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### Advising Theses

TOKER C., Millimeter wave gunn diode oscillators, Postgraduate, Ü.Lüy(Student), 2007

TOKER C., Comparison and evaluation of various MESFET models, Postgraduate, M.Altay(Student), 2005

TOKER C., Analysis and modeling of high power microwave modules, Postgraduate, A.Çağrı(Student), 2004

TOKER C., Design of a 500-1000 MHz MMIC vector modulator., Postgraduate, H.Aydın(Student), 2002

TOKER C., Extraction and scaling of TOM model parameters of GaAs mesfets, Postgraduate, A.Çelebi(Student), 2000

TOKER C., Extraction of the circuit parameters of the mesfet small-signal equivalent circuit, Postgraduate, İ.Durmuş(Student), 1999

TOKER C., Evaluation of DC parameters of mesfet tom equivalent circuit, Postgraduate, R.Cumhur(Student), 1999

TOKER C., Noise analysis and low noise design of feed structures for active and passive antenna arrays, Doctorate, Ş.Demir(Student), 1998

TOKER C., Monolithic microwave integrated circuit phase shifters, Postgraduate, M.Erim(Student), 1997

TOKER C., Receiver system analysis, design and implementation for the dect system, Postgraduate, S.Erciyes(Student), 1997

TOKER C., Design of microwave power amplifier using MMIC technology, Postgraduate, H.Akgün(Student), 1997

TOKER C., Analysis and modeling of nonlinear microwave circuits, Postgraduate, İ.Atak(Student), 1997

TOKER C., Solution of electromagnetic problems by using transmission line matrix method, Postgraduate, M.Koray(Student), 1996

TOKER C., Design of microwave mixers using MMIC technology, Postgraduate, Ş.Başkan(Student), 1994

TOKER C., Wideband mmic amplifier design, Postgraduate, Ş.Demir(Student), 1993

TOKER C., TANIK Y., Path loss measurements at 1.2 GHz in indoor environments, Postgraduate, A.Murat(Student), 1993

TOKER C., The design and realization of a low noise 3 to 6 ghz microwave amplifier by use of a cad program, Postgraduate, M.Doğan(Student), 1992

TOKER C., Computer aided analysis and design of distributed amplifiers at micrawave frequencies, Postgraduate, C.Özzaim(Student), 1991

TOKER C., Evaluation of circuit performance of arbitrary connected multiterminal microwave networks, Postgraduate, B.Gülsün(Student), 1991

TOKER C., Analysis of comblin directional couplers, Postgraduate, M.Altay(Student), 1991

TOKER C., Recept on of standard time-signal for the synchronization of TRT timing, Postgraduate, T.Erülker(Student), 1991

TOKER C., Microwave GaAs fet low noise amplifier design, Postgraduate, N.Yaraş(Student), 1989

TOKER C., On the theory and implementation of FM simultaneous transmission, Postgraduate, M.Ergün(Student), 1989

TOKER C., Fin line, its characteristics and analysis methods, Postgraduate, K.Karatepe(Student), 1987

TOKER C., The definitions and measurements of the VCO parameters, Postgraduate, H.Erdeğirmenci(Student), 1987

TOKER C., Varactor resistance at UHF and its effect on the parametric amplifier noise temperature., Doctorate,

K.İnal(Student), 1976

TOKER C., A new model and some novel circuit configurations for the step-recovery diode., Doctorate,

M.Karadeniz(Student), 1976

TOKER C., Unified analysis of multiwire nonuniform transmission lines., Doctorate, N.Yıldırım(Student), 1974

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Lumped-Element Wideband 3-dB Quadrature Hybrid**  
Kazan O., Memioğlu O., Kocer F., Gundel A., TOKER C.  
IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, vol.29, no.6, pp.385-387, 2019 (SCI-Expanded)
- II. **Authors' Reply to "Comments on 'Branch-Line Couplers Using Unequal Line Lengths'"**  
TOKER C., Sağlam M., Öztne M., GÜNALP N.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.66, no.9, pp.4089, 2018 (SCI-Expanded)
- III. **High-power 20-100-MHz linear and efficient power-amplifier design**  
Sahan N., Inal M. E., Dernir Ş., TOKER C.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.56, no.9, pp.2032-2039, 2008 (SCI-Expanded)
- IV. **Joint spatial and temporal channel-shortening techniques for frequency selective fading MIMO channels**  
Toker C., Lambbotharan S., Chambers J., Baykal B.  
IEE PROCEEDINGS-COMMUNICATIONS, vol.152, no.1, pp.89-94, 2005 (SCI-Expanded)
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IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.49, no.10, pp.1824, 2001 (SCI-Expanded)
- VI. **Branch-line couplers using unequal line lengths**  
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IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, vol.49, no.4, pp.718-721, 2001 (SCI-Expanded)
- VII. **Optimum design of feed structures for high G/T passive and active antenna arrays**  
Demir Ş., Toker C.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.47, no.3, pp.443-452, 1999 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Noise in the presence of coupling among antenna elements**  
DEMİR Ş., TOKER C., Hizal A.  
1998 28th European Microwave Conference, EuMC 1998, Amsterdam, Netherlands, 5 - 09 October 1998, vol.2, pp.612-617
- II. **A novel low noise active circuit replacement criteria for parallel FED large scale active antenna arrays**  
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1997 27th European Microwave Conference, EuMC 1997, Jerusalem, Israel, 8 - 12 September 1997, vol.1, pp.56-61
- III. **Design of an active microstrip array using a microwave circuit simulator**  
Demir Ş., Toker C., Hizal A.  
Proceedings of the 1997 IEEE MTT-S International Topical Symposium on Technologies for Wireless Applications, Vancouver, Canada, 23 - 26 February 1997, pp.103-106

## Metrics

Publication: 10

Citation (WoS): 65

Citation (Scopus): 74

H-Index (WoS): 5

H-Index (Scopus): 4