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Education Information

Doctorate, University of Patras, Fen Fakültesi, Jeoloji, Greece 2009 - 2015

Postgraduate, Dokuz Eylul University, Institute Of Science, Turkey 2006 - 2009

Undergraduate, Dokuz Eylul University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 2002 - 2006

Dissertations

Doctorate, Genesis, evolution and economic significance of the northern and the eastern parts of Karapınar-Ayrancı coal deposit, University of Patras, 2015

Postgraduate, Palynofacies analyses of coal bearing sediments in the Çanakkale-Çan basin (NW Turkey), Dokuz Eylul University, Faculty Of Engineering, Department Of Geological Engineering, 2009

Research Areas

Geological Engineering, Energy Resources, Coal Geology, Petroleum Geology, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Başkent Osb Teknik Bilimler Myo, 2019 - Continues

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

- I. **Mineralogy, petrography, and Rock-Eval pyrolysis of late Oligocene coal seams in the Malkara coal field from the Thrace Basin (NW Turkey)**
KARAYİĞİT A. İ. , OSKAY R. G. , ÇELİK Y.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.244, 2021 (Journal Indexed in SCI)
- II. **A multidisciplinary study and palaeoenvironmental interpretation of middle Miocene Keles lignite (Harmanç?k Basin, NW Turkey), with emphasis on syngenetic zeolite formation**
Celik Y., KARAYİĞİT A. İ. , OSKAY R. G. , Kayseri-Ozer M. S. , Christanis K., Hower J. C. , Querol X.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.237, 2021 (Journal Indexed in SCI)
- III. **Meso- and microporosity characteristics of Miocene lignite and subbituminous coals in the Kinik coalfield (Soma Basin, W. Turkey)**
KARAYİĞİT A. İ. , OSKAY R. G. , Bulut Y., Mastalerz M.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.232, 2020 (Journal Indexed in SCI)
- IV. **The geology, mineralogy, petrography, and geochemistry of the Miocene Dursunbey coal within fluvio-lacustrine deposits, Balıkesir (Western Turkey)**

- KARAYİĞİT A. İ. , Bircan C., OSKAY R. G. , Turkmen I., Querol X.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.228, 2020 (Journal Indexed in SCI)
- V. **Variations in elemental and mineralogical compositions of Late Oligocene, Early and Middle Miocene coal seams in the Kale-Tavas Molasse sub-basin, SW Turkey**
KARAYİĞİT A. İ. , Atalay M., OSKAY R. G. , Cordoba P., Querol X., Bulut Y.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.218, 2020 (Journal Indexed in SCI)
- VI. **Mineralogy, petrography and organic geochemistry of Miocene coal seams in the Kinik coalfield (Soma Basin-Western Turkey): Insights into depositional environment and palaeovegetation**
Oskay R. G. , Bechtel A., KARAYİĞİT A. İ.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.210, 2019 (Journal Indexed in SCI)
- VII. **Mineralogy and geochemistry of feed coals and combustion residues of the Kangal power plant (Sivas, Turkey)**
Karayigit A. İ. , Oskay R. G. , Gayer R. A.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.3, pp.438-456, 2019 (Journal Indexed in SCI)
- VIII. **Coal features and depositional environment of the Northern Karapinar-Ayranci coal deposit (Konya, Central Turkey)**
Oskay R. G. , Christanis K., Salman M.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.2, pp.260-274, 2019 (Journal Indexed in SCI)
- IX. **Bituminous coal seams from underground mines in the Zonguldak Basin (NW Turkey): Insights from mineralogy, coal petrography, Rock-Eval pyrolysis, and meso-and microporosity**
KARAYİĞİT A. İ. , Mastalerz M., Oskay R. G. , Buzkan I.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.199, pp.91-112, 2018 (Journal Indexed in SCI)
- X. **Coal petrography, mineralogy, elemental compositions and palaeoenvironmental interpretation of Late Carboniferous coal seams in three wells from the Kozlu coalfield (Zonguldak Basin, NW Turkey)**
KARAYİĞİT A. İ. , MASTALERZ M., Oskay R. G. , GAYER R. A.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.187, pp.54-70, 2018 (Journal Indexed in SCI)
- XI. **Meso- and microporosity of the subbituminous km² coal seam (Soma, Turkey) and its relationship with coal characteristics**
KARAYİĞİT A. İ. , Mastalerz M., Oskay R. G. , Querol X., Lieberman N. R.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.184, pp.73-87, 2017 (Journal Indexed in SCI)
- XII. **Coal characteristics, palynology, and palaeoenvironmental interpretation of the Yenikoy coal of Late Oligocene age in the Thrace Basin (NW Turkey)**
Celik Y., KARAYİĞİT A. İ. , Querol X., Oskay R. G. , Mastalerz M., Kayseri Ozer M. S.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.181, pp.103-123, 2017 (Journal Indexed in SCI)
- XIII. **The Miocene coal seams in the Soma Basin (W. Turkey): Insights from coal petrography, mineralogy and geochemistry**
KARAYİĞİT A. İ. , Littke R., Querol X., Jones T., Oskay R. G. , Christanis K.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.173, pp.110-128, 2017 (Journal Indexed in SCI)
- XIV. **Coal characteristics, elemental composition and modes of occurrence of some elements in the isaalan coal (Balikesir, NW Turkey)**
KARAYİĞİT A. İ. , Bircan C., Mastalerz M., Oskay R. G. , Querol X., Lieberman N. R. , Turkmen I.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.172, pp.43-59, 2017 (Journal Indexed in SCI)
- XV. **A multidisciplinary study of the Golbasi-Harmanh coal seam, SE Turkey**
KARAYİĞİT A. İ. , Oskay R. G. , TUNCER A., MASTALERZ M., Gumus B. A. , SENGULER I., YARADILMIS H., TUNOĞLU C.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.167, pp.31-47, 2016 (Journal Indexed in SCI)
- XVI. **Palaeoenvironmental reconstruction of the eastern part of the Karapinar-Ayranci coal deposit (Central Turkey)**
Oskay R. G. , Christanis K., Inaner H., Salman M., Taka M.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.163, pp.100-111, 2016 (Journal Indexed in SCI)
- XVII. **Palaeoenvironmental reconstruction of Husamlar coal seam, SW Turkey**

Buckun Z., Inaner H., Oskay R. G. , Christanis K.

JOURNAL OF EARTH SYSTEM SCIENCE, vol.124, no.4, pp.729-746, 2015 (Journal Indexed in SCI)

XVIII. **Palaeoenvironmental reconstruction of the cardak coal seam, SW Turkey**

KARAYİĞİT A. İ. , Oskay R. G. , Christanis K., TUNOĞLU C., TUNCER A., BULUT Y.

INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.139, pp.3-16, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Mineralogy and Geochemistry of Feed Coals and Combustion Residues from Tunçbilekand Seyitömer Coal-Fired Power Plants in Western Turkey**
KARAYİĞİT A. İ. , Yiğitler Ö., İşerli S., Querol X., Mastalerz M., OSKAY R. G. , Hower J.
Coal Combustion and Gasification Products, vol.11, pp.18-31, 2019 (Refereed Journals of Other Institutions)
- II. **Maturity of dispersed organic matter in bituminous formations of the Ionian Zone (Epirus region, NW Greece)**
Rallakis D., Siavalas G., OSKAY R. G. , Tsimiklis D., CHRISTANIS K.
Bulletin of the Geological Society of Greece, vol.47, pp.880-889, 2017 (Refereed Journals of Other Institutions)
- III. **Coal deposits of Turkey: properties and importance on energy demand**
OSKAY R. G. , İNANER H., KARAYİĞİT A. İ. , CHRISTANIS K.
Bulletin of the Geological Society of Greece, vol.47, pp.2111-2121, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **An example for early Miocene paralic coal formation Kale-Tavas Molasse Sub-Basin (Denizli, SW Turkey)**
Karayığit A. İ. , Kayseri Özer M. S. , Oskay R. G. , Bulut Y.
Sedimentoloji Çalışma Grubu 2020 Çalıştayı, Balıkesir, Turkey, 1 - 05 September 2021, pp.10-11
- II. **Determination of Elemental Affinities in Soma Lower (km²) Coal Seam in Soma Basin Using Agglomerative Hierarchical Clustering Algorithm**
Eminağaoğlu M., Oskay R. G. , Karayığit A. İ.
4th International Conference on Data Science and Applications (ICONDATA'21), Yalova, Turkey, 4 - 06 June 2021, pp.31
- III. **A sample for Early Oligocene Bituminous Coal Formation: Kale-Tavas (Denizli) Sub-basin, SW Turkey**
Karayığit A. İ. , Oskay R. G. , Kayseri Özer M. S. , Bulut Y.
73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, pp.323-324
- IV. **Elemental contents of Dursunbey Miocene coals, Balıkesir (Western Anatolia)**
KARAYİĞİT A. İ. , BİRCAN C., OSKAY R. G. , Querol X., Turkmen I.
International Earth Science Colloquium On the Aegean Region 2019 (IESCA 2019), İzmir, Turkey, 7 - 11 October 2019
- V. **The Turkish Cenozoic Coals: A review of coal petrology, mineralogy and geochemistry**
OSKAY R. G. , KARAYİĞİT A. İ. , Bulut Y.
International Earth Science Colloquium On the Aegean Region 2019 (IESCA 2019), İzmir, Turkey, 7 - 11 October 2019
- VI. **MINERAL FORMATION DURING ARTIFICIAL ASHING OF KARAPINAR-AYRANCI COAL**
OSKAY R. G. , CHRISTANIS K.
72. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 28 January - 01 February 2019
- VII. **Preliminary Results of Coal Quality, Coal Petrography and Mineralogy of Coal Seams in the Alacağzı Formation, Zonguldak (NW Turkey)**
OSKAY R. G.
72. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 28 January - 01 February 2019

- VIII. **Mineralogical, Petrographical and Organic Geochemical Properties of Kınık Coals, Soma Basin (Turkey)**
OSKAY R. G. , Bechtel A., KARAYİĞİT A. İ.
72. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 28 January - 01 February 2019
- IX. **Mode of Occurrence and Leachability of Environmental-Sensitive Elements from Karapınar-Ayrancı Coal Deposit (South-Central Turkey)**
OSKAY R. G. , Oikonomou K., CHRISTANIS K., Kalaitzidis S.
8th Geochemistry Symposium, Antalya, Turkey, 2 - 06 May 2018
- X. **MINERALOGY, TOC AND ROCK-EVAL PYROLYSIS OF COAL SEAMS IN THE LATE OLIGOCENE-EARLY OLIGOCENE AGED DANİŞMEN FORMATION (MALKARA, TEKİRDAĞ, TURKEY)**
KARAYİĞİT A. İ. , OSKAY R. G. , ÇELİK Y.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018
- XI. **POROSITY INVESTIGATION OF KINIK COALS (SOMA BASINTURKEY) USING X-RAY MICRO-CT**
KARAYİĞİT A. İ. , ÇUBUKÇU H. E. , OSKAY R. G. , AKKAŞ E.
71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018
- XII. **Origin of minerals in high-ash Jurassic coals and coaly shales, Gümüşhane (NE Turkey)**
KARAYİĞİT A. İ. , OSKAY R. G.
69th Annual Meeting of the International Committee for Coal and Organic Petrology, Bükreş, Romania, 3 - 09 October 2017
- XIII. **Microfaunal assemblage of the Gölbaşı-Harmanlı (SE Anatolia) coal seam: Interpretations on Quaternary geographic distribution of some Eastern Mediterranean taxa**
TUNCER A., TUNOĞLU C., GÜMÜŞ B. A. , KARAYİĞİT A. İ. , OSKAY R. G.
2nd International Meeting of Early-stage Researchers in Palaeontology, Sigri, Greece, 19 - 22 May 2017
- XIV. **Ostracod-based paleoenvironmental, and chronostratigraphic approaches: Neogene Çardak (Denizli) and Quaternary Gölbaşı- Harmanlı (Adıyaman) coal deposits**
TUNCER A., TUNOĞLU C., KARAYİĞİT A. İ. , OSKAY R. G.
17. Paleontoloji Çalıştayı, Balıkesir, Turkey, 13 - 16 October 2016
- XV. **Preliminary Results from the Micropalaeontological Study of the Karapınar-Ayrancı Coal Deposit (South - Central Anatolia, Turkey)**
Redoumi E., Iliopoulos G., OSKAY R. G. , CHRISTANIS K., SALMAN M.
17. Paleontoloji Çalıştayı, Balıkesir, Turkey, 13 - 16 October 2016
- XVI. **Organic Petrology in service of Archaeology: a study on chars from Çukuriçi Höyük, Western Turkey**
CHRISTANIS K., Siavalas G., OSKAY R. G. , Wolf D., Horejs B.
67th Annual Meeting of the International Committee for Coal and Organic Petrology, 5 September - 11 October 2016
- XVII. **Preliminary results of coal petrology and micropaleontology studies of the coal-bearing sequence in the Şarkikaraağaç Coal Field, Isparta (SW Anatolia)**
TUNCER A., KARAYİĞİT A. İ. , OSKAY R. G. , Bulut Y., TUNOĞLU C.
70. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 March - 14 April 2016
- XVIII. **Coal Quality of the Miocene Muğla-Hüsamlar Lignite**
BÜÇKÜN Z., İNANER H., OSKAY R. G. , CHRISTANIS K.
68. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2015
- XIX. **Coal Quality of the Miocene Muğla-Hüsamlar Lignite**
BÜÇKÜN Z., İNANER H., OSKAY R. G. , CHRISTANIS K.
68. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 6 - 10 April 2015
- XX. **Coal-petrography and mineralogical studies of the Çardak coal deposit (SW Turkey)**
OSKAY R. G. , KARAYİĞİT A. İ. , CHRISTANIS K.
65th Annual Meeting of the ICCP, Katowice, Poland, 25 - 31 August 2013
- XXI. **Petrology, mineralogy and depositional environment of the Karapınar-Ayrancı lignite (Konya, Central Turkey)**
OSKAY R. G. , SALMAN M., Taka M., CHRISTANIS K., İNANER H.

- International Earth Science Colloquium on the Aegean Region, IESCA-2012, İzmir, Turkey, 1 - 05 October 2012
- XXII. **Palynofacies analysis of Seam I in the Marathousa Lignite Mine, Megalopolis Basin (Southern Greece)**
OSKAY R. G. , Siavalas G., CHRISTANIS K.
International Earth Science Colloquium on the Aegean Region, IESCA-2012, İzmir, Turkey, 1 - 05 October 2012
- XXIII. **Preliminary results of palynofacies analysis from Megalopolis Seam I (S. Greece)**
OSKAY R. G. , Siavalas G., CHRISTANIS K.
62nd Annual Meeting of the ICCP, Belgrade, Serbia And Montenegro, 26 September 2010 - 02 October 2011
- XXIV. **Preliminary results from the lignite deposit in the Karapınar-Ayrancı Basin (Konya, Central Turkey)**
OSKAY R. G. , SALMAN M., Taka M., CHRISTANIS K.
63rd Annual Meeting of the ICCP, Porto, Portugal, 10 - 16 September 2011
- XXV. **Germeyanyalı (Karaburun Yarımadası-İzmir) Çevresinde Volkanosedimenter Bir İstif İçinde Balık Fosil Bulgusu**
OSKAY R. G. , İŞİNTEK İ., AKAY E., KAYA T. T.
VIII. Paleontoloji-Stratigrafi Çalıştayı, Çanakkale, Turkey, 7 - 09 September 2007

Citations

Total Citations (WOS):200

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Scholarships

Doktorasonrası Bursu, TUBITAK, 2018 - 2019

Doktorasonrası Araştırmacı Bursu, TUBITAK, 2017 - 2017

PhD Scholarship, Official Institutions of Foreign Countries, 2009 - 2013