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International Researcher IDs

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Education Information

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

Postgraduate, İstanbul 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, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, 2014 - Continues

Assistant Professor, İstanbul 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, İstanbul 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., Erdogan 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 DERGİ, 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**
 Kirca 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., Kirca 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., Kirca 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., Kirca 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., Kirca 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**
 Kirca 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., Kirca V. Ş. Ö., ACANAL L.
 APPLIED OCEAN RESEARCH, vol.48, pp.214-226, 2014 (SCI-Expanded)
- XX. **Residual Liquefaction of Seabed under Standing Waves**
 Kirca 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**
 Kirca 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., Kirca 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., Kirca 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., Kirca 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**
 Kirca 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., Kirca 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., Aydingakko 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., Aydingakko 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., Aydingakko 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 yüzlü kıyı yapılarının dalgalarındaki performansının arttırılması**
 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 Etrafindaki 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., Çivak G., Sumer B. M.
 13th International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2018), Tehran, Iran, 26 - 28 November 2018, pp.247-248
- V. **Deprem Kaynaklı Deniz Tabanı Sıvılaşması için Yeni Bir Model Yaklaşımı**
 KIRCA V. Ş. Ö., Çivak G., Sumer B. M.
 9. Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018, pp.521-529
- VI. **İki Tabaklı 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 taşınan alanlarına etkisi**
BURGAN H. İ., KIRCA V. Ş. Ö., AKSOY H.
4. Ulusal Taşınan 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., Lentzios 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., Maftei 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., Kirca V. Ş. Ö., Burgan H. İ., KELLECİOĞLU 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 Taşınan Hidrolik Modeli**
BURGAN H. İ., KELLECİOĞLU 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., Erdogan 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., ERMİŞ 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., Kirca 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**
Kirca V. Ş. Ö., Elginöz Kanat N., Çivak 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**
Kirca 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), Seul, 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 KAYNAKLı SIVILAŞMA RİISKİ**
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 Deneysel Olarak İncelenmesi, 2012 - 2021

Kırca V. Ş. Ö., Aktaş A., TUBITAK 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 Etrafindaki 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, Antifer Korumalı bir keson Dalgakırınan Stabilite ve Enerji Sönümleme 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

Kıyı Bilimleri ve Mühendisliği çalışma Grubu, İSTANBUL TEKNİK ÜNİVERSİTESİ, 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

TÜBİTAK-2219 Postdoctoral Fellowship Grant, TUBITAK, 2009 - 2010

Awards

Demirel M. C., Koşucu M. M., Yılmaz A., Albay E., Kırca V. Ş. Ö., SU YÖNETİMİ ÖDÜLÜ, 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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Danimarka Teknik Üniversitesi (DTU)

İTÜ İnşaat Müh. Böl.

HALCROW-DOLSAR Konsorsiyumu

Vinsan A.Ş.