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Kadir Has Üniversitesi
Mühendislik ve Doğa Bilimleri Fakültesi
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Eğitim

| Derece | Bölüm | Okul/Üniversite | Mezuniyet Yılı |
|---------------|-------------------------|------------------------------|----------------|
| Lise | Elektronik | İzmit Endüstri Meslek Lisesi | 1988 |
| Yüksek Okul | Endüstriyel Elektronik | İstanbul Üniversitesi | 1990 |
| Lisans | Elektronik Mühendisliği | İstanbul Üniversitesi | 1996 |
| Yüksek Lisans | Elektronik Mühendisliği | İstanbul Üniversitesi | 1999 |
| Doktora | Elektronik Mühendisliği | Işık Üniversitesi | 2006 |

İş Deneyimi

| Ünvan | Kurum | Yıl |
|--------------------------|------------------------|-----------|
| Teknisyen | İstanbul Üniversitesi | 1990-1997 |
| Mühendis | Başbakanlık Ar-Ge Lab. | 1997-2000 |
| Öğretim Görevlisi | Kadir Has Üniversitesi | 2000-2006 |
| Öğretim Görevlisi Doktor | Kadir Has Üniversitesi | 2006-2008 |
| Yardımcı Doçent | Kadir Has Üniversitesi | 2008-2010 |
| Doçent | Kadir Has Üniversitesi | 2010-2018 |
| Profesör | Kadir Has Üniversitesi | 2018- |

İdari Görevleri:

1. Kadir Has Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Elektrik-Elektronik Mühendisliği Bölüm Başkanlığı, Eylül 2017-Devam ediyor.

Projeler:

- Kadir Has Üniversitesi Bilimsel Araştırma Projesi (BAP), Yürütücü-Araştırmacı, İletim Hatları ile Ayrılmış Paralel Kondansatörler İçeren Yapıların Analizi, Başlangıç: 18 Ekim 2017- 18 Ekim 2018.
- Kadir Has Üniversitesi Bilimsel Araştırma Projesi (BAP), Yürütücü-Araştırmacı, Toplu Eleman İçeren Genişbant Uyumlaştırma Devresi Tasarım Paket Programı Geliştirilmesi, Başlangıç: 05 Mayıs 2010-14 Nisan 2011.
- 6. Çerçeve Avrupa Birliği Projesi Newcom (European Network-of-Excellence), Araştırmacı, Design, modelling and experimental characterization of RF and microwave devices and subsystems, 2004-2006.

Yurtdışı Araştırma Ziyaretleri:

1. Ziyaretçi araştırmacı, University of Wuppertal, Faculty of Electrical, Information and Media Engineering, Wuppertal-Germany, 01-31 Ağustos 2014.
2. Ziyaretçi araştırmacı, Technische Universtat Ilmenau, Fakultat für Elektrotechnik und Informationstechnik, Institute for Information Technology, Department for RF and Microwave Techniques (HMT) Ilmenau-Germany, 01 Temmuz-31 Aralık 2006.

Ödüller:

- Kadir Has Üniversitesi En Başarılı İkinci Bitirme Projesi Ödülü 2015 – Magnalock Door System.
- German Academic Exchange Service (DAAD) araştırma bursu 2014.
- Kadir Has Üniversitesi En Başarılı Bitirme Projesi Ödülü 2013 – Remote Controlled Security System.
- Kadir Has Üniversitesi En Başarılı Akademisyen Ödülü 2009.
- Kadir Has Üniversitesi En Başarılı Bitirme Projesi Ödülü 2009 – Telephone Controlled Home Automation System.
- Kadir Has Üniversitesi En Başarılı Akademisyen Ödülü 2008.
- Kadir Has Üniversitesi En Başarılı Bitirme Projesi Ödülü 2007 – Eyeglass Tracing and Edging System.
- TUBITAK (The Scientific and Technological Research Council of Turkey)-BİDEB (Scientific Human Resources Development) araştırma bursu 2006.
- Kadir Has Üniversitesi En Başarılı Bitirme Projesi Ödülü 2005 – License Plate Recognition System.

Verdiği Dersler (Son 3 yıl)

| Yıl | Dönem | Ders | Saat | | Öğrenci sayısı |
|----------------------|------------------------|----------------------------------|-----------------------------|--------|----------------|
| | | | Teorik | Pratik | |
| 2015-2016 | Güz | EE201 Circuit Theory I | 4 | 0 | 62 |
| | | EE446 Microwave Engineering | 3 | 0 | 21 |
| | Bahar | EE222 Circuit Theory II | 3 | 0 | 43 |
| | | EE431 Communication Electronics | 3 | 0 | 24 |
| | | EE520 Microwave Techniques | 3 | 0 | 1 |
| | | GE400 Engineering Design Project | 0 | 8 | 21 |
| Yaz | EE201 Circuit Theory 1 | 4 | 0 | 10 | |
| 2016-2017 | Güz | EE201 Circuit Theory 1 | 4 | 0 | 51 |
| | | EE446 Microwave Engineering | 3 | 0 | 14 |
| | | EE222 Circuit Theory 2 | 3 | 0 | 57 |
| | Bahar | EE431 Communication Electronics | 3 | 0 | 21 |
| | | GE400 Engineering Design Project | 0 | 8 | 20 |
| | | EE201 Circuit Theory 1 | 4 | 0 | 12 |
| Yaz | EE222 Circuit Theory 2 | 3 | 0 | 11 | |
| | EE201 Circuit Theory 1 | 4 | 0 | 69 | |
| | 2017-2018 | Güz | EE446 Microwave Engineering | 3 | 0 |
| EE502 Linear Systems | | | 3 | 0 | 3 |

| | | | | |
|-------|----------------------------------|---|---|----|
| Bahar | EE222 Circuit Theory 2 | 3 | 0 | 68 |
| | EE431 Communication Electronics | 3 | 0 | 21 |
| | GE400 Engineering Design Project | 0 | 8 | 43 |
| Yaz | EE201 Circuit Theory 1 | 4 | 0 | 7 |
| | EE222 Circuit Theory 2 | 3 | 0 | 7 |

AHCI, SSCI, SCI-EXP tarafından taranan bilimsel dergilerde yapılan yayınlar:

1. M.Şengül, G. Eker, “Explicit Solutions of Two-Variable Scattering Equations Describing Lossless Low-Pass Two-Ports with Mixed Lumped and Distributed Elements”, International Journal of Circuit Theory and Applications, in press.
2. M. Şengül, G. Yeşilyurt, “Modified Q-Based Real Frequency Design of Narrowband Impedance Equalizer with Complex Terminations”, Journal of Circuits, Systems and Computers, in press, vol: 28, no:11, pp: xxx, Oct. 2019.
3. M. Şengül, G. Çakmak, “Analysis of Mixed-Element Structures Formed with Shunt Capacitors Separated by Transmission Lines”, IEEE Trans. on Circuits and Systems II: Express Briefs, vol: 66, no:8, pp: 1331-1335, Aug. 2019.
4. M. Şengül, “High-pass Low-pass Section Design for 0°-360° Lumped Element Phase Shifters via the Real Frequency Technique”, Turk J. Elec. Eng. & Comp. Sci., TJEECS, no:25, pp:1922-1931, June 2017.
5. M. Şengül, “Reflection Modeling Based Broadband Matching Network Design”, Frequenz Journal of RF Engineering and Telecommunications, vol: 71, no: 5-6, pp: 237-242, May-June 2017.
6. M. Şengül, “Broadband Matching via Unequal Length Cascaded Transmission Lines”, Journal of Circuits, Systems and Computers, vol: 26, no:5, pp: 1-11, June 2017.
7. M. Şengül, “Broadband Matching via Reflection Function Optimization”, International Journal of Circuit Theory and Applications, (Letter),vol: 45 no: 1, pp: 133-140, Jan. 2017.
8. M. Şengül, “Broadband Microwave Amplifier Design with Lumped Elements””, Frequenz Journal of RF Engineering and Telecommunications, vol: 70, no: 3-4, pp: 183-188, March-April 2016.
9. M. Şengül, “Design of Practical Broadband Matching Networks with Mixed Lumped and Distributed Elements”, IEEE Trans. on Circuits and Systems II: Express Briefs, vol:61, no:11, pp:875-879, Nov. 2014.
10. M. Şengül, “Design of Practical Broadband Matching Networks with Lumped Elements”, IEEE Trans. on Circuits and Systems II: Express Briefs, vol:60, no:9, pp:552-556, Sept. 2013.

11. M. Şengül, "Design of Practical Broadband Matching Networks with Commensurate Transmission Lines", *AEÜ International Journal of Electronics and Communications*, no:67, pp:676-680, Aug. 2013.
12. M. Şengül, "Shifted-Modified Chebyshev Filters", *Turk J. Elec. Eng. & Comp. Sci.*, TJEECS, no:21, pp:1351-1358, Sept. 2013.
13. M. Şengül, "Foster Impedance Data Modeling via Singly Terminated LC Ladder Networks", *Turk J. Elec. Eng. & Comp. Sci.*, TJEECS, no:21, pp:785-792, May 2013.
14. M. Şengül, "Broadband Impedance Matching via Lossless Unsymmetrical Lattice Networks", *AEÜ International Journal of Electronics and Communications*, vol:66(1), pp:76-79, Jan. 2012.
15. M. Şengül, "Analytic Solution of the Feldtkeller Equation", *AEÜ International Journal of Electronics and Communications*, vol:63(8), pp:632-637, June 2009.
16. M. Şengül, "Construction of Lossless Ladder Networks with Simple Lumped Elements Connected via Commensurate Transmission Lines", *IEEE Trans. on Circuits and Systems II: Express Briefs*, vol:56(1), pp:1-5, Jan. 2009.
17. M. Şengül, "Design of Broadband Single Matching Networks", *AEÜ International Journal of Electronics and Communications*, vol:63(3), pp:153-157, Mar. 2009.
18. C. Volmer, M. Şengül, J. Weber, R. Stephan, M. A. Hein "Broadband Matching of a Superdirective Two-Port Antenna Array", *IEEE Antennas and Wireless Propagation Letters*, vol:7, pp:613-616, 2008.
19. M. Şengül, B. S. Yarman, "Broadband Equalizer Design with Commensurate Transmission Lines via Reflectance Modeling", *IEICE The Institute of Electronics, Information and Communication Engineers*, Vol:E91-A, No:12, pp:3763-3771, Dec. 2008.
20. M. Şengül, "Modeling Based Real Frequency Technique", *AEÜ International Journal of Electronics and Communications*, vol:62, no:2, pp:77-80, February 2008.
21. M. Şengül, "Synthesis of Cascaded Lossless Commensurate Lines", *IEEE Trans. on Circuits and Systems II: Express Briefs*, vol:55, no:1, pp:89-91, January 2008.
22. M. Şengül, B. S. Yarman, C. Volmer, M. A. Hein, "Design of Distributed-Element RF Filters via Reflectance Data Modeling", *AEÜ International Journal of Electronics and Communications*, vol:62(7), pp:483-489, August 2008.

23. M. Şengül, "Explicit Synthesis Formulae for Cascaded Lossless Commensurate Lines", *Frequenz Journal of RF Engineering and Telecommunications*, vol:62, no:1-2, pp:16-17, 2008.
24. M. Şengül, B. S. Yarman, "Design of Broadband Microwave Amplifiers with Mixed-Elements via Reflectance Data Modeling", *AEÜ International Journal of Electronics and Communications, (Letter)*, vol:62, no:2, pp:132-137, February 2008.
25. B. S. Yarman, M. Şengül, A. Kılınç, "Design of Practical Matching Networks with Lumped-Elements via Modeling", *IEEE Trans. on Circuits and Systems I: Regular Papers*, vol:54, no:8, pp:1829-1837, August 2007.
26. M. Şengül, "Reflectance-Based Foster Impedance Data Modeling", *Frequenz Journal of RF Engineering and Telecommunications*, vol:61, no:7-8, pp:194-196, July-August 2007.

AHCI, SSCI, SCI-EXP kapsamı dışında, diğer uluslararası alan endekslerinde taranan dergilerde yapılan yayınlar:

1. M. Şengül, "Broadband Matching via Reflection Coefficient Modeling", *Istanbul University-Journal of Electrical & Electronics Engineering*, vol. 16(2), pp. 3043-3047, 2016
2. M. Şengül, "An Alternative Approach to Design Lumped Element Delay Equalizers", *Istanbul University-Journal of Electrical & Electronics Engineering*, vol. 15(1), pp. 1883-1887, 2015
3. M. Şengül, "Broadband Double-Matching via Lossless Unsymmetrical Lattice Networks", *Istanbul University-Journal of Electrical & Electronics Engineering*, vol. 12(2), pp. 1511-1515, 2012
4. M. Şengül, "Synthesis of Lossless Ladder Networks with Simple Lumped Elements Connected via Commensurate Transmission Lines", *Istanbul University-Journal of Electrical & Electronics Engineering*, vol:10(2), pp:1219-1228, 2010.
5. M. Şengül, "Design Table Formation of Stepped Impedance Prototype Filters", *Istanbul University-Journal of Electrical & Electronics Engineering*, vol:10(1), pp:1129-1134, 2010.
6. M. Yılmaz, M. Şengül, A. Özmen, "On the Inverse Point-Source Problem of the Poisson Equation", *Istanbul University – Journal of Electrical & Electronics Engineering*, vol:5(2), pp:1395-1401, 2005.

7. M. Şengül, A. Özmen, M. Yılmaz, “Design of Low-Pass Ladder Networks with Mixed Lumped and Distributed Elements by means of Artificial Neural Networks”, Istanbul University – Journal of Electrical & Electronics Engineering, vol:3(2), pp:955-959, 2003.

Kitaplar ve kitap bölümleri:

1. M. Şengül, Kitap bölümü: Analysis and Optimization of Matching Networks I, Getting Started with ADS, Kitap ismi: Design of Ultra Wideband Antenna Matching Networks via Simplified Real Frequency Technique, ed. S.B.Yarman, Springer, Berlin, ISBN: 978-1-4020-8417-1.
2. M. Şengül, Kitap bölümü: Analysis and Optimization of Matching Networks II, Getting Started with Microwave Office, Kitap ismi: Design of Ultra Wideband Antenna Matching Networks via Simplified Real Frequency Technique, ed. S. B. Yarman, Springer, Berlin, ISBN: 978-1-4020-8417-1.
3. M. Şengül, Kitap bölümü: Lossless Two-Ports Formed with Mixed Lumped and Distributed Elements, Design of Matching Networks with Mixed Elements, Kitap ismi: Design of Ultra Wideband Power Transfer Networks, ed. S. B. Yarman, John Wiley & Sons Ltd., ISBN:978-0-470-31989-5.

Uluslararası Bilimsel Toplantılarda Sunulmuş Bildiriler:

1. M. Şengül, G. Eker, “Broadband Matching Network Design via Explicit Solutions of Two-Variable Scattering Equations”, 1st International Conference on Human-Computer Interaction, Optimization and Robotic Applications (HORA 2019), July 5-7, 2019, Ürgüp, Turkey.
2. M. Şengül, “Design of Broadband Matching Networks via Cascaded Different-Length Transmission Lines”, 10th International Conference of Strategic Research on Scientific Studies and Education (ICOSRESSE 2019), June 17-18, 2019, Rome, Italy.
3. M. B. Darıcı, F. Kiracı, A. Özmen, M. Şengül, “Detection of Vehicle License Plate Location using Convolutional Neural Network”, 5th Int. Conf. on Engineering and Natural Science (ICENS 2019), June 12-16, 2019, Prague, Czech Republic.
4. M. Şengül, “Generation of Polynomial Sets for Analog Filters”, 4th International Conference on Computational Mathematics and Engineering Sciences (CMES 2019), April 20-22, 2019, Antalya, Turkey.

5. M. Şengül, “Transitional Butterworth-Chebyshev Filters”, 18th Mediterranean Microwave Symposium (MMS 2018), October 31-November 02, 2018, Istanbul, Turkey.
6. M. Şengül, “Design of High-Pass/Low-Pass Distributed Element Phase Shifters via Real Frequency Technique”, Science & Research Congress, September 04-06, 2018, Girne, Cyprus.
7. M. Şengül, “Mixed Element Modeling via Newton’s Method”, International Conference on Applied Mathematics in Engineering (ICAME 2018) June 27-29, 2018, Balıkesir, Turkey. (Özet)
8. M. Şengül, G. Çakmak, “Synthesis of Degenerate Networks Formed with Shunt Capacitors”, 7th International Conference of Advanced Technologies (ICAT 2018), April 28-May 1, 2018, Antalya, Turkey.
9. M. Şengül, G. Yeşilyurt, “Real Frequency Design of Pi and T Matching Networks with Complex Terminations”, The 10th International Conference on Electrical and Electronics Engineering ELECO 2017, November 30-December 02 2017, Bursa, Turkey. (Poster)
10. M. Şengül, “A New Modification on Formulation of Broadband Impedance Matching”, 5th International Conference on Advanced Technology and Sciences, Icat 2017, 09-12 May 2017, Istanbul, Turkey.
11. M. Şengül, “Broadband Single Matching with Lumped Elements”, The 9th International Conference on Electrical and Electronics Engineering ELECO 2015, 26-28 November 2015, Bursa, Turkey.
12. M. Şengül, “Construction of Lossless Broadband Matching Networks with Lumped Elements”, 4th International Eurasian Conference on Mathematical Sciences and Applications IECMSA 2015, 31 August-03 September 2015, Athens, Greece. (Özet)
13. M. Şengül, “Circuit Models with Mixed Lumped and Distributed Elements for Passive One-Port Devices”, 2nd International Eurasian Conference on Mathematical Sciences and Applications IECMSA 2013, 26-29 August 2013, Sarajevo, Bosnia and Herzegovina. (Özet)
14. M. Şengül, “Broadband Double Matching via Absorption Approach”, 12th Mediterranean Microwave Symposium MMS 2012, 02-05 September 2012, Istanbul, Turkey.
15. M. Şengül, A. Özmen, “Genetic Algorithm Based Broadband Equalizer Design with Ripple Level Control”, International Symposium on Innovations in

- Intelligent Systems and Applications INISTA 2012, July 2-4,2012, Trabzon, Turkey.
16. M. Şengül, A. Özmen, “Realization of Ideal Filter Characteristics via Genetic Algorithm”, The Seventh International Conference on Electrical and Electronics Engineering ELECO 2011, 1-4 Aralık 2011, Bursa, Turkey.
 17. M. Şengül, A. Özmen, "Broadband Impedance Matching via Genetic Algorithm", 2nd International Symposium on Computing in Science and Engineering, ISCSE 2011, 01-04 Haziran 2011, Kusadası-Aydın, Turkey.
 18. M. Kuzlu, M. Şengül, H. Dinçer, İ. Yağlıdere., A. Kılınç, B. S. Yarman, “Design of Impedance Matching Network for B&K 8104 Hydrophone via Direct Computational Technique for Underwater Communication”, Mediterranean Microwave Symposium MMS 2010, 25-27 August 2010, Northern Cyprus.
 19. M. Şengül, A. Özmen, “Passive One-port Device Modeling via Genetic Algorithm” International Symposium on Innovations in Intelligent Systems and Applications INISTA 2010, 21-24 June 2010, Kayseri, Turkey.
 20. M. Şengül, Z. Aydoğar, “Transfer Matrix Factorization Based Synthesis of Resistively Terminated LC Ladder Networks”, The Sixth International Conference on Electrical and Electronics Engineering ELECO 2009, 5-8 November 2009, Bursa, Turkey.
 21. M. Şengül, “Cascaded Lossless Commensurate Line Synthesis”, European Conference on Circuit Theory and Design (ECCTD 2009), 23-27 August 2009 Antalya, Turkey.
 22. M. Şengül, B. S. Yarman, “Design of Mixed-Element Networks via Modeling”, The 3rd International Symposium on Communications, Control and Signal Processing ISCCSP 2008, St.Julians, Malta, 12-14 March 2008.
 23. M. Şengül, “Synthesis of Mixed Lumped and Distributed Element Networks”, The Fifth International Conference on Electrical and Electronics Engineering ELECO 2007, Bursa, Turkey, vol.Electronics, 93-97, 5-9 December 2007.
 24. P. Lindberg, M. Şengül, E. Çimen, B. S.Yarman, A. Rydberg, A. Aksen, “A Single Matching Network Design for a Double Band PIFA Antenna Via Simplified Real Frequency Technique”, Asia-Pacific Microwave Conference APMC 2006, Yokohama, Japan, 12-15 December 2006.
 25. P. Lindberg, M. Şengül, E. Çimen, B. S. Yarman, A. Rydberg, A. Aksen, “A Single Matching Network Design for a Dual Band Pifa Antenna via Simplified Real Frequency Technique”, The first European Conference on Antennas and Propagation EuCAP 2006, Nice, France, 6-10 November 2006.

26. M. Şengül, J. Trabert, K. Blau, B. S. Yarman, M. A. Hein, "Power Transfer Networks at RF Frequencies "New Design Procedures with implementation Roadmap, IEEE International Symposium on Circuits and Systems ISCAS 2006, Island of Kos, Greece, 1768-1771, May 21-24 2006.
27. B. S. Yarman, M. Şengül, J. Trabert, K. Blau, M. A. Hein, "Design of Wideband Matching Networks for Wireless Communication Systems" (Invited paper), 2006 Second International Symposium on Communications, Control and Signal Processing, ISCCSP 2006, Marrakech, Morocco, 13-15 March 2006.
28. M. Şengül, B. S. Yarman, "Real Frequency Technique without Optimization", The Fourth International Conference on Electrical and Electronics Engineering ELECO 2005, Bursa, Turkey, vol. Electronics, 261-265, 7-11 December 2005.
29. B. S. Yarman, M. Şengül, A. Kılınç, A. Aksen, "Reflectance Data Model with Mixed Lumped and Distributed Elements for Wireless Communication Systems", European Conference on Circuit Theory and Design ECCTD 2005, Cork, Ireland, vol.III, 29 August- 1 September 2005.
30. B. S. Yarman, M. Şengül, A. Kılınç, A. Aksen, "Circuit Model for Given Reflectance Data Constructed with Mixed Lumped and Distributed Elements", The Fourth International Workshop on Multidimensional (ND) Systems NDS 2005, Wuppertal, Germany, 12-18, July 10-13 2005.
31. M. Şengül, A. Özmen, M. Yılmaz, "A New Synthesis Algorithm for Mixed Lumped-Distributed Low-Pass Ladder Networks via Artificial Neural Networks", Proc. of the Interational Conference on Electricity – Electronics and Computer Engineering, Eleco 2003, Bursa, Turkey, vol.Electronics, 94-97, 2003. (Poster)
32. H. Pınarbaşı, M. Şengül, A. Aksen, B. S. Yarman, "Real Frequency Design of Broadband Microwave Amplifiers with Mixed Lumped and Distributed Element Equalizers for MMIC's", Proc. of the Interational Conference on Electricity – Electronics and Computer Engineering Eleco 2003, Bursa, Turkey, vol. Electronics, 277-280, 2003.
33. M. Şengül, A. Özmen, M. Yılmaz, "Broadband Microwave Amplifier Design by means of Artificial Neural Networks", International 12th Turkish Symposium on Artificial Intelligence and Neural Networks TAINN 2003, Çanakkale, Turkey, vol.E1, 103-105, 2003.
34. A. Kılınç, H. Pınarbaşı, M. Şengül, B. S. Yarman, "A Broadband Microwave Amplifier Design by means of Immittance Based Data Modeling Tool", Proc. of the 6th International Conference Africon 2002, George-South Africa, vol.2, 535-540, 2002.

Ulusal Bilimsel Toplantılarda Sunulmuş Bildiriler:

1. M. Şengül, “Genişbant Uyumlaştırıcı Tasarımlarında Alternatif Çevrim Güç Kazancı İfadesi”, Proc. of the National Conference on Electricity Electronics and Biomedical Engineering, Eleco 2016, Bursa, Turkey, Aralık 01-03, 2016.
2. M. Şengül, "Eşit Uzunlukta Hat Parçaları Kullanarak Genişbant Uyumlaştırıcı Tasarımı", Proc. of the National Conference on Electricity Electronics, Computer and Biomedical Engineering, Eleco 2014, Bursa, Turkey, Kasım 27-29, 2014.
3. M. Şengül, “Kayıpsız Simetrik Olmayan Kafes Devreleri Kullanarak Genişbant Uyumlaştırma ”, Proc. of the National Conference on Electricity Electronics and Computer Engineering Eleco 2012, Bursa, Turkey, Kasım 29-Aralık 01, 2012.
4. M. Şengül, Z. Aydoğar, “Direnç ile Sonlandırılmış Yüksek Geçiren LC Merdiven Devrelerin Sentezi”, Proc. of the National Conference on Electricity Electronics and Computer Engineering Eleco 2010, Bursa, Turkey, 02-05 Aralık 2010.
5. M. Şengül, “Pasif Tek Kapılıların Karışık Toplu ve Dağılmış Elemanlı Devre Modelleri”, Proc. of the National Conference on Electricity Electronics and Computer Engineering Eleco 2008, Bursa, Turkey, 26-30 Kasım 2008.
6. M. Şengül, A. Aksen, B. S. Yarman, “Karışık Toplu ve Dağınık Devre Elemanları İçeren Merdiven Devrelerin Sentezi”, Elektrik-Elektronik-Bilgisayar Mühendisliği 11. Ulusal Kongresi ve Fuarı, İstanbul, Turkey, vol.1, 22-25 Eylül 2005.
7. H. Pınarbaşı, M. Şengül, A. Aksen, B. S. Yarman, “Genişbant Mikrodalga Devre Tasarım Paket Programı”, Proc. of the National Conference on Electricity Electronics and Computer Engineering Eleco 2004, Bursa, Turkey, 166-169, 08-12 Aralık 2004.
8. M. Yılmaz, M. Şengül, M. Geçkinli, “Ters Kaynak Probleminin Çözümüne Yapay Sinir Ağları ile Bir Yaklaşım”, Proc. of the National Conference on Electricity Electronics and Computer Engineering Eleco 2004, Bursa, Turkey, 166-169, 08-12 Aralık 2004.
9. A. Kılınç, H. Pınarbaşı, M. Şengül, B. S. Yarman, “İmmitans Tabanlı Veri Modelleme Metodu ile Genişband Mikrodalga Kuvvetlendirici Tasarımı”, Proc. of the National Conference on Electricity Electronics and Computer Engineering, Eleco 2002, Bursa, Turkey, 181-185, 18-22 Aralık 2002.
10. M. Şengül, A. Özmen, M. Yılmaz, “Toplu ve Dağınık Elemanlı Alçak-Geçiren Merdiven Tipi Devre Parametrelerinin Yapay Sinir Ağları Kullanılarak Hesaplanması”, Proc. of the National Conference on Electricity – Electronics and

Computer Engineering Eleco 2002, Bursa, Turkey, vol.Electronics, 47-51, 18-22
Aralık 2002.

Hakemlik Yaptığı Dergiler:

1. IEEE Transactions on Circuits and System II: Express Briefs
2. IET Circuits, Devices & Systems
3. JEMWA/PIER Journals
4. Turkish Journal of Electrical Engineering & Computer Sciences
5. IstanbulUniversity-Journal of Electrical & Electronics Engineering
6. Journal of Electrical and Electronics Engineering Research

Komite Üyelikleri:

1. 2008 IEEJ International Analog VLSI Workshop, 30 Temmuz – 01 Ağustos 2008, Hyatt Regency, Istanbul, Turkey, Yayın komitesi üyesi.

Danışma Kurulu Üyeliği

1. Istanbul University-Journal of Electrical & Electronics Engineering. Danışma kurulu üyeliği (2014-Devam ediyor)

Doktora Tez Danışmanlıkları

1. Ercan Atasoy, İstanbul Üniversitesi Fen Bilimleri Enstitüsü Elektronik Mühendisliği A.B.D., 3-Bit Geniş Bandlı MMIC Faz Kaydırıcı Tasarımı, 08 Mayıs 2017. (Eş danışman).
2. Gökhan Çakmak, Kadir Has Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği A.B.D., Phase Shifters, (Devam ediyor), (Danışman)

Yüksek Lisans Tez Danışmanlıkları

1. Zafer Aydoğar, Kadir Has Üniversitesi Fen Bilimleri Enstitüsü Elektronik Mühendisliği A.B.D., Scattering Transfer Matrix Factorization Based Synthesis of Resistively Terminated LC Ladder Networks, 01 Şubat 2011. (Danışman)

2. Gökmen Yeşilyurt, Kadir Has Üniversitesi Fen Bilimleri Enstitüsü Elektronik Mühendisliği A.B.D., Q-approach based real frequency matching network design, 08 Haziran 2018. (Danışman)
3. Gökhan Çakmak, Kadir Has Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği A.B.D., Analysis of Structures with Shunt Capacitors Separated by Transmission Lines, 08 Haziran 2018. (Danışman)
4. Nauman Tabassum, Construction of Two-Variable Network Functions for Cascaded Structures via Artificial Neural Networks, Kadir Has Üniversitesi, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği A.B.D., 08 Haziran 2018. (Eş Danışman)
5. Göker Eker, Kadir Has Üniversitesi Fen Bilimleri Enstitüsü Elektronik Mühendisliği A.B.D., Explicit Solutions of Two-Variable Scattering Equations and Broadband Matching Network Design, 04 Ocak 2019. (Danışman)