Results of 32 Cases**
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- L. **Surface-enhanced vibrational spectroscopy for probing transient interactions of proteins with biomimetic interfaces: electric field effects on structure, dynamics and function of cytochrome c**
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- LI. **Functionalized Ag nanoparticles with tunable optical properties for selective protein analysis**
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- LII. **Resting Metabolic Rate and Anthropometric Measurements in Male Sleep Apnea Patients**
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- LIV. **Concurrent Microvascular and Infarct Remodeling After Successful Reperfusion of ST-Elevation Acute Myocardial Infarction**
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- LVI. **Prevalence of Sleep Disordered Breathing Symptoms and Their Relation with Concomitant Diseases in Afyon, Turkey: A Population Based Study**
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- LVII. **Redox properties and catalytic activity of surface-bound human sulfite oxidase studied by a combined surface enhanced resonance Raman spectroscopic and electrochemical approach**
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- LXII. **Effect of intracoronary streptokinase administered immediately after primary percutaneous coronary intervention on long-term left ventricular infarct size, volumes, and function.**
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- LXV. **An alternative approach of stem cell delivery to myocardium: combined usage of antegrade coronary arterial infusion and retrograde venous obstruction**
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- LXIX. **Acute anterior myocardial infarction after chemotherapy for testicular seminoma in a young patient**
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- LXX. **Techneium-99m diethylenetriaminepentaacetic acid radioaerosol scintigraphy in organophosphate induced pulmonary toxicity: Experimental study**
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- LXXI. **Effects of caffeic acid phenethyl ester on the histopathological changes in the lungs of cigarette smoke-exposed rabbits**
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Memberships / Tasks in Scientific Organizations

Türk Kardiyoloji Derneği, Girişimsel Kardiyoloji Birliği, Secretary General, 2013 - 2014

Avrupa Kardiyoloji Derneği, Girişimsel Kardiyoloji Birliği, Uluslararası Derneklerle ilişkiler komitesi, Board Member, 2011 - 2014

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