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Personal Information

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Publons / Web Of Science ResearcherID: Q-9280-2018

ScopusID: 34574341700

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Education Information

Doctorate, Universit  Strasbourg I, Institut De Physique Du Globe, Geophysics, France 2005 - 2009

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, Turkey 2004 - 2009

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, Turkey 2001 - 2004

Undergraduate, Istanbul Technical University, Maden Fak ltesi, Jeofizik M hendisliĐi, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, G m l  Yapıların Yeraltı Radarı (GPR) Y ntemi ile Arařtırılması: B y k Menderes grabeni'nde

Paleosismolojik ve Arkeosismolojik Uygulamalar , Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, 2009

Doctorate, Investigation of buried objects with Ground Penetrating Radar: Application to archaeoseismology and palaeoseismology in the Buyuk Menderes Graben (Turkey) , Universit  Strasbourg I, Institut De Physique Du Globe, Geophysics, 2009

Postgraduate,  rt l  Aktif Fayların VLF-EM Y ntemi ile Belirlenmesi , Eskisehir Osmangazi University, Fen Bilimleri Enstit s , Jeoloji M hendisliĐi, 2004

Research Areas

Geophysical Engineering, Applied Geophysics, Archeo-geophysical, Electro Magnetic and Electrical Methods, Geological Engineering, General Geology, Surficial Geology (geomorphology, quaternary geology, soils), Applied Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Engineering and Technology

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, an Myo, Maden Teknolojileri, 2020 - Continues

Associate Professor, Canakkale Onsekiz Mart University, an Meslek Y ksekokulu, Madencilik Ve Maden ıkarma

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **High-resolution ground penetrating radar investigation of yerebatan (Basilica) cistern in istanbul (constantinople) for restoration purposes**
Aydingün Ş., Kurban Y. C., Yalçiner C. Ç., Büyüksaraç A., Gündoğdu E., Altunel E.
Mediterranean Archaeology and Archaeometry, vol.20, no.3, pp.13-26, 2020 (AHCI)
- II. **Non-destructive damage analysis in Kariye (Chora) Museum as a cultural heritage building**
YALÇINER C. Ç., BÜYÜKSARAÇ A., Kurban Y. C.
JOURNAL OF APPLIED GEOPHYSICS, vol.171, 2019 (SCI-Expanded)
- III. **Coordinated application of structural strengthening injections with GPR method for restoration of historical artifacts: example study of Bodrum castle**
YALÇINER C. Ç.
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.16, no.2, pp.325-331, 2019 (SCI-Expanded)
- IV. **Paleoseismic history and slip rate along the Sapanca-Akyazi segment of the 1999 Izmit earthquake rupture (M-w=7.4) of the North Anatolian Fault (Turkey)**
Dikbas A., Akyüz H. S., MEGHRAOUI M., FERRY M., Altunel E., Zabcı C., Langridge R., Yalciner C. Ç.
TECTONOPHYSICS, vol.738, pp.92-111, 2018 (SCI-Expanded)
- V. **Research using GPR into the cause of cracks and depressions in the floor of the gallery of Hagia Sophia Museum**
YALÇINER C. Ç., Kurban Y. C., Altunel E.
CONSTRUCTION AND BUILDING MATERIALS, vol.139, pp.458-466, 2017 (SCI-Expanded)
- VI. **Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: Insights from the Kamara geothermal area (western Anatolia, Turkey)**
brogi A., alçiçek M. C., YALÇINER C. Ç., capezzuoli E., liotta D., meccheri M., rimondi V., ruggieri G., gandin A., boschi C., et al.
TECTONOPHYSICS, vol.680, pp.211-232, 2016 (SCI-Expanded)
- VII. **Reply to Comment on "Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey"**
Karabacak V., Yonlu O., Doku E., Kiyak N. G., Altunel E., Ozudogru S., YALÇINER C. Ç., Akyüz H. S.
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.29, no.4, pp.353-356, 2014 (SCI-Expanded)
- VIII. **Geophysical investigations at Agadere Cemetery, Gallipoli Peninsular, NW Turkey**
Büyüksaraç A., YALÇINER C. Ç., Ekinci Y. L., Demirci A., Yücel M. A.
AUSTRALIAN JOURNAL OF FORENSIC SCIENCES, vol.46, no.1, pp.111-123, 2014 (SCI-Expanded)
- IX. **Analyses of Seismic Deformation at the Kibyra Roman Stadium, Southwest Turkey**
Karabacak V., Yonlu O., Doku E., Kiyak N. G., Altunel E., Ozudogru S., YALÇINER C. Ç., Akyüz H. S.
GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL, vol.28, no.6, pp.531-543, 2013 (SCI-Expanded)
- X. **Investigation of the subsurface geometry of fissure-ridge travertine with GPR, Pamukkale, western Turkey**
Yalciner C. Ç.
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.10, no.3, 2013 (SCI-Expanded)
- XI. **Application of GPR to normal faults in the Buyuk Menderes Graben, western Turkey**
YALÇINER C. Ç., Altunel E., BANO M., MEGHRAOUI M., Karabacak V., Akyüz H. S.
JOURNAL OF GEODYNAMICS, vol.65, pp.218-227, 2013 (SCI-Expanded)
- XII. **Two-phased evolution of the Susehri Basin on the North Anatolian Fault Zone, Turkey**
POLAT A., TATAR O., GÜRSOY H., YALÇINER C. Ç., BÜYÜKSARAÇ A.
GEODINAMICA ACTA, vol.25, pp.132-145, 2012 (SCI-Expanded)

- XIII. **2-D AND 3-D DIFFRACTION STAKE MIGRATION METHOD USING GPR: A CASE STUDY IN CANAKKALE (TURKEY)**
Yalciner C. C.
MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY, vol.12, no.2, pp.95-104, 2012 (AHCI)
- XIV. **Archaeological sites (Tell and Road) offset by the Dead Sea Fault in the Amik Basin, Southern Turkey**
ALTUNEL E., MEGHRAOUI M., KARABACAK V., Akyüz H. S., FERRY M., Yalciner C. Ç., MUNSCHY M.
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.179, no.3, pp.1313-1329, 2009 (SCI-Expanded)
- XV. **New temple discovery at the archaeological site of Nysa (western Turkey) using GPR method**
Yalciner C. Ç., BANO M., Kadioglu M., Karabacak V., MEGHRAOUI M., Altunel E.
JOURNAL OF ARCHAEOLOGICAL SCIENCE, vol.36, no.8, pp.1680-1689, 2009 (SCI-Expanded)
- XVI. **Local site effects in Atakoy, Istanbul, Turkey, due to a future large earthquake in the Marmara Sea**
SORENSEN M. B., OPRAL I., BONNEFOY-CLAUDET S., ATAKAN K., MAI P. M., PULIDO N., Yalciner C. Ç.
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.167, no.3, pp.1413-1424, 2006 (SCI-Expanded)
- XVII. **Historical earthquake activity of the northern part of the Dead Sea Fault Zone, southern Turkey**
Akyüz H. S., ALTUNEL E., KARABACAK V., Yalciner C. Ç.
TECTONOPHYSICS, vol.426, pp.281-293, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Gallipoli Peninsula War Archeogeophysics Studies: Şahindere Martyrdom and Lone Pine Monument Sample Study Sites**
YALÇINER C. Ç., KURBAN Y. C., GÜNDOĞDU E., YÜCEL M. A.
Journal of advanced research in natural and applied sciences (Online), vol.7, no.3, pp.408-422, 2021 (Peer-Reviewed Journal)
- II. **Simav Fayındaki Düşey Yerdeğiştirmelerin, GPR (Yeraltı Radarı) Yöntemi ile Belirlenmesi**
Gündoğdu E., Kurban Y. C., Yalçiner C. Ç., Özden S.
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, no.2, pp.17-33, 2017 (Peer-Reviewed Journal)
- III. **Kütahya Fay Zonu'nun Holosen Aktivitesi/Holocene Activity of Kütahya Fault Zone**
Altınok S., KARABACAK V., YALÇINER C. Ç., BİLGİN A. N., ALTUNEL E., KIYAK N. G.
TURKIYE JEOLAJI BULTENİ-GEOLOGICAL BULLETIN OF TURKEY, vol.55, no.1, pp.1-17, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Adli Yer Radarı**
BÜYÜKSARAÇ A., YALÇINER C. Ç., BEKTAŞ Ö.
in: Adli Bilimler ve Kriminalistik Ansiklopedisi, Hancı Hamit İ. - Vural Ogün, Editor, Adalet Yayınevi, Ankara, pp.5031-5044, 2023
- II. **GPR ANALYSIS OF SULTAN AHMED III LIBRARY(ENDERUN) IN TOPKAPI PALACE, ISTANBUL BEFORE RESTORATION**
BÜYÜKSARAÇ A., YALÇINER C. Ç., Kurban Y. C.
in: Civil Engineering Present Problems, Innovative Solutions, Jarostaw Görecki, Ewa Czaplewska, Editor, BJK - Consulting, ul. Zajecza 6/53 85 - 809 Bydgoszcz, Bydgoszcz, pp.175-186, 2017
- III. **Heyelan Araştırmalarında Yerradarı Yöntemi: Güzelyalı Örneği**
YALÇINER C. Ç., BÜYÜKSARAÇ A., Kurban Y. C.
in: Çanakkale Heyelanları, Editor, Altın Kalem Yayınları, İzmir, pp.101-126, 2016
- IV. **Offset archaeological relics in the western part of the Büyük Menderes graben (western Turkey) and**

their tectonic implications

YONLU Ö., ALTUNEL E., KARABACAK V., YALÇINER C. Ç.

in: Ancient Earthquakes, M. Sintubin, I. S. Stewart, T. M. Niemi, E. Altunel, Editor, Geological Society of America, Special Paper on "Ancient Earthquakes", 2010

V. Assessment of seismically induced damage using LIDAR: the ancient city of Pınara (SW Turkey) as a case study

YERLİ B., YALÇINER C. Ç.

in: Ancient Earthquakes, M. Sintubin, I. S. Stewart, T. M. Niemi, E. Altunel, Editor, Geological Society of America, Special Paper on "Ancient Earthquakes", 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **EÜAŞ Çan" Thermic Power Plant Moisture Analysis in Areas Provided for Limestone Desulphurization Purposes.**
BÜYÜKSARAÇ A., YALÇINER C. Ç., EKİNCİ Y. L., IŞIK E.
THIRD INTERNATIONAL MEDITERRANEAN CONGRESS ON NATURAL SCIENCES, HEALTH SCIENCES AND ENGINEERING (MENSEC III), 18 - 20 June 2019
- II. **Pre-Restoration Studies of Edirne Hidirlik Bastion**
BÜYÜKSARAÇ A., YALÇINER C. Ç., AYDIN M. C.
Third International Mediterranean Congress on Natural Sciences, Health Sciences and Engineering, 18 - 20 June 2019
- III. **3D Modelling of Historical Remains Using Unmanned Aerial Vehicle, A Case Study: Gallipoli Peninsula**
YÜCEL M. A., ŞANLIYÜKSEL YÜCEL D., YALÇINER C. Ç., YILMAZ D.
XXVIII International Symposium on Modern Technologies, Education and Professional Practice in Geodesy And Related Fields, SOFYA, Bulgaria, 8 - 09 November 2018, pp.101-107
- IV. **Comparison of Surface Morphology Determined with Terrestrial LIDAR Method and Underground Geometry Determined with GPR: Kamara (Denizli/Turkey) Fissure Ridge-type Travertine**
YALÇINER C. Ç., GÜNDOĞDU E., ÖZDEN S., ALTUNEL E., Kurban Y. C.
", International Symposium on GIS Applications in Geography and Geosciences (ISGGG), 18 - 21 October 2017, pp.111-121
- V. **Eski eserlerde kideformasyonların yapı radarı, termal görüntüleme ve mikrodalga nem ölçümleri ile belirlenmesi: Ayasofya örneği**
YALÇINER C. Ç., KURBAN Y., GÜNDOĞDU E., ÖZDEN S., ALTUNEL E.
Aktif Tektonik Araştırma Grubu Toplantısı, Turkey, 26 - 28 October 2017
- VI. **Monitoring Creep Movement with Terrestrial LIDAR on the Gere de Bayramören Segment of the North Anatolian Fault Zone Turkey**
altınok erayık S., ALTUNEL E., tunçel E., YALÇINER C. Ç.
European Geosciences Union General Assembly 2016, Viyana, Austria, 17 - 22 April 2016
- VII. **Investigation of Disturbance on Gallery Floor of Hagia Sophia Museum with GPR Method**
Kurban Y. C., YALÇINER C. Ç., ALTUNEL E., BÜYÜKSARAÇ A., TOPÇU İ., Belce E.
EAGE Balkan Geophysical Society, 5 - 08 October 2015
- VIII. **Investigation of Sultana and Sultan Hamam Walls at Topkapı Palace with Non destructive GPR CX Method**
YALÇINER C. Ç., Kurban Y. C., ALTUNEL E., BÜYÜKSARAÇ A., TOPÇU İ., Belce E.
EAGE Balkan Geophysical Society, 5 - 08 October 2015
- IX. **GEOPHYSICAL SITE CHARACTERIZATION ASSESSMENT OF AN EARTHQUAKE PRONE AREA CITY OF CANAKKALE NW TURKEY**
BEKLER T., DEMİRCİ A., EKİNCİ Y. L., BÜYÜKSARAÇ A., YALÇINER C. Ç.
Kocaeli 2015 5th International Earthquake Symposium, 10 - 12 June 2015, pp.519-522
- X. **Travertine fissure ridges as proxies of tectonically controlled hydrothermal fluids fed by a carbonate**

reservoir Special emphasis on Denizli basin of SW Anatolia Turkey

BROGLI A., capezzuoli E., ruggieri G., gandin A., ALÇIÇEK M. C., liotta D., meccheri M., YALÇINER C. Ç., BÜYÜKSARAÇ A.

31st IAS Meeting of Sedimentology, 22 - 25 June 2015

XI. Geophysical Site Characterization Assesment of an Earthquake Prone Area City of Canakkale NW TURKEY

BEKLER T., DEMİRCİ A., EKİNCİ Y. L., BÜYÜKSARAÇ A., YALÇINER C. Ç.

5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, pp.519-522

XII. Çanakkale Güzelyalı Köyü Heyelan Sahası Sismik Tomografi ve İnklinometre Sonuçlarının Değerlendirilmesi

EYİSÜREN O., BÜYÜKSARAÇ A., BEKLER T., YALÇINER C. Ç.

Kocaeli 2015 Uluslararası Deprem Sempozyumu, 10 - 12 June 2015

XIII. Geophysical Site Characterization Assessment Of An Earthquake Prone Area City of Canakkale Nw Turkey

BEKLER T., DEMİRCİ A., EKİNCİ Y. L., BÜYÜKSARAÇ A., YALÇINER C. Ç.

Kocaeli 2015 Uluslararası Deprem Sempozyumu, 10 - 12 June 2015

Supported Projects

GÜNDOĞDU E., YALÇINER C. Ç., KURBAN Y. C., Project Supported by Higher Education Institutions, Anzak Koyu'ndaki (Çanakkale) Savaş İzlerinin Sığ Jeofizik Yöntemlerle Araştırılması, 2019 - 2020

YÜCEL M. A., YALÇINER C. Ç., YILMAZ D., ŞANLIYÜKSEL YÜCEL D., Project Supported by Higher Education Institutions, Gelibolu Yarımadası Tarihi Alanı Yüzey ve Yeraltı İzlerinin Geomatik ve Jeofizik Yöntemler ile Tespit Edilerek Üç Boyutlu Modellenmesi, 2018 - 2019

YALÇINER C. Ç., YÜCEL M. A., GÜNDOĞDU E., TURAN R. Y., KURBAN Y. C., Project Supported by Higher Education Institutions, Gelibolu Yarım Adası Savaş Arkeojeofiziği Çalışmaları, 2018 - 2019

GÜNDOĞDU E., ÖZDEN S., YALÇINER C. Ç., Project Supported by Higher Education Institutions, Simav ve Civarındaki Aktif Fayların 3 Boyutlu Fay Geometrisinin GPR (Yeraltı Radarı) Yöntemi ile Belirlenip Modellenmesi, 2015 - 2016

Metrics

Publication: 75

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Citation (Scopus): 352

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