

## Prof. Erol KAM

### Personal Information

Office Phone: [+90 212 383 4243](tel:+902123834243)

Email: [erolkam@yildiz.edu.tr](mailto:erolkam@yildiz.edu.tr)

Web: <http://avesis.yildiz.edu.tr/erolkam/>

### Education Information

Doctorate, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Nükleer Fizik Abd, Turkey 2005 - 2010

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Nükleer Fizik Abd, Turkey 2001 - 2004

### Certificates, Courses and Trainings

Vocational Course, "International Training Course on State Systems of Accounting for and Control of Nuclear Material", International Atomic Energy Agency, JAEA, İbaraki, Tokyo, 2012., Japan Atomic Authority, 2012

Technology Assessment, Regional Workshop on Decommissioning Strategies and Preliminary for Research Reactors, International Atomic Energy Agency, May-2005, İstanbul, IAEA, 2005

### Research Areas

Physics, Nuclear physics, Nuclear Structure, Natural Sciences

### Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Fen Ed Fakültesi, Fizik, 2018 - Continues

### Advising Theses

Kam E., NİKEL-63 VE PROMETYUM-147 RADYOİZOTOPLARI İLE GÜÇLENDİRİLMİŞ BETAVOLTAİK VE DOĞRUDAN ŞARJLI NÜKLEER PİLLERİN DENEYSEL İNCELENMESİ, Doctorate, S.AYDIN(Student), 2019

Kam E., Radiation Doses of Personnel in Interventional Cardiology Applications, Post Graduate, K.Hışıroğlu(Student), 2019

KAM E., MARMARA DENİZİ İZMİT KÖRFEZİ ALTINOVA TERSANE BÖLGESİNDE AĞIR METAL VE ÇEVRESEL RADYOAKTİVİTE İNCELEMESİ, Post Graduate, K.BAYRAK(Student), 2018

KAM E., KULAKÇAYIRI GÖLÜNÜN DOĞAL RADYOAKTİVİTE VE AĞIR METAL KİRLİLİĞİNİN BELİRLENMESİ, Post Graduate, G.Açıkgöz(Student), 2018

KAM E., İzmir Körfezi Karot Sedimentlerinin Radyoaktivite Ve Kimyasal Parametrelerle Kirliliğinin Araştırılması, Post Graduate, D.Kurt(Student), 2016

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

- I. **Distribution of Trace Metals in Street Dusts and Tree Leaves and Their Source Identification in a Mid-Populated Anatolian City**  
NUHOĞLU Y., YAZICI M., NUHOĞLU Ç., KUZU S. L. , Osmanhoglu A. E. , KAM E.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.105, pp.103-110, 2020 (Journal Indexed in SCI)
- II. **Processing and properties of boron carbide (B<sub>4</sub>C) reinforced LDPE composites for radiation shielding**  
Avcıoğlu S., Buldu M., Kaya F., Üstündağ C. B. , KAM E., Menceloglu Y. Z. , Kaptan H. Y. , Kaya C.  
CERAMICS INTERNATIONAL, vol.46, pp.343-352, 2020 (Journal Indexed in SCI)
- III. **Investigation of nickel-63 radioisotope-powered GaN betavoltaic nuclear battery**  
Aydin S., Kam E.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.43, pp.8725-8738, 2019 (Journal Indexed in SCI)
- IV. **Ecological analysis of heavy metal and radioactivity potential of Holocene sediments in Iznik Lake**  
Yümün Z. Ü. , Kam E.  
NUKLEONIKA, vol.64, pp.103-109, 2019 (Journal Indexed in SCI)
- V. **A portable fast neutron radiography system for non-destructive analysis of composite materials**  
KAM E., REYHANCAN İ., BIYIK R.  
NUKLEONIKA, vol.64, pp.97-101, 2019 (Journal Indexed in SCI)
- VI. **An investigation of anthropogenic pollution in soil samples from residential areas in Erzincan city center and its vicinity by evaluating chemical factors**  
YALÇIN P., KAM E., Yumun Z. U. , Kurt D.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, 2018 (Journal Indexed in SCI)
- VII. **Developing of an automation for therapy dosimetry systems by using labview software**  
Aydin S., Kam E.  
RESULTS IN PHYSICS, vol.9, pp.1007-1015, 2018 (Journal Indexed in SCI)
- VIII. **Effects of radionuclides on the recent foraminifera from the clastic sediments of the Canakkale Strait-Turkey**  
Yumun Z. U. , KAM E.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.131, pp.179-182, 2017 (Journal Indexed in SCI)
- IX. **A multi disciplinary overview of factors controlling on meiofauna assemblages around Maden and Alibey islands in Ayvalik (Balıkesir, Eastern Aegean Sea)**  
Meric E., AVŞAR N., NAZİK A., YOKEŞ B., Barut I. F. , Suner F., Sari E., Eryılmaz M., Yucesoy-Eryılmaz F., Dora O., et al.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.129, pp.558-578, 2017 (Journal Indexed in SCI)
- X. **Meiofauna, microflora and geochemical properties of the late quaternary (Holocene) core sediments in the Gulf of Izmir (Eastern Aegean Sea, Turkey)**  
Yumun Z. U. , Meric E., AVŞAR N., NAZİK A., Barut I. F. , Yokes B., SAGULAR E. K. , Yildiz A., Eryılmaz M., KAM E., et al.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.124, pp.383-408, 2016 (Journal Indexed in SCI)
- XI. **Assessment of gross alpha and beta radioactivity for drinking water in Hatay province, Turkey**  
TURGAY M. E. , YAZICI A. N. , TASKIN H., Kam E., KARAHAN G.  
DESALINATION AND WATER TREATMENT, vol.57, pp.4960-4965, 2016 (Journal Indexed in SCI)
- XII. **Migration test column for decontamination of radioactive liquids by using natural tuff**  
Kam E., Osmanlioglu A. E. , Bozkurt A.  
DESALINATION AND WATER TREATMENT, vol.52, pp.6817-6821, 2014 (Journal Indexed in SCI)
- XIII. **Environmental Radioactivity and High Incidence Rates of Stomach and Esophagus Cancer in the Van Lake Region: A Causal Relationship?**  
Akan Z., Baskurt B., Asliyukse H., Kam E., Yilmaz A., Yuksel M. B. , Biyik R., Esen R., Koca D.  
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, pp.375-380, 2014 (Journal Indexed in SCI)
- XIV. **Quality control of iodine-131-labeled metaiodobenzylguanidine**  
Tasdelen B., Kam E., Asliyukse H.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.35, pp.95-98, 2014 (Journal Indexed in SCI)
- XV. **Natural radioactivity in bottled mineral and thermal spring waters of Turkey**

- Taskin H., Asliyukse H., Bozkurt A., Kam E.  
RADIATION PROTECTION DOSIMETRY, vol.157, pp.575-578, 2013 (Journal Indexed in SCI)
- XVI. **Cationic dye adsorption by poly(N-isopropylacrylamide/maleic acid) copolymeric hydrogels prepared by gamma rays**  
Tasdelen B., Osmanlioglu A. E. , Kam E.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.298, pp.1469-1476, 2013 (Journal Indexed in SCI)
- XVII. **The adsorption behavior of cesium on poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels**  
Tasdelen B., Osmanlioglu A. E. , Kam E.  
POLYMER BULLETIN, vol.70, pp.3041-3053, 2013 (Journal Indexed in SCI)
- XVIII. **X-Ray, Gamma, and Neutron Radiation Tests on Epoxy-Ferrochromium Slag Composites by Experiments and Monte Carlo Simulations**  
Korkut T., Gencel O., Kam E., Brostow W.  
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.18, pp.224-231, 2013 (Journal Indexed in SCI)
- XIX. **Determination of gross alpha and beta activity concentrations in drinking waters in Bursa region of north-western Turkey**  
Taşkın H., KAM E., BOZKURT A.  
DESALINATION AND WATER TREATMENT, vol.45, pp.21-25, 2012 (Journal Indexed in SCI)
- XX. **Determination of gross alpha and beta activity concentrations in drinking waters in Bursa region of north-western Turkey**  
Taskin H., Kam E., Bozkurt A.  
DESALINATION AND WATER TREATMENT, vol.45, pp.21-25, 2012 (Journal Indexed in SCI)
- XXI. **A study of environmental radioactivity measurements for Cankiri, Turkey**  
Kapdan E., Taskin H., Kam E., Osmanlioglu A. E. , Karahan G., Bozkurt A.  
RADIATION PROTECTION DOSIMETRY, vol.150, pp.398-404, 2012 (Journal Indexed in SCI)
- XXII. **Investigation of radioactivity level in soil and drinking water samples collected from the city of Erzincan, Turkey**  
YALÇIN P., Taskin H., Kam E., Taskin H., Terzi M., Varinlioglu A., Bozkurt A., Bastug A., Tasdelen B.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, pp.999-1006, 2012 (Journal Indexed in SCI)
- XXIII. **Uranyl ion uptake capacity of poly (N-isopropylacrylamide/maleic acid) copolymeric hydrogels prepared by gamma rays**  
Kam E., TASDELEN B., OSMANLIOGLU A. E.  
RADIATION PHYSICS AND CHEMISTRY, vol.81, pp.618-621, 2012 (Journal Indexed in SCI)
- XXIV. **ASSESSMENT OF NATURAL RADIOACTIVITY CONCENTRATIONS AND GAMMA DOSE RATE LEVELS IN KAYSERI, TURKEY**  
Otansev P., Karahan G., Kam E., Barut I., Taskin H.  
RADIATION PROTECTION DOSIMETRY, vol.148, pp.227-236, 2012 (Journal Indexed in SCI)
- XXV. **Determination and calculation of gamma and neutron shielding characteristics of concretes containing different hematite proportions**  
Gencel O., Bozkurt A., Kam E., Korkut T.  
ANNALS OF NUCLEAR ENERGY, vol.38, pp.2719-2723, 2011 (Journal Indexed in SCI)
- XXVI. **A study of background radioactivity level for Canakkale, Turkey**  
Kam E., Bozkurt A., ILGAR R.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.168, pp.685-690, 2010 (Journal Indexed in SCI)
- XXVII. **A STUDY OF BACKGROUND RADIOACTIVITY LEVEL FOR TEKIRDAG, TURKEY**  
Kam E., Yarar Y., Bozkurt A.  
RADIATION PROTECTION DOSIMETRY, vol.138, pp.40-44, 2010 (Journal Indexed in SCI)
- XXVIII. **Morphological abnormalities in benthic foraminifers of the Antalya coast**  
Meric E., AVŞAR N., Yokes M. B. , Tugrul A. B. , Bayari S., Ozyurt N., Barut I. F. , Balkis N., UYSAL K., Kam E.

- MICROPALEONTOLOGY, vol.54, pp.241-276, 2008 (Journal Indexed in SCI)
- XXIX. **Assessment of environmental radioactivity for Sanliurfa region of southeastern Turkey**  
Bozkurt A., Yorulmaz N., Kam E., KARAHAN G., OSMANLIOGLU A. E.  
RADIATION MEASUREMENTS, vol.42, pp.1387-1391, 2007 (Journal Indexed in SCI)
- XXX. **Assessment of background radioactivity level for Gaziantep region of southeastern Turkey**  
Osmanlioglu A. E. , Kam E., Bozkurt A.  
RADIATION PROTECTION DOSIMETRY, vol.124, pp.407-410, 2007 (Journal Indexed in SCI)
- XXXI. **Environmental radioactivity measurements in Kastamonu region of northern Turkey**  
Kam E., BOZKURT A.  
APPLIED RADIATION AND ISOTOPES, vol.65, pp.440-444, 2007 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Evaluation of excess lifetime cancer risk caused by external exposure due to natural radioactivity in Bolu, Turkey**  
Kam E., Ateş Z. N. , Bayrak K., Turgay M. E.  
Sigma Journal of Engineering and Natural Sciences, vol.38, pp.945-954, 2020 (International Refereed University Journal)
- II. **Radionuclide Potential of Holocene Sediments in the West of Marmara Sea (Turkey)**  
Kam E., Yümün Z. Ü.  
Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, pp.517-524, 2020 (Refereed Journals of Other Institutions)
- III. **Ecology of benthic foraminifera of the eastern Aegean Sea coasts**  
Meriç E., Avşar N., Yokeş M. B. , Barut İ. F. , Dinçer F., Bircan C., Kam E.  
International Journal of Environment and Geoinformatics, vol.7, pp.6-22, 2020 (International Refereed University Journal)
- IV. **GAMMA DOSE VALUES OF STRATIGRAPHIC UNITS OF BEHRAMKALE (ÇANAKKALE) - ZEYTİNLİ (EDREMIT-BALIKESİR) SECTION OF KAZ MOUNTAINS**  
Yümün Z. Ü. , Kam E., Önce M.  
Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, pp.207-214, 2019 (Refereed Journals of Other Institutions)
- V. **Analysis and Correlation of Element Concentrations of Marine Sediments between Silivri (İstanbul) and Dardanelles by ICP-OES and LIBS Methods**  
Yümün Z. Ü. , Kam E.  
European Journal of Science and Technology, vol.17, pp.951-958, 2019 (Refereed Journals of Other Institutions)
- VI. **ANALYSIS OF TOXIC ELEMENT WITH ICP-OES AND LIBS METHODS IN MARINE SEDIMENTS AROUND THE SEA OF MARMARA IN KAPIDAĞ PENINSULA**  
Yümün Z. Ü. , Kam E., Önce M.  
Journal of Engineering Technology and Applied Sciences, 2019 , vol.4, no.1, pp.43-50, 2019 (Refereed Journals of Other Institutions)
- VII. **Concentrations of Environmental Radioactivity in Sediment Cores from Kulakcayiri Lake**  
KAM E., Yümün Z. Ü. , Açıkgöz G., Bayrak K.  
Journal of the Turkish Chemical Society, Section A:CHEMISTRY, vol.5, pp.1371-1374, 2018 (International Refereed University Journal)
- VIII. **Heavy Metals in Marine Sediments of Gulf of Izmir**  
KAM E., YÜMÜN Z. Ü. , Kurt D.  
International Journal of Marine and Environmental Sciences, vol.12, no.11, pp.708-712, 2018 (Refereed Journals of Other Institutions)
- IX. **DOĞANBEY BURNU (SEFERİHİSAR-İZMİR) DENİZDİBİ TERMAL SU KAYNAKLARININ FORAMİNİFER, OSTRAKOD VE MOLLUSK TOPLULUĞUNA ETKİSİ (The effect of submarine thermal springs of**

**Dođanbey Cape (Seferihisar - İzmir) on foraminifer, ostracod and mollusc assemblages)**

MERİÇ E., BARUT İ., NAZİK A., AVŞAR N., YOKEŞ B., YOKEŞ B., ERYILMAZ M., YÜCESOY ERYILMAZ F., KAM E., SONUVAR B., et al.

Maden Tetkik ve Arama Dergisi, vol.156, pp.89-118, 2018 (Journal Indexed in ESCI)

- X. **Determining Natural Radiation Level in River Water of Upper Euphrates (Karasu) Basin's Part Located in Erzincan Province Borders**  
Yalçın P., KAVAZ M., Yildirim ., KAM E.  
Journal of Physical Science and Application, vol.2, pp.43-52, 2018 (Refereed Journals of Other Institutions)
- XI. **Determination of Natural Radiation Levels in Izmit Gulf Altinova Shipyard Area**  
Bayrak K., Yumun Z. U. , KAM E.  
Journal of Biological& Environmental Sciences, vol.12, pp.7-11, 2018 (International Refereed University Journal)
- XII. **The effect of submarine thermal springs of Doganbey Cape (Seferihisar - Izmir) on foraminifer, ostracod and mollusc assemblages**  
Meriç E., Barut I. F. , NAZİK A., AVŞAR N., Yokes M. B. , Eryilmaz M., Yucesoy-Eryilmaz F., KAM E., Sonuvar B., Dincer F.  
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, vol.156, pp.87-115, 2018 (Journal Indexed in ESCI)
- XIII. **The Origin of the Gross Alpha and Beta Radiation Values of the Waters of Çanakkale Strait (Çanakkale/Turkey)**  
KAM E., Önce M., Yümün S.  
Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA; e-ISSN: 2149-0120), vol.4, pp.729-738, 2017 (National Refreed University Journal)
- XIV. **Dođu Ege Denizi'nde (Ildır-İzmir, Akköy-Aydın Ve Güllükmuđla) Balık Çiftliklerinin Foraminifer Ve Ostrakod Topluluklarına Etkisi (The Effect of the Fish Farms on the Faunal Assemblages in the Eastern Aegean Sea (Ildır-İzmir, Akköy-Aydın and Güllük-Muđla)).**  
MERİÇ E., AVŞAR N., NAZİK A., YOKEŞ B., BARUT İ., ERYILMAZ M., DİNÇER F., KAM E., SONUVAR B., BAYKAL K.  
TPJD Bülteni, vol.27, pp.13-30, 2017 (Other Refereed National Journals)
- XV. **Gross Alpha and Gross Beta Activity Concentrations in Sediments in Gulf of Izmir (Eastern Aegean Sea, Turkey)**  
KAM E., YÜMÜN Z. Ü. , Kurt D.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, pp.889-898, 2017 (Refereed Journals of Other Institutions)
- XVI. **THE ORIGIN OF THE TOTAL ALPHA AND BETA RADIATION VALUES OF THE WATERS OF ÇANAKKALE STRAIT (ÇANAKKALE/TURKEY)**  
KAM E., ÖNCE M., YÜMÜN S.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, pp.729-738, 2017 (Refereed Journals of Other Institutions)
- XVII. **POLLUTION POTENTIAL OF HEAVY METALS IN THE CURRENT SEA SEDIMENTS BETWEEN BANDIRMA (BALIKESİR) AND LAPSEKİ (ÇANAKKALE) IN THE MARMARA SEA**  
KAM E., Önce M.  
Journal of Engineering Technology and Applied Sciences, vol.1, pp.141-148, 2016 (Refereed Journals of Other Institutions)
- XVIII. **GENERATION OF DIAGNOSTIC X-RAY RADIATION QUALITIES IN THE SSDL X-RAY SYSTEM ACCORDING TO IEC 61267 STANDARD**  
Yaşar D., Kapdan E., Erez H., Zengin T., KAM E.  
Journal of Engineering Technology and Applied Sciences, vol.1, pp.133-139, 2016 (Refereed Journals of Other Institutions)
- XIX. **Gamma Dose Rate Values In The Kulakçayiri Natural Lake And The Vicinity Arnavutköy İstanbul**  
KAM E., YÜMÜN Z. Ü. , Önce M., Açıkgöz G.  
Journal of Engineering Technology and Applied Sciences, vol.1, pp.27-32, 2016 (Refereed Journals of Other Institutions)
- XX. **Stratigraphic and Geochemical Characteristics of Kulakçayiri Lake (Istanbul/Turkey) And Its Vicinity**

YÜMÜN Z. Ü. , KAM E., Önce M., Yümün S., Açıkgöz G.

Journal of Engineering Technology and Applied Sciences, vol.1, pp.69-75, 2016 (Refereed Journals of Other Institutions)

- XXI. **Distribution of gamma radiation levels in core sediment samples in Gulf of İzmir Eastern Aegean Sea Turkey**  
Kurt D., YÜMÜN Z. Ü. , Baruk i., KAM E.  
International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering, vol.10, pp.384-383, 2016 (Refereed Journals of Other Institutions)
- XXII. **Natural Radioactivity in Foods Consumed in Turkey**  
KAM E., Karahan G., ASLIYÜKSEK H., BOZKURT A.  
International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering, vol.10, pp.373-378, 2016 (Refereed Journals of Other Institutions)
- XXIII. **Gamma Dose Rate Values In The Kulakçayiri Natural Lake And The Vicinity (Arnavutköy, İstanbul)**  
KAM E., YÜMÜN Z. Ü. , Önce M., Açıkgöz G.  
Journal of Engineering Technology and Applied Sciences, vol.1, pp.27-32, 2016 (Refereed Journals of Other Institutions)
- XXIV. **The Effect of the Fish Farms on the Benthic Foraminifer, Ostracod and Mollusc Assemblages of Bottom Sediment in the Eastern Aegean Sea ((Ildir-Izmir, Akköy-Aydin and Güllük-Muğla)**  
MERIC E., AVŞAR N., Nazik A., YOKEŞ B., BARUT I. F. , Dinçer F., ERYILMAZ M., KAM E., Sonuvar B., Baykal K.  
TAPG BULLETIN, vol.27, pp.13-30, 2015 (Refereed Journals of Other Institutions)
- XXV. **İlica Bay Çeşme İzmir Benthic Foraminifer Ostracod Assemblages and Pacific Ocean Red Sea Originated Foraminifera and Abnormal Individuals**  
Meriç E., AVŞAR N., YOKEŞ M. B. , Barut i., NAZİK A., ERYILMAZ M., KAM E., Taşkın H., Başsarı A., BİRCAN C., et al.  
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, vol.145, pp.62-78, 2015 (Refereed Journals of Other Institutions)
- XXVI. **Observed New Findings by Paleontological Data in Hidden Cove on the Northeast of Gökçeada:**  
MERİÇ E., ÖNER E., AVŞAR N., NAZİK A., GÖKSU Y., KAYA-KELEŞ Ş., YOKEŞ B., KAM E., CANDAN O., DİNÇER F.  
TAPG Bulletin ISSN: 1300 - 0942, vol.23, pp.67-97, 2014 (Refereed Journals of Other Institutions)
- XXVII. **Observed New Findings by Paleontological Data in Hidden Cove on the Northeast of Gökçeada**  
Meriç E., ÖNER E., AVŞAR N., NAZİK A., KAPAN S., GÖKSU H. Y. , KAYA KELEŞ Ş., YOKEŞ M. B. , KAM E., CANDAN O., et al.  
TAPG Bulletin, vol.23, pp.67-97, 2014 (Other Refereed National Journals)
- XXVIII. **A New TLD Holder for External Radiotherapy Beam Audit**  
Yaşar D., Demir B., KAM E., Karahan G., Okutan M.  
SDU Journal of Science, vol.8, pp.92-99, 2013 (Other Refereed National Journals)
- XXIX. **Effects of Oceanographic Properties to the Meiofauna Assemblages The North Coasts of Karaburun Peninsula Eastern Aegean Sea**  
barut i., MERİÇ E., KAM E., AVŞAR N., NAZİK A.  
World Academy of Science Engineering and Technology, vol.76, pp.887-896, 2013 (Refereed Journals of Other Institutions)
- XXX. **Karaburun Yarımadası Kuzey Kıyılarınin Oşinografik Özelliklerinin Bentik Foraminifer ve Ostrakod Toplulukları Üzerindeki Etkileri.**  
Meric E., Avsar A. N. , Nazik A., Yokeş B., Dora Ö., Eryılmaz M., Barut I. F. , Dinçer F., KAM E., Aksu A., et al.  
Maden Tertkik Arama Dergisi, pp.22-47, 2012 (Other Refereed National Journals)
- XXXI. **The Influences of Oceanographical Characteristics of The North Coasts of Karaburun Peninsula on The Benthic Foraminiferal and Ostracod Assemblages**  
Meriç E., AVŞAR N., NAZİK A., YOKEŞ M. B. , Barut i., DİNÇER F., KAM E., ERYILMAZ M., Başsarı A., Kılınçarslan A., et al.  
Mineral Res. Exp., Bull., vol.145, pp.22-47, 2012 (Other Refereed National Journals)
- XXXII. **Abnormal Test Formations Observed in the Benthic Foraminifers from Recent Sediments of Alibey and Maden Islands Ayvalık Balıkesir**

meriç e., MEKİK F., YOKEŞ M. B. , Dora Ö., Barut i., YÜCESOY ERYILMAZ F., ERYILMAZ M., DİNÇER F., KAM E.  
Geological Bulletin of Turkey, vol.52, pp.31-84, 2009 (Other Refereed National Journals)

**XXXIII. Alibey ve Maden adaları (Ayvalık-Balikesir) çevresi genç çökellerinde gözlenen bentik foraminifer kavkılarındaki anormal oluşumlar ve nedenleri**

Meriç E., Avşar N., Mekik F., Yokeş B., Barut İ., Dora Ö., Suner F., Yücesoy F., Eryılmaz M., Dinçer F., et al.  
Geological Bulletin of Turkey, vol.52, pp.31-84, 2009 (Other Refereed National Journals)

**XXXIV. Harmantaşı Mevkii deniziçi kaynakları çevresindeki foraminifer ve ostrakod topluluğuna bu alandaki çevresel koşulların etkisi**

Meriç E., Avsar N., Nazik A., Tunoğlu C., Yokeş B., Barut İ., Yücesoy-Eryılmaz F., Tuğrul B., Görmüş M., Öncel M. S. , et al.  
Maden Tertkik Arama Dergisi, pp.63-84, 2008 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Mersin, Kars, Iğdır, Bartın, KARABÜK illerinin Doğal Fon Radyasyon Haritasının Çıkarılması ve Eser Element Analizler**  
Bıyık R., Karahan G., Bayülken S., Kam E., Et A.  
TAEK, Ankara, 2014
- II. **THE SCIENCE AND EDUCATION AT THE BEGINNING OF THE 21ST CENTURY IN TURKEY**  
Kam E., Barut I. F. , Otansev P., Karahan G.  
in: Annual Effective Dose And Determination of Gross Alpha and Beta Activities In Water Samples, Prof. Dr. Recep Efe, Prof. Dr. Ordenbek Mazbaev, Assoc. Prof. Dr. Zdravka Kostova, Editor, St. Kliment Ohridski University Press Sofia, Oblast Sofia-Grad, pp.1222-1231, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. **XRF Analysis of Airborne Heavy Metals and Distributions of Environment in Sivas City-Turkey through Dust Samples**  
NUHOĞLU Y., Yazıcı M., NUHOĞLU Ç., KAM E., ADAR E., KUZU S. L. , OSMANLIOĞLU A. E.  
5th Eurasia Waste Management Symposium, 26 - 28 October 2020
- II. **INVESTIGATION OF NEUTRON RADIATION SHIELDING CAPABILITY OF THE BORON ADDED BARITE CONCRETE SAMPLES**  
Bayrak K., Kam E.  
The International Conference on Material Science and Technology in Kızılcahamam/ANKARA(IMSTEC 2019), Ankara, Turkey, 18 October 2019, pp.18
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KAM E.

The Third Eurasian Conference on Nuclear Science and its Application, Tashkent, Uzbekistan., 01 October 2004, pp.170

### **XCIII. A Radon Survey in the Some Region of Turkey**

Yıldız Yarar Y., Günaydı T., Kam E.

6th International Conference on High Levels of Natural Radiation and Radon Areas. Kinki University, Osaka, Japan., Osaka, Japan, 6 - 10 September 2004, pp.122

### **XCIV. Determination of The Environmental Radioactivity Concentrations of Tekirdađ in Turkey**

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10th International Conference on Radiation Shielding and 13th Topical Meeting on Radiation Protection and Shielding, ICRS-10 and RPS 2004, Funchal, Madeira Island (Portuđal), Funchal, Portugal, 9 - 14 May 2004, pp.178

## **Supported Projects**

KAM E., Project Supported by Higher Education Institutions, Güneydođu Marmara Denizinde Gemlik - Bandırma Arasının Güncel Denizel Sedimanlarında Toksik Elementlerin Foraniferlere Etkisinin Araştırılması, 2018 - Continues

KAM E., ÜSTÜNDAĞ C. B. , TUBITAK Project, Nükleer Tıp Tesislerinde Yapısal Ve Kişisel Radyasyon Kalkanlama Malzemesi Olarak Kullanılabilecek Bor Karbür Takviyeli Hafif Ve Esnek Polimer Nanokompozitlerin Geliştirilmesi Ve Karakterizasyonu, 2017 - Continues

Kam E., Project Supported by Higher Education Institutions, İzmir Karaburun Bölgesinden Alınan Deniz Sedimentlerinin Radyoaktivite ve Ağır Metal Analizleri, 2020 - 2021

Kam E., Project Supported by Higher Education Institutions, Edremit Körfezinden Alınan Deniz Sedimentlerinin

Radyoaktivite ve Ağır Metal Analizleri, 2020 - 2021

Kam E., Project Supported by Higher Education Institutions, Bazı Soygaz ve Söndürücü Gaz Karışımlarında Farklı Geometri Basınç ve Elektrik Alan Parametreleri İçin 1. Townsed Katsayısının Ölçülmesi, 2019 - 2020

KAM E., ÖNCE M., YÜMÜN Z. U. , Project Supported by Higher Education Institutions, Kuzeydoğu Marmara Denizi Silivri İstanbul İle İstanbul Boğazı Arası Sedimanlarında Ağır Metal ve Doğal Radyonüklit Konsantrasyonlarının Dağılımının Foraminiferler Üzerine Etkilerinin Araştırılması, 2018 - 2020

KAM E., AYDIN S., Project Supported by Higher Education Institutions, Radyoizotop Tabanlı Doğrudan Dönüştüren Betavoltaik Veya Dolaylı Dönüştüren Fotovoltaik Nükleer Pil Geliştirilmesi Ve Enerji Dönüşüm Veriminin Deneysel İncelemesi, 2019 - 2019

KAM E., BAYRAK K., Project Supported by Higher Education Institutions, Marmara Denizi İzmit Körfezi Altınova Tersane Bölgesinde Ağır Metal ve Çevresel Radyoaktivite İncelenmesi, 2018 - 2019

Aydın S., Kam E., Yeltepe E., Dikmen H., Project Supported by Other Private Institutions, Trityum (H-3), Prometyum(Pm-147) ve Nikel (Ni-63) gibi Radyoaktif Kaynaklar ve Çeşitli Yarıiletken Malzemeler Kullanılarak Nükleer Pil Geliştirilmesi, 2017 - 2019

KAM E., AÇIKGÖZ G., Project Supported by Higher Education Institutions, Karadeniz Kıyısında Bulunan Kulakçayırı Gölünden Alınan Karot Örneklerindeki Doğal Radroaktivite Değerlerinin Belirlenmesi, 2016 - 2018

KAM E., Project Supported by Higher Education Institutions, Batı Marmara Denizi'nde (Silivri-Seddülbahir ile Kumkale-Bandırma Arası) Deniz Sedimanlarında Ağır Metal Konsantrasyonlarının Dağılımı ve Foraminiferler Üzerindeki Etkilerinin Araştırılması, 2015 - 2017

KAM E., YEŞİLYURT M., TUBITAK Project, Eğitimde işbirliği protokolü kapsamında MEB ile TÜBİTAK Ulakbim arasında imzalanan müfredat ve ders kitapları hazırlama projesi, 10. sınıf Fizik ders kitabı hazırlama projesi, 2014 - 2015

KAM E., Project Supported by Other Official Institutions, Türkiye'nin Doğal Radyasyon Background Haritasının Çıkarılması, 2012 - 2014

KAM E., Project Supported by Other Official Institutions, Nükleer Güvenlik Ve Emniyet İle Radyasyon Güvenliği Ve Radyasyon Kaynaklarının Emniyetinin Sağlanması, 2012 - 2014

KAM E., Project Supported by Other Official Institutions, Radyasyon ölçer cihazlarının kalibrasyonu, tahribatsız testler ve diğer analizleri- Hacimsel Malzemelerin Üç Boyutlu Hızlı Nötron Radyografi ve Tomografisi ile Tahribatsız Analizi, 2011 - 2014

KAM E., Project Supported by Other Official Institutions, Nükleer ve radyolojik bir tehlike durumlarına müdahalenin etkinleştirilmesi, 2011 - 2013

KAM E., TUBITAK Project, Aşırı alkali Van Gölü kıyı ortam mikrobial matris oluşumlarının organik ve moleküler jeokimyası ile yeraltısularının biomineralizasyon gelişimi üzerine etkisi, 2006 - 2008

KAM E., Other Supported Projects, Quality Management of Radioactive Waste in Countries of Central and Eastern Europe, 2003 - 2005

KAM E., Project Supported by Higher Education Institutions, Tekirdağ ili ve çevresinin doğal background haritasının çıkartılması, 2002 - 2004

## Invited Congress and Symposium Activities

ICEES 2016 : 18th International Conference on Environmental and Earth Sciences, Invited Speaker, İstanbul, Turkey, 2016

## Citations

Total Citations (WOS):540

h-index (WOS):12

## Scholarships

fellowship, Other International Organizations, 2014 - 2014  
fellowship, Other International Organizations, 2013 - 2013  
fellowship, University, 2013 - 2013  
fellowship, Official Institutions of Foreign Countries, 2012 - 2012  
fellowship, United Nations, 2012 - 2012  
postdoc, University, 2010 - 2010  
FELLOWSHIP, Other International Organizations, 2009 - 2009

## **Awards**

Kam E., GRANT AWARDS, Iaea, April 2012