# **CURRICULUM VITAE**

# **1. Name: Mustafa Sezai Dinçer**

**2. Date of Birth: 19.06.1952**

# **3. Title: Prof.Dr**

**4. Degrees: Ph.D**

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| **Degree** | **Field** | **Institution** | **Date** |
| B.Eng. (Hons) | Electrical Engineering | Gazi University | 1975 |
| M.Sc. | Electrical Engineering | METU | 1979 |
| Ph.D. | Electrical Engineering (High Voltage) | University of Windsor | 1985 |

**5. Academic Promotions:**

**Assistant Professor** **January 5 , 1988 METU , Faculty of Engineering**

**Associate Professor** **October 3 , 1988 METU , Faculty of Engineering**

**Professor**  **: July 27 , 1994 Gazi University , Faculty of Engineering**

**6. Master / Ph.D. Theses Supervision:**

**6.1 Master Thesis- Completed:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **342822** | **OSMAN UZAN** | **2013** | ***Power quality in low voltage distribution systems*** | **MSc** |  **Electrical and Electronics Engineering** |
| **330680** | **MEHMET SARIKAHYA** | **2013** | ***Energy monitoring and automation by scada*** | **MSc** | **Electrical and Electronics Engineering** |
| **322976** | **ENGİN YAVUZ** | **2012** | ***Optimization of distribution voltage levels in a sample energy distribution system*** | **MSc** | **Electrical and Electronics Engineering**  |
| **312803** | **İDRİS SEVGEN** | **2011** | ***Electric and magnetic fields due to lightning strokes in the vicinity of a power transmission line*** | **MSc** |  **Electrical and Electronics Engineering** |
| **269731** | **ASLI ÖZEN DEMİR** | **2010** | ***SCADA and communication in substation automation, protocol standards and implementation*** | **MSc** | **Electrical and Electronics Engineering** |
| **269130** | **MUSTAFA KILIÇ** | **2010** | ***Arc analysis at SF6 insulated systems*** | **MSc** |  **Electrical and Electronics Engineering** |
| **268543** | **NURGÜL OROZALİEVA** | **2009** | ***Overvoltages in high voltage transmission lines*** | **MSc** | **Electrical and Electronics Engineering** |
| **212762** | **MURAT İLKKAHRAMAN** | **2008** | ***Investigation of power transformer failures*** | **MSc** | **Electrical and Electronics Engineering** |
| **212937** | **ÇETİN ÇELİK** | **2008** | ***Energy quality in distribution system*** | **MSc** |  **Electrical and Electronics Engineering ;**  |
| **216856** | **HIDIR DÜZKAYA** | **2008** | ***Electrical gas breakdown analysis at non-uniform geometries*** | **MSc** |  **Electrical and Electronics Engineering** |
| **212795** | **HÜSEYİN ÖKSÜZ** | **2008** | ***Grounding analysis of gas insulated substation*** | **MSc** |  **Electrical and Electronics Engineering** |
| **200987** | **NURİ OSMAN ÇALIŞKAN** | **2007** | ***Programming of electricity distribution system with computer and automation*** | **MSc** | **Electrical and Electronics Engineering** |
| **201131** | **MEHMET ATICI** | **2007** | ***The analysis of low voltage facilities with the aid of computers*** | **MSc** | **Electrical and Electronics Engineering** |
| **212725** | **EMRULLAH KILIÇKAP** | **2007** | ***Dynamic simulation of hydraulic power plant*** | **MSc** | **Elektrik ve Elektronik Mühendisliği = Electrical and Electronics Engineering** |
| **201093** | **ABDÜLKADİR ONGUN** | **2007** | ***The analysis of optimum solution criteria for the designing of road lighting installations*** | **MSc** |  **Electrical and Electronics Engineering** |
| **200984** | **ONUR ORTAÇ** | **2007** | ***DA/AA inverter*** | **MSc** | **Electrical and Electronics Engineering** |
| **184607** | **SADETTİN ÖZKAN** | **2006** | ***Scada applications in energy sector and scada automation model*** | **MSc** | **Electrical and Electronics Engineering** |
|  |  |  |  |  |  |
| **180423** | **OGKİOUN KİOSE CHOUSEİN** | **2006** | ***Load flow and development plan of Turkish Republic of Northern Cyprus's electricity production and transmission system (2006-2010)*** | **MSc** | **Electrical and Electronics Engineering** |
| **180422** | **VURAL SAVAŞ İLHAN** | **2006** | ***Fault location detection in underground cables*** | **MSC** | **Electrical and Electronics Engineering** |
| **183947** | **SEVİLAY UYANIK** | **2006** | ***Powerline communication and applications*** | **MSC** |  **Electrical and Electronics Engineering** |
| **165811** | **ERHAN KARABAŞ** | **2005** | ***Short term load forcasting using artificial neural network*** | **MSC** | **Electrical and Electronics Engineering** |
| **165859** | **ABDULKADİR GÖZÜTOK** | **2005** | ***Interpretation of dissolved gas in oil analysis using ANN and fault analysis of failed power transformers*** | **MSC** |  **Electrical and Electronics Engineering** |
| **166018** | **ABDİ KÖRPINAR** | **2005** | ***Investigation of arc model for SF6 circuit breaker*** | **MSc** | **Electrical and Electronics Engineering** |
| **155972** | **SÜLEYMAN SUNGUR TEZCAN** | **2004** | ***Artificial neural network applications in high voltage techniques*** | **MSc** | **Electrical and Electronics Engineering** |
| **133375** | **ZEHRA ÇEKMEN** | **2003** | ***Electric field analysis of high voltage cables*** | **MSC** | **Electrical and Electronics Engineering** |
| **126035** | **HÜSEYİN YILMAZ** | **2002** | ***Current and voltage measurement for high voltage equipments by electro-optic methods*** | **MSc** | **Electrical and Electronics Engineering** |
| **125883** | **GULNARA MAINAZAROVA** | **2002** | ***Electric field analysis by numerical method in high voltage apparatus*** | **MSC** | **Electrical and Electronics Engineering** |
| **114645** | **AHMET ZENGİN** | **2001** | ***Analysis of impulse voltage distribution in windings of a power transformer*** | **MSC** | **Electrical and Electronics Engineering** |
| **114655** | **Ş. YALIN ÇEKEN** | **2001** | ***Analysis of distance protection system of double circuit line in power system*** | **MSC** | **Electrical and Electronics Engineering** |
| **114746** | **AYSUN SEZGİN** | **2001** | ***Thermodynamics and electrical analysis of SF6 circuit breaker arc*** | **MSc** | **Electrical and Electronics Engineering** |
| **85850** | **TUNCAY KÜÇÜKPEHLİVAN** | **1999** | ***Gis applications in electricity distribution system*** | **MSc** | **Electrical and Electronics Engineering** |
| **85876** | **MUHAMMET ÖZÜM** | **1999** | ***Computer aided design of 154/34.5 kv substations*** | **MSc** | **Electrical and Electronics Engineering** |
| **76275** | **OKAN ÜNER** | **1998** | **Computer aidedTunnel lightning** | **Yüksek Lisans** | **Electrical and Electronics Engineering** |
| **76321** | **BAHA KURTULUŞ** | **1998** | ***Computer aided road lighting calculation*** | **MSC** | **Electrical and Electronics Engineering** |
| **55079** | **ERDAL BİZKEVELCİ** | **1996** | ***Finite Element analysis of******Electrode Profiles*** | **MSC** | **Electrical and Electronics Engineering** |

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**6.3 Ph.D. Thesis- Completed:**

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| **312834** | **SÜLEYMAN SUNGUR TEZCAN** | **2011** | ***Artificial neural network applications in electrical gaseous discharges of Argon-SF6 gas mixtures*** | **Ph.D** |  **Electrical and Electronics Engineering** |
| **269168** | **ZEHRA ÇEKMEN** | **2010** | ***Analysis of electrical insulation properties in electronegative gas mixtures*** | **Ph.D** |  **Electrical and Electronics Engineering** |

**7. Publications:**

**7.1 *International Journals:***

[**Boltzmann Analysis of Electron Swarm Parameters in Binary CF4 + Ar Mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=1)

**By: Tezcan, S. S.; Dincer, M. S.; Bektas, S.; et al.**

**IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION  Volume: 20   Issue: 1   Pages: 98-103   Published: FEB 2013**

[**Calculation of Electron Energy Distribution Functions From Electron Swarm Parameters Using Artificial Neural Network in SF6 and Argon**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=2)

**By: Tezcan, S. S.; Akcayol, M. Ali; Ozerdem, Ozgur Cemal, Dincer M .S**

**IEEE TRANSACTIONS ON PLASMA SCIENCE  Volume: 38   Issue: 9   Pages: 2332-2339   Part: 1   Published: SEP 2010**

[**Back Diffusion of Electrons in Ar, SF6, and Ar + SF6 Binary Mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=3)

**By: Dincer, M. S.; Ozerdem, Ozgur Cemal; Bektas, S.**

**IEEE TRANSACTIONS ON PLASMA SCIENCE  Volume: 38   Issue: 3   Pages: 469-473   Part: 2   Published: MAR 2010**

[**Effective ionization coefficients and transport parameters in binary and ultradilute SF6-Ar mixtures using Boltzmann equation analysis**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=4)

**By: Cekmen, Z. C.; Dincer, M. S.**

**JOURNAL OF PHYSICS D-APPLIED PHYSICS  Volume: 42   Issue: 14     Article Number: 145208   Published: JUL 21 2009**

[**Effective ionization coefficients and transport parameters in ultradilute SF6+N-2 mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=7)

**By: Dincer, M. S.; Ozerdem, Ozgur Cemal; Bektas, S.**

**IEEE TRANSACTIONS ON PLASMA SCIENCE  Volume: 35   Issue: 5   Pages: 1210-1214   Part: 1   Published: OCT 2007**

[**The behavior of N-2+SF6 gas mixtures subjected to orthogonal electric and magnetic fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=9)

**By: Dincer, MS; Hiziroglu, HR; Bektas, S**

**IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION  Volume: 13   Issue: 2   Pages: 257-263   Published: APR 2006**

[**Limiting equivalent electric field response in Ar+SF6 subjected to orthogonal electric and magnetic fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=14&cacheurlFromRightClick=no)

**By: Dincer, MS; Hiziroglu, HR**

**IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION  Volume: 9   Issue: 3   Pages: 428-432   Published: JUN 2002**

[**SIMULATION OF LIMITING FIELD BEHAVIOR IN ELECTRON SWARMS IN SF6 N2 GAS-MIXTURES**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=22&cacheurlFromRightClick=no)

**By: DINCER, MS; AYDIN, T**

**IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION  Volume: 1   Issue: 1   Pages: 139-145   Published: FEB 1994**

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[**SIMULATION OF ELECTRON SWARMS IN SF6 IN UNIFORM E X B FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=24)

**By: DINCER, MS**

**JOURNAL OF PHYSICS D-APPLIED PHYSICS  Volume: 26   Issue: 9   Pages: 1427-1431   Published: SEP 14 1993**

[**ELECTRON-MOLECULE COLLISION FREQUENCIES IN SF6 IN EXB FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=25&cacheurlFromRightClick=no)

**By: DINCER, MS**

**IEEE TRANSACTIONS ON PLASMA SCIENCE  Volume: 21   Issue: 4   Pages: 393-394   Published: AUG 1993**

**.**

[**ELECTRICAL-FIELD BREAKDOWN OF SF6 IN CROSSED MAGNETIC-FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=26)

**By: DINCER, MS; GOKMEN, A**

**JOURNAL OF PHYSICS D-APPLIED PHYSICS  Volume: 25   Issue: 6   Pages: 942-944   Published: JUN 14 1992**

[**MONTE-CARLO SIMULATION OF ELECTRON SWARMS IN NITROGEN IN UNIFORM E X B FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=28)

**By: RAJU, GRG; DINCER, MS**

**IEEE TRANSACTIONS ON PLASMA SCIENCE  Volume: 18   Issue: 5   Pages: 819-825   Published: OCT 1990**

[**TIME-OF-FLIGHT SIMULATION OF ELECTRON-DRIFT IN SF-6 AND THE LONGITUDINAL DIFFUSION-COEFFICIENT**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=29&cacheurlFromRightClick=no)

**By: DINCER, MS**

**JOURNAL OF PHYSICS D-APPLIED PHYSICS  Volume: 23   Issue: 5   Pages: 622-623   Published: MAY 14 1990**

[**IONIZATION AND ATTACHMENT COEFFICIENTS IN FREON-12 AND CO2 GAS-MIXTURES**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=4&doc=31)

**By: DINCER, MS; RAJU, GRG**

**IEEE TRANSACTIONS ON ELECTRICAL INSULATION  Volume: 20   Issue: 3   Pages: 595-599   Published: 1985**

[**MONTE-CARLO CALCULATION OF THE IONIZATION AND ATTACHMENT COEFFICIENTS IN SF6 IN E X B FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=4&doc=32&cacheurlFromRightClick=no)

**By: RAJU, GRG; DINCER, MS**

**PROCEEDINGS OF THE IEEE  Volume: 73   Issue: 5   Pages: 939-940   Published: 1985**

[**IONIZATION AND ATTACHMENT COEFFICIENTS IN SF6 + N-2 MIXTURES**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=4&doc=33)

**By: DINCER, MS; RAJU, GRG**

**IEEE TRANSACTIONS ON ELECTRICAL INSULATION  Volume: 19   Issue: 1   Pages: 40-44   Published: 1984**

[**MONTE-CARLO SIMULATION OF THE MOTION OF ELECTRONS IN SF6 IN UNIFORM ELECTRIC-FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=4&doc=34&cacheurlFromRightClick=no)

**By: DINCER, MS; RAJU, GRG**

**JOURNAL OF APPLIED PHYSICS  Volume: 54   Issue: 11   Pages: 6311-6316   Published: 1983**

**.**

[**MEASUREMENT OF IONIZATION AND ATTACHMENT COEFFICIENTS IN SF6 AND SF6 + N2**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=4&doc=35)

**By: RAJU, GRG; DINCER, MS**

**JOURNAL OF APPLIED PHYSICS  Volume: 53   Issue: 12   Pages: 8562-8567   Published: 1982**

[**BREAKDOWN TIME LAGS AND PRE-BREAKDOWN PHENOMENA IN TRANSFORMER OIL, EFFECTS OF HYDROSTATIC-PRESSURE**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=10&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=1)

**By: HIZAL, EM; DINCER, S**

**JOURNAL OF ELECTROSTATICS  Volume: 12   Issue: APR   Pages: 333-343   Published: 1982**

# **7.2 *International Symposiums and Conferences:***

**Published Proceeding Papers**

[**Calculation of Partial Discharge Inception Voltages in Ultradilute SF(6) + N(2) Gas Mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=5)

**By: Duzkaya, H.; Dincer, M. S.; Hiziroglu, H. R.**

**Book Group Author(s): IEEE**

**Conference: Annual Report Conference on Electrical Insulation and Dielectric Phenomena Location: Virginia Beach, VA Date: OCT 18-21, 2009
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**CEIDP: 2009 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Book Series: Conference on Electrical Insulation and Dielectric Phenomena Annual Report   Pages: 5-8   Published: 2009**

[**Non-Uniform Field Breakdown of Ar+SF(6) under Negative Polarity Impulse Voltages**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=6)

**By: Hiziroglu, H. R.; Dincer, M. S.**

**Book Group Author(s): IEEE**

**Conference: IEEE Conference on Electrical Insulation and Dielectric Phenomena Location: Quebec City, CANADA Date: OCT 26-29, 2008
Sponsor(s): IEEE**

**2008 IEEE CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 61-64   Published: 2008**

[**Determination of the response of Ar+SF6 to crossed electric and magnetic fields using an artificial neural network**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=8)

**By: Akcayol, M. Ali; Hiziroglu, H. R.; Dincer, M ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 695-698   Published: 2007**

[**Prediction of breakdown voltages in N-2+SF6 gas mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=1&doc=10)

**By: Tezcan, S. S.; Dincer, M. S.; Hiziroglu, H. R.**

**Book Group Author(s): IEEE**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena Location: Kansas City, MO Date: OCT 15-18, 2006
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**2006 Annual Report Conference on Electrical Insulation and Dielectric Phenomena  Pages: 222-225   Published: 2006**

[**Calculation of breakdown voltages in Ar+SF6 using an artificial neural network**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=11)

**By: Tezcan, SS; Dincer,M.S; Hiziroglu, HR**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: Nashville, TN Date: OCT 16-19, 2005
Sponsor(s): IEEE, Dielectr & Elect Insulat Soc**

**2005 Annual Report Conference on Electrical Insulation and Dielectric Phenomena  Pages: 59-62   Published: 2005**

[**Calculation of breakdown voltages in Ar+SF6 using an artificial neural network**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=11)

[**Response of N-2+SF6 to limiting orthogonal electric and magnetic fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=12)

**By: Dincer, MS; Hiziroglu, HR**

**Book Group Author(s): IEEE**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: Boulder, CO Date: OCT 17-20, 2004
Sponsor(s): NIST; IEEE**

**2004 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 551-554   Published: 2004**

[**Impulse voltage breakdown of argon+SF6 mixtures under non-uniform electric fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=13)

**By: Hiziroglu, HR; Nutakki, A; Dincer, MS**

**Book Group Author(s): IEEE; IEEE**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: ALBUQUERQUE, NM Date: OCT 19-22, 2003
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**2003 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 448-450   Published: 2003**

[**Limiting equivalent electric field response in Ar+SF6 subjected to orthogonal electric and magnetic fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=14)

**By: Dincer, MS; Hiziroglu, HR**

**IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION  Volume: 9   Issue: 3   Pages: 428-432   Published: JUN 2002**

**.**

[**Breakdown voltages in Argon+SF6 mixtures subjected to impulse voltages**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=15)

**By: Hiziroglu, HR; Griggs, J; Dincer, MS**

**Book Group Author(s): IEEE; IEEE; IEEE**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: CANCUN, MEXICO Date: OCT 20-24, 2002
Sponsor(s): IEEE Dielectr & Electr Insulat Soc**

**2002 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 786-788   Published: 2002**

**Full Text**

[**Effective ionization coefficients in binary gas mixtures of argon and SF6**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=16)

**By: Dincer, MS; Hiziroglu, HR**

**Book Group Author(s): IEEE; IEEE**

**Conference: Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: WATERLOO, CANADA Date: OCT 14-17, 2001
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**2001 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 385-387   Published: 2001**

**.**

[**Calculation of discharge inception voltages in argon plus SF6 mixtures under non-uniform electric fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=17)

**By: Hiziroglu, HR; Dincer, MS**

**Book Group Author(s): IEEE**

**Conference: 69th Annual Conference on Electrical Insulation and Dielectric Phenomena Location: VICTORIA, CANADA Date: OCT 15-18, 2000**

**2000 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA, VOLS. I & II  Pages: 426-429   Published: 2000**

[**Calculation of discharge inception voltages in argon plus SF6 mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=18)

**By: Hiziroglu, HR; Dincer, MS**

**Book Group Author(s): IEEE, DIELECT & INSULAT SOC; IEEE, DIELECT & INSULAT SOC**

**Conference: 67th Annual Conference on Electrical Insulation and Dielectric Phenomena Location: ATLANTA, GA Date: OCT 25-28, 1998
Sponsor(s): IEEE, Dielect & Insulat Soc**

**1998 ANNUAL REPORT CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA, VOLS 1 AND 2  Pages: 493-496   Published: 1998**

[**Breakdown voltages in SF6+argon mixtures under nonuniform electrostatic fields**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=19)

**By: Hiziroglu, HR; Dincer, MS; Nguyen, TD**

**Book Group Author(s): IEEE**

**Conference: 66th Annual Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: MINNEAPOLIS, MN Date: OCT 19-22, 1997
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**IEEE 1997 ANNUAL REPORT - CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA, VOLS I AND II  Pages: 579-582   Published: 1997**

[**Breakdown voltages in SF6 plus argon mixtures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=2&doc=20)

**By: Nguyen, TD; Hiziroglu, HR; Dincer, MS**

**Book Group Author(s): IEEE DIELECT & ELECT INSULAT SOC**

**Conference: Conference on Electrical Insulation and Dielectric Phenomena Location: MILLBRAE, CA Date: OCT 20-23, 1996
Sponsor(s): IEEE Dielect & Elect Insulat Soc**

**IEEE 1996 ANNUAL REPORT - CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA, VOLS I & II  Pages: 598-601   Published: 1996**

**.**

[**Limiting crossed magnetic fields in SF6**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=21)

**By: Dincer, MS; Hiziroglu, HR**

**Book Group Author(s): IEEE**

**Conference: 1995 Conference on Electrical Insulation and Dielectric Phenomena Location: VIRGINIA BEACH, VA Date: OCT 22-25, 1995
Sponsor(s): IEEE Dielectr & Elect Insulat Soc**

**IEEE 1995 ANNUAL REPORT - CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 134-136   Published: 1995**

[**LIMITING FIELDS IN SF6 PLUS ARGON PREDICTED FROM BASIC DATA**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=23)

**By: DINCER, MS; HIZIROGLU, HR**

**Book Group Author(s): IEEE**

**Conference: Conference on Electrical Insulation and Dielectric Phenomena (CEIDP) Location: ARLINGTON, TX Date: OCT 23-26, 1994
Sponsor(s): IEEE, DIELECT & ELECT INSULAT SOC**

**IEEE 1994 ANNUAL REPORT - CONFERENCE ON ELECTRICAL INSULATION AND DIELECTRIC PHENOMENA  Pages: 816-821   Published: 1994**

[**ANALYSIS OF SF6 DISCHARGE BY OPTICAL SPECTROSCOPY**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=27)

**By: ZENGIN, V; SUZER, S; GOKMEN, A; et al.**

**Edited by: CHRISTOPHOROU, LG; SAUERS, I**

**Conference: 6TH INTERNATIONAL SYMP ON GASEOUS DIELECTRICS Location: KNOXVILLE, TN Date: SEP 23-27, 1990
Sponsor(s): OAK RIDGE NATL LAB; UNIV TENNESSEE; US DOE; UNIV TENNESSEE OAK RIDGE NATL LAB SCI ALLIANCE; WRIGHT RES & DEV CTR, AERO PROPULS & POWER LABS**

**GASEOUS DIELECTRICS VI  Pages: 595-599   Published: 1991**

[**COMPUTER-SIMULATION OF A DISCHARGE IN CROSSED ELECTRIC AND MAGNETIC-FIELDS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=7&SID=T1WZ9zAEpLtR6YTU2nj&page=3&doc=30)

**By: RAJU, GRG; DINCER, MS**

**Edited by: GALLAGHER, JW; HUDSON, DF; KUNHARDT, EE; et al.**

**Conference: 6TH INTERNATIONAL SWARM SEMINAR Location: WEBB INST, GLEN COVE, NY Date: AUG 02-05, 1989
Sponsor(s): POLYTECH UNIV NEW YORK; NATL INST STAND & TECHNOL; USN, NAVAL SURFACE WARFARE CTR; USAF, OFF SCI RES**

**NONEQUILIBRIUM EFFECTS IN ION AND ELECTRON TRANSPORT  Pages: 375-375   Published: 1990**

# **7.6 *Other Publications:***

 **Report: M. Sezai Dinçer, M.T. Aydemir; Energy Report, State Statistics Institute of Turkey,**

 **Eastern Anatolia Project, Ankara 2001**

 **Article in Encyclopedia: M.Sezai Dinçer, M.T. Aydemir; Superconductıng Inductive Coils,**

 **Encyclopedia of Life Support Systems (www.eolss.net)**

 **Article in Encyclopedia: M.Sezai Dinçer, M.T. Aydemir; Electric Energy Storage,**

 **Encyclopedia of Life Support Systems (www.eolss.net)**

**8. Projects:**

 **Various revolving fund projects related to electromechanical industry**

 **and scientific research (BAP) projects were conducted.**

**9. Administrative Posts:**

**2011-2012 : Gazi University, Faculty of Engineering , Faculty Board Member**

**2000-2006 : Gazi University Faculty of Engineering and Architecture, Faculty Board Member**

**2003-2006 : Gazi University, Computer Engineering Department , Founding Chairman**

**1994-1996 : Gazi University , Electrical and Electronics Engineering Department Head**

**1989-2000 : Gazi University , Electrical and Electronics Engineering Department,**

 **Power Engineering Division Head**

**10. Citations: (SCI) SCI citations can be reached searching Web of Science by the author name**

 **MS Dincer**

**11. Scientific and Professional Society Membership:**

 EMO member

**12. Courses Taught During the Last Two Semesters:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Academic Year** | **Semester** | **Course Name** | **Weekly taught hours** | **Number of Students** |
| **Theory** | **Lab** |
| **2014/2015** | **Fall** | EE 475 High VoltageTechniques I |   3 |   0 |   40 |
| EE 473 Power Systems Protection   |   3 |   0 |   27 |
| **Spring** |  |    |    |    |
|  EE 472 Power System AnalysisII |   3 |   0 |   40 |
| **2015-2016** | **Fall** |  |    |    |    |
| EE 475 High Voltage Techniques |   3 |   0 |   57 |
| **Spring** | EE 572 Insulation Coord of Power Syst. |   3 |   0 |   4 |
|  EE 472 Power System AnalysisII |   3 |   0 |   42 |

**13. Awards:**

**University of Windsor Postgraduate Scholarship (1980-84)**