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International Researcher IDs

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ScopusID: 12646293200

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kıyı Bilimleri Mühendisliği (Dr), Turkey 2003 - 2008

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Hidrolik Ve Su Kaynakları Mühendisliği (YI), Turkey 2000 - 2003

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1995 - 2000

Foreign Languages

English

Research Areas

Coastal Sciences, Oceanography, Civil Engineering, Hydraulic, Coastal Sedimentation, Hydraulic Structures, Pipeline Hydraulics, Open Channel Flow, Hydromechanics, Design of Coastal Structures, Coastal Engineering, Bridge Hydraulics, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, 2014 - Continues

Assistant Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - 2014

Researcher, Danmarks Tekniske Universitet (Technical University of Denmark), Mechanical Engineering, Section of Coastal, Offshore & Maritime Engineering, 2009 - 2011

Research Assistant, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2002 - 2010

Courses

Advanced Fluid Mechanics, Postgraduate, 2016 - 2017
Turbulence, Postgraduate, 2016 - 2017, 2015 - 2016
Hydrology, Undergraduate, 2016 - 2017
Fluid Mechanics, Undergraduate, 2016 - 2017, 2015 - 2016
Coastal Sediment Transport, Postgraduate, 2016 - 2017, 2015 - 2016
Water Supply and Environmental Sanitation, Undergraduate, 2016 - 2017, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Wave-induced liquefaction in a silt and seashell mixture**
Sui T., Kirca V. Ş. Ö., Sumer B. M., Carstensen S., Fuhrman D. R.
Coastal Engineering, vol.178, 2022 (SCI-Expanded)
- II. **Analysis of spatiotemporal variations of drought and its correlations with remote sensing-based indices via wavelet analysis and clustering methods**
Ghasempour R., Roushangar K., Kirca V. Ş. Ö., Demirel M. C.
HYDROLOGY RESEARCH, vol.53, pp.175-192, 2022 (SCI-Expanded)
- III. **Hybrid point and interval prediction approaches for drought modeling using ground-based and remote sensing data**
Roushangar K., Ghasempour R., Kirca V. Ş. Ö., Demirel M. C.
HYDROLOGY RESEARCH, vol.52, no.6, pp.1469-1489, 2021 (SCI-Expanded)
- IV. **Experimental investigation of gradually-varied unsteady flow passed a circular Pile**
Gargari M. K., Kirca V. Ş. Ö., Yağcı O.
COASTAL ENGINEERING, vol.168, 2021 (SCI-Expanded)
- V. **Pollutant dynamics between The Black Sea and The Marmara Sea: Basis for wastewater management strategy**
Orhon D., Sozen S., Kirca V. Ş. Ö., Duba S., Mermutlu R., Sumer B. M.
MARINE POLLUTION BULLETIN, vol.168, 2021 (SCI-Expanded)
- VI. **A comparative analysis of coherent structures around a pile over rigid-bed and scoured-bottom**
Aksel M., Yağcı O., Kirca V. Ş. Ö., Erdog E., Heidari N.
OCEAN ENGINEERING, vol.226, 2021 (SCI-Expanded)
- VII. **Water Leakage Reduction in the Water Distribution Network with Real Time Pressure Management**
Koşucu M. M., Sari O., Demirel M. C., Kiran S., Yılmaz A., Aybakan A., Albay E., Kirca V. Ş. Ö.
TEKNİK DERGI, vol.32, no.1, pp.10541-10564, 2021 (SCI-Expanded)
- VIII. **Prediction of form roughness coefficient in alluvial channels using efficient hybrid approaches**
Roushangar K., Saghebian S. M., Kirca V. Ş. Ö., Ghasempour R.
SOFT COMPUTING, vol.24, no.24, pp.18531-18543, 2020 (SCI-Expanded)
- IX. **Experimental analysis of flow and turbulence in the wake of neighboring emergent vegetation patches with different densities**
Kitsikoudisu V., Yağcı O., Kirca V. Ş. Ö.
ENVIRONMENTAL FLUID MECHANICS, vol.20, no.6, pp.1417-1439, 2020 (SCI-Expanded)
- X. **Influence of surface roughness of dune bedforms on flow and turbulence characteristics**
Kirca V. Ş. Ö., Saghebian S. M., Roushangar K., Yağcı O.
INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH, vol.35, no.6, pp.666-678, 2020 (SCI-Expanded)
- XI. **Modeling total resistance and form resistance of movable bed channels via experimental data and a kernel-based approach**
Saghebian S. M., Roushangar K., Kirca V. Ş. Ö., Ghasempour R.
JOURNAL OF HYDROINFORMATICS, vol.22, no.3, pp.528-540, 2020 (SCI-Expanded)
- XII. **Hydrodynamic and Hydrographic Modeling of Istanbul Strait**
Koşucu M. M., Demirel M. C., Kirca V. Ş. Ö., Özger M.
PROCESSES, vol.7, 2019 (SCI-Expanded)

- XIII. **Mechanism of Steady and Unsteady Piping in Coastal and Hydraulic Structures with a Sloped Face**
Kırca V. Ş. Ö., Kilci R. E.
WATER, vol.10, no.12, 2018 (SCI-Expanded)
- XIV. **Fuzzy threshold for the initiation of sediment motion**
Spiliotis M., Kitsikoudis V., Kırca V. Ş. Ö., Hrissanthou V.
APPLIED SOFT COMPUTING, vol.72, pp.312-320, 2018 (SCI-Expanded)
- XV. **Clear-water scour and flow field alteration around an inclined pile**
Kitsikoudis V., Kırca V. Ş. Ö., Yağcı O., Çelik M. F.
COASTAL ENGINEERING, vol.129, pp.59-73, 2017 (SCI-Expanded)
- XVI. **Experimental investigation of channel flow through idealized isolated tree-like vegetation**
Kitsikoudis V., Yağcı O., Kırca V. Ş. Ö., KELLECIOGLU D.
ENVIRONMENTAL FLUID MECHANICS, vol.16, no.6, pp.1283-1308, 2016 (SCI-Expanded)
- XVII. **Scour patterns around isolated vegetation elements**
Yağcı O., CELIK M. F., KITSIKOUDIS V., Kırca V. Ş. Ö., HODOGLU C., Valyrakis M., DURAN Z., KAYA Ş.
ADVANCES IN WATER RESOURCES, vol.97, pp.251-265, 2016 (SCI-Expanded)
- XVIII. **Influence of Clay Content on Wave-Induced Liquefaction**
Kırca V. Ş. Ö., Sumer B. M., Fredsoe J.
JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING, vol.140, no.6, 2014 (SCI-Expanded)
- XIX. **Wave attenuation and flow kinematics of an inclined thin plate acting as an alternative coastal protection structure**
Yağcı O., Kırca V. Ş. Ö., ACANAL L.
APPLIED OCEAN RESEARCH, vol.48, pp.214-226, 2014 (SCI-Expanded)
- XX. **Residual Liquefaction of Seabed under Standing Waves**
Kırca V. Ş. Ö., Sumer B. M., Fredsoe J.
JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING, vol.139, no.6, pp.489-501, 2013 (SCI-Expanded)
- XXI. **Sinking of irregular shape blocks into marine seabed under wave-induced liquefaction**
Kırca V. Ş. Ö.
COASTAL ENGINEERING, vol.75, pp.40-51, 2013 (SCI-Expanded)
- XXII. **Performance of an inclined thin plate in wave attenuation**
Acanal L., Loukogeorgaki E., Yağcı O., Kırca V. Ş. Ö., AKGUEL A.
JOURNAL OF COASTAL RESEARCH, pp.141-146, 2013 (SCI-Expanded)
- XXIII. **Experimental Validation of a Mathematical Model for Seabed Liquefaction Under Waves**
Sumer B. M., Kırca V. Ş. Ö., Fredsoe J.
Int. J. Offshore & Polar Eng, vol.22, no.2, pp.133-141, 2012 (SCI-Expanded)
- XXIV. **Comments on "Flow resistance of one-line emergent vegetation along the floodplain edge of a compound open channel" by Xin Sun, Koji Shiono [Adv. Water Resour. 32 (2009), 430-438]**
Yağcı O., Kırca V. Ş. Ö.
Advances in Water Resources, vol.33, no.8, pp.947-948, 2010 (SCI-Expanded)
- XXV. **Reduction of non-breaking wave loads on caisson type breakwaters using a modified perforated configuration**
Kırca V. Ş. Ö., Kabdasli M. S.
OCEAN ENGINEERING, vol.36, pp.1316-1331, 2009 (SCI-Expanded)
- XXVI. **Monitoring differential urbanization to integrate with basin management and a basin information system modeling for Istanbul**
Kacmaz S. E., Kabdaşlı M. S., YASA N. E., Kırca V. Ş. Ö.
ENVIRONMENTAL FORENSICS, vol.9, pp.258-264, 2008 (SCI-Expanded)
- XXVII. **An experimental model application of wavescreen: Dynamic pressure, water particle velocity, and wave measurements**
Yagci O., KIRCA V. Ş. Ö., Kabdasli M. S., CELIK A. B., UNAL N. E., AYDINGAKKO A.
OCEAN ENGINEERING, vol.33, no.10, pp.1299-1321, 2006 (SCI-Expanded)

- XXVIII. **Stability of Armour Layer over Sand Bed in Waves Currents A Case Study**
ÇOKGÖR Ş., KABDAŞLI M. S., Kırca V. Ş. Ö., Aydıngakko A., ÜNAL N. E.
JOURNAL OF COASTAL RESEARCH, vol.39, pp.754-758, 2006 (SCI-Expanded)
- XXIX. **Bed Profile Changes due to Tsunami Effects on Near Shore Coasts Tuzla Case Study**
Kırca V. Ş. Ö., KABDAŞLI M. S.
JOURNAL OF COASTAL RESEARCH, vol.39, pp.1484-1487, 2006 (SCI-Expanded)
- XXX. **3D Physical Modelling of Thermal Discharge A Case Study**
Kırca V. Ş. Ö., KABDAŞLI M. S., ÇOKGÖR Ş., Aydıngakko A., ÜNAL N. E.
JOURNAL OF COASTAL RESEARCH, vol.39, pp.1775-1779, 2006 (SCI-Expanded)
- XXXI. **2D numerical modelling of bed profile changes due to tsunami effects on near shore coasts Kadikoy case study**
KABDAŞLI M. S., Kırca V. Ş. Ö., Aydıngakko A.
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.231-238, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sinking Failure of Drag Embedment Anchors Due to Wave-Induced Seabed Liquefaction**
KIRCA V. Ş. Ö., Sumer B. M.
International Journal of Ocean and Coastal Engineering, vol.1, no.4, pp.1850006, 2019 (Peer-Reviewed Journal)
- II. **Açık kanal akımında hidrolik pürüzlü taban üzerinde ağır tanelerin boyuna dispersiyonu**
Demirbaş S., KIRCA V. Ş. Ö., KABDAŞLI M. S.
DÜMF Mühendislik Dergisi, vol.9, pp.1009-1017, 2018 (Peer-Reviewed Journal)
- III. **Longitudinal dispersion of heavy particles in an oscillating tunnel and application to wave boundary layers**
Kırca V. Ş. Ö., SUMER B. M., STEFFENSEN M., JENSEN K. L., FUHRMAN D. R.
Journal of Ocean Engineering and Marine Energy, vol.2, no.1, pp.59-83, 2016 (Scopus)
- IV. **Düşey yüzölçümü kıyı yapılarının dalgalar altındaki performansının artırılması**
KIRCA V. Ş. Ö., KABDAŞLI M. S.
İTÜ Dergisi/d, vol.8, no.6, pp.73-85, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Unsteadiness on the Flow around a Circular Pile**
Gargari M. K., KIRCA V. Ş. Ö., Dolaman U., YAĞCI O.
Coastal Structures 2019, Hannover, Germany, 30 September - 02 October 2019, pp.567-576
- II. **Sinking of Anchors and Other Subsea Structures due to Wave- Induced Seabed Liquefaction**
KIRCA V. Ş. Ö., Sumer B. M.
Coastal Structures, Hannover, Germany, 30 September - 02 October 2019, pp.598-607
- III. **Değişken Akım Hidrografi Altında Dairesel Kesitli Bir Köprü Ayağı Etrafındaki Akımın İncelenmesi**
KIRCA V. Ş. Ö., Gargari M. K., Dolaman U., YAĞCI O.
10. Ulusal Hidroloji Kongresi, Muğla, Turkey, 9 - 12 October 2019, vol.2, pp.907-916
- IV. **A NOVEL MODELLING APPROACH FOR EARTHQUAKE-INDUCED SEABED LIQUEFACTION**
KIRCA V. Ş. Ö., Çıvak G., Sumer B. M.
13th International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2018), Tahran, Iran, 26 - 28 November 2018, pp.247-248
- V. **Deprem Kaynaklı Deniz Tabanı Sıvılaşması için Yeni Bir Model Yaklaşımı**
KIRCA V. Ş. Ö., Çıvak G., Sumer B. M.
9. Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018, pp.521-529
- VI. **İki Tabakalı Zeminlerde Deniz Tabanında Dalga Kaynaklı Sıvılaşma Riskinin Belirlenmesi**

KIRCA V. Ş. Ö., Sumer B. M.

9. Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018, pp.530-540

VII. A Modified Piping Criterion for Determination of Effective Filter Thickness under Revetment Slopes

Kılçı R. E., KIRCA V. Ş. Ö.

13th ACE Advances in Civil Eng. Congress, Aydın, Çeşme, Turkey, 12 - 14 September 2018

VIII. A Comparison of Flood Vulnerability using Different Resolution Digital Elevation Models

KIRCA V. Ş. Ö., AKSOY H., BURGAN H. İ.

8th Atmospheric Sciences Symposium (ATMOS 2017), İstanbul, Turkey, 1 - 04 November 2017, pp.484-489

IX. Açık Kanal Akımında Hidrolik Pürüzlü Taban Üzerinde Ağır Tanelerin Boyuna

KIRCA V. Ş. Ö., Demirbaş S., KABDAŞLI M. S.

9. Ulusal Hidroloji Kongresi, Şanlıurfa, Turkey, 4 - 06 October 2017

X. Use of Steel Slag in Rubble-Mound Marine Structures

KIRCA V. Ş. Ö., Çağlar B., BAĞCI T., Kılçı R. E., KABDAŞLI M. S.

3rd International Iron and Steel Symposium, Karabük, Turkey, 3 - 05 April 2017, pp.307-313

XI. Deniz su seviyesinin taşkın alanlarına etkisi

BURGAN H. İ., KIRCA V. Ş. Ö., AKSOY H.

4. Ulusal Taşkın Sempozyumu, Rize, Turkey, 23 - 25 November 2016, pp.749-755

XII. Longitudinal Dispersion of Sediments in Wave Boundary Layers

KIRCA V. Ş. Ö., Sumer B. M., Steffensen M., Jensen K. L., Fuhrman D. R.

35th International Conference on Coastal Engineering, Antalya, Turkey, 17 - 20 November 2016

XIII. The Concept of Multi Use Offshore Platforms and the MERMAID Project Sea Bed Structure Interaction Liquefaction and Scour Around Marine Structures

KIRCA V. Ş. Ö.

International Conference on Water, Environment and Sustainable Development, Ardabil, Iran, 27 - 29 September 2016

XIV. Flow and Turbulence around an Inclined Pile

Majd S. F., YAĞCI O., KIRCA V. Ş. Ö., Kitsikoudis V., Lentsiou E.

Twenty-sixth (2016) International Ocean and Polar Engineering Conference, ISOPE 2016, Rodos, Greece, 26 June - 01 July 2016, pp.1087-1093

XV. Flow field alteration due to permeability and subcanopy flow for emergent vegetation

Kitsikoudis V., YAĞCI O., KIRCA V. Ş. Ö., Kellecioğlu D.

Twenty-sixth (2016) International Ocean and Polar Engineering Conference, ISOPE 2016, Rodos, Greece, 26 June - 01 July 2016, pp.1421-1427

XVI. Harmonized Flood Hazard and Risk Assessment

PAPATHEODOROU K., TZANOU E., MAFTEI C., KIRCA V. Ş. Ö., AKSOY H., KONSTANTINOS N.

THE 3RD INTERNATIONAL CONFERENCE, Water Across Time in Engineering Research, Constanta, Romania, 23 - 25 June 2016

XVII. Harmonized Flood Hazard Risk Assessment

Papatheodorou K., Tzanou E., Maftai C., KIRCA V. Ş. Ö., AKSOY H., Ntouros K.

The 3rd International Conference on Water Across Time in Engineering Research, Köstence, Romania, 23 - 25 June 2016, pp.11-20

XVIII. Hydrological and hydraulic models for determination of flood-prone and flood inundation areas

Aksoy H., Kırca V. Ş. Ö., Burgan H. İ., KELLEÇİOĞLU D.

7th International Water Resources Management Conference of ICWRS, Bochum, Germany, 18 - 20 May 2016, vol.373, pp.137-141

XIX. Coğrafi Bilgi Sistemleri Destekli Taşkın Hidrolik Modeli

BURGAN H. İ., KELLEÇİOĞLU D., AKSOY H., KIRCA V. Ş. Ö.

4. Su Yapıları Sempozyumu, Antalya, Turkey, 19 - 21 November 2015, pp.260-267

XX. HİDROGRAFLARDA DEĞİŞKENLİK DERECESİNİN AKIM KARAKTERİSTİKLERİNE ETKİSİNİN İNCELENMESİ

KIRCA V. Ş. Ö., Baykuş M. B., Erdog E., YAĞCI O.

8. Ulusal Hidroloji Kongresi, Şanlıurfa, Turkey, 8 - 10 October 2015, pp.279-288
- XXI. **Akarsu Havzalarında Taşkına Meyilli Alanların Zemin Nem İndeksi ile Belirlenmesi**
AKSOY H., KIRCA V. Ş. Ö., BURGAN H. İ., DORUKHAN K., ERMIŞ I. S.
8. Ulusal Hidroloji Kongresi, Şanlıurfa, Turkey, 8 - 10 October 2015, pp.424-429
- XXII. **The flow field around an inclined solid emergent cylinder**
YAĞCI O., Majd S. F., Kitsikoudis V., KIRCA V. Ş. Ö.
IAHR 36th World Congress, Den Hague, Netherlands, 28 June - 03 July 2015
- XXIII. **EXPERIMENTAL INVESTIGATION OF THE MODIFICATION OF THE FLOW FIELD, PAST EMERGENT AQUATIC VEGETATION ELEMENTS**
Valyrakis M., Kitsikoudis V., Yağcı O., Kırca V. Ş. Ö., Koursari E.
36th IAHR World Congress, Delft, Netherlands, 28 June - 03 July 2015, pp.458-464
- XXIV. **Legislative aspects of flood hazard prevention and resilience in non EU member European countries**
KIRCA V. Ş. Ö., AKSOY H., PAPATHEODOROU K., STEPANOVA K.
9th World Congress of EWRA: Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.383
- XXV. **Earthquake Landslide and Flood disaster Prevention The SciNetNatHaz Project**
PAPATHEODOROU K., TZANOU E., MAFTEİ C., KIRCA V. Ş. Ö., AKSOY H.
Frontiers in Environmental and Water Management 2015, Kavala, Greece, 19 - 21 March 2015
- XXVI. **Avrupa denizlerinde çok amaçlı açık deniz platformlarının bugünü ve geleceği, MERMAID Projesi**
Kırca V. Ş. Ö., Elginöz Kanat N., Çıvak G., Özkan E., BAS B., Kabdaşlı M. S.
. Ulusal Kıyı Mühendisliği Sempozyumu, İstanbul, Turkey, 7 - 09 November 2014, pp.589-598
- XXVII. **Recent developments on wave-induced liquefaction of marine seabed**
Kırca V. Ş. Ö., Ülker M. B. C.
11th Int. Cong. Adv. Civil Engg, İstanbul, Turkey, 21 - 25 October 2014, pp.4-10
- XXVIII. **Flood hazard assessment and modelling practices in Turkey**
AKSOY H., KIRCA V. Ş. Ö., Papatheodorou K.
MEDFRIEND Project Meeting "Monitoring, modelling and early warning of extreme events triggered by heavy rainfalls". PON 01_01503, Cosenza, Italy, 26 - 28 June 2014
- XXIX. **INFLUENCE OF CLAY CONTENT ON RESIDUAL LIQUEFACTION IN WAVES**
KIRCA V. Ş. Ö., Sumer B. M., Fredsoe J.
34th International Conference on Coastal Engineering (ICCE 2014), Seoul, South Korea, 15 - 20 June 2014
- XXX. **Kalıcı Yüzen Deniz Yapıları Temel Sistemlerinin Dalga Kaynaklı Sıvılaşma Hasarı**
KIRCA V. Ş. Ö., Sumer B. M.
9. Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018, pp.275-286
- XXXI. **Stability and energy dissipation of an antifer layer protected caisson**
KIRCA V. Ş. Ö., KABDAŞLI M. S., ŞEKER D. Z., Çelikoyan M.
23rd International Symposium on Offshore and Polar Engineering (ISOPE 2013), Anchorage, ALASKA, United States Of America, 30 June - 05 July 2013, pp.1122-1129
- XXXII. **Residual Liquefaction Under Standing Waves**
KIRCA V. Ş. Ö., Sumer B. M., Fredsoe J.
22rd International Symposium on Offshore and Polar Engineering (ISOPE 2012), Rodos, Greece, 22 - 28 June 2012, pp.1392-1398
- XXXIII. **Wave liquefaction in soils with clay content**
KIRCA V. Ş. Ö., Fredsoe J., SUMER B. M.
PIANC-COPODEC 8th International Conference on Coastal and Port Eng'g in Developing Countries, Madras, India, 20 - 24 February 2012, pp.395-402
- XXXIV. **KIYI VE DENİZ YAPILARINDA DALGA KAYNAKLI SIVILAŞMA RİSKİ**
KIRCA V. Ş. Ö.
II. Kıyı ve Deniz Jeolojisi Sempozyumu, İstanbul, Turkey, 15 - 16 October 2015, pp.81-82

Supported Projects

- Kırca V. Ş. Ö., Project Supported by Higher Education Institutions, sıralı Silindirlerin Akım ve Dalga ile Etkileşimlerinin Deneyisel Olarak İncelenmesi, 2012 - 2021
- Kırca V. Ş. Ö., Aktaş A., TUBİTAK Project, Açık Deniz Rüzgâr Ve Akıntı Enerjisinden Oluşan Hibrit Güç Üretim Sistemine Batarya Ve Ultrakapasitörden Oluşan Hibrit Enerji Depolama Sisteminin Entegre Edilerek Hibrit Sistemlerin Akıllı Enerji Yönetimi, 2018 - 2020
- Kırca V. Ş. Ö., Project Supported by Higher Education Institutions, Eğik Bir Kazık Etrafındaki Akım ve Türbülans Yapılarının İncelenmesi, 2016 - 2018
- Kırca V. Ş. Ö., Project Supported by Higher Education Institutions, Dalga Altında Deniz Tabanı Sıvılaşmasında Kil İçeriğinin Etkisi, 2014 - 2018
- Kırca V. Ş. Ö., Project Supported by Higher Education Institutions, Antiğer Korumalı bir keson Dalgakıranının Stabilit  ve Enerji Sön tleme Performansı, 2013 - 2018
- Kırca V. Ş. Ö., Project Supported by Higher Education Institutions, Duran Dalgalar Etkisiyle Deniz Tabanı Sıvılaşması, 2012 - 2018
- Kırca V. Ş. Ö., H2020 Project, SciNetNatHazPrev A Scientific Network for Natural Hazard Prevention, 2013 - 2015
- Kırca V. Ş. Ö., H2020 Project, MERMAID Innovative Multi purpose offshore platforms planning design and operation, 2012 - 2015
- Kırca V. Ş. Ö., Other International Funding Programs, Seabed Windfarm Interaction, 2008 - 2011

Scientific Research / Working Group Memberships

Kıy  Bilimleri ve M hendisliğı  alışma Grubu, İSTANBUL TEKNİK  NİVERSİTESİ, Turkey, <http://goo.gl/VpNk2j>, 2004 - Continues

Metrics

Publication: 91
Citation (WoS): 345
Citation (Scopus): 419
H-Index (WoS): 11
H-Index (Scopus): 11

Scholarships

T B TAK-2219 Postdoctoral Fellowship Grant, TUBİTAK, 2009 - 2010

Awards

Demirel M. C., Koşucu M. M., Yılmaz A., Albay E., Kırca V. Ş. Ö., SU Y NETİMİ  D L , Tarım Ve Orman Bakanlığı, October 2019

Kırca V. Ş. Ö., ASCE Journal of Waterways, Ports, Coastal & Ocean Engineering, 2014 Outstanding Reviewer Award, American Society Of Civil Engineers (Asce), May 2015

Non Academic Experience

Technology Development Zone, BM SUMER Consultancy & Research

BM SUMER Mühendislik Danışmanlık Eğitim Ar-Ge San. ve Tic. Ltd. Şti.

ECAP Mühendislik Müşavirlik A.Ş./ STFA Grubu

İTÜ İnşaat Müh. Böl.

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İTÜ İnşaat Müh. Böl.

HALCROW-DOLSAR Konsorsiyumu

Vinsan A.Ş.