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Unvanı :Prof. Dr.
Yazışma Adresi :Harran Üniversitesi
Ziraat Fakültesi Tarımsal Yapılar ve Sulama Bölümü
Osmanbey yerleşkesi/ŞANLIURFA
Doğum Tarihi ve Yeri :01.07.1954-ADANA

Eğitim DERECE	BÖLÜM	ÜNİVERSİTE	YIL
Lisans+Yüksek Lisans	Tarla Bitkileri Bölümü	Çukurova Üniversitesi	1979
Doktora	Tarımsal Yapılar ve Sulama Bölümü	Çukurova Üniversitesi	1992

Doktora Tez Konusu

Aşağı Seyhan Ovasında Tarla İçi Sulama Randımanlarının İrdelenmesi

Danışman: Prof. Dr. Osman TEKİNEL

Akademik ve Mesleki Deneyim

Görev Unvanı	Görev Yeri	Yıl
Mühendis	T:C. Ziraat Bankası	1980-1985
Başmühendis	Devlet Su İşleri	1985-1996
Yrd. Doç. Dr.	Harran Üniversitesi Ziraat Fakültesi	1996-2006
Doç.	Harran Üniversitesi Ziraat Fakültesi	2006-2011
Prof. Dr.	Harran Üniversitesi Ziraat Fakültesi	2012

Verdiği Lisans Dersleri

Güz Dönemi	Bahar Dönemi
Sulama ve Drenaj	İklim Bilgisi

1. Yürütücü Olduğu Projeler

1. Bodur taze fasulye (*Phaseolus Vulgaris* L.)' de su stres düzeylerinin morfolojik pomolojik ve fizyolojik özelliklere etkileri. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 252, 2001.**
2. Yarı kurak koşullarda silajlık mısırın farklı sulama rejimlerinin ve farklı biçim dönemlerinin verim bileşenleri ve silaj kalitesi üzerine etkisinin araştırılması. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 522, 2004**
3. Farklı su düzeylerinin toprakaltı ve üstü damla sulama yönteminde ve değişik sulama aralığında yarı-kurak koşullarda yetiştirilen bal kabağının (*Cucurbita moshata* L.) verim ve verim bileşenleri üzerine etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 617, 2005.**
4. Semi-Arid koşullarda MM 106 anacı üzerine aşılı Anna elma çeşidinde kontrollü kısıtlı sulamanın su üretim fonksiyonlarına, verim ve meyve kalite özelliklerine etkileri. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 1140, 2011.**
5. Yarı-kurak iklim koşullarında kontrollü kısıtlı sulamanın domates (*Lycopersicon esculentum* L.) verimine, verim bileşenlerine ve kurutma kalitesine etkileri. (**TUBİTAK 1002**) **Proje No: 111O031, 2011.**

6. Yarı-kurak iklim koşullarında farklı sulama düzeylerinin sakız kabağında (*cucubita pepo* L.) verim ve verim bileşenlerine etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 14059, 2014.**
7. Harran ovasında su kullanım ve dağıtım performanslarının irrdelenmesi (Harran Sulama Birliği örneği). Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 14061, 2014.**
8. Yarı-kurak iklim koşullarında çizgi kaynaklı yağmurlama yöntemiyle farklı düzeylerdeki sulamanın soyanın (*glycine max.* L.) verim bileşenlerine etkisi Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 14062, 2014.**
9. Yarı-kurak iklim koşullarında farklı su seviyelerinde patlıcanın (*solanum melongana* L.) sulama programlarının belirlenmesi ve verim bileşenlerine etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 14064, 2014.**
10. Yarı-kurak iklim koşullarında farklı sulama düzeylerinin II. ürün ayçiçeğinde (*Helianthus annuus* L.) verim ve verim bileşenlerine etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 14065, 2014.**

2. Yardımcı Araştırmacı Olduğu Projeler

1. Harran Üniversitesi Ziraat Fakültesi tam otomasyonlu AR-GE uygulama sera kompleksi ve işletmesi projesi. T.C. Başbakanlık Devlet Planlama Teşkilatı (**DPT**) **2002K 121310, 2001.**
2. GAP bölgesinde fotovoltaiik (Photovoltaic) güç sistemi ile enerji üretimi ve sulamada kullanımı. T.C. Başbakanlık Devlet Planlama Teşkilatı **DPT 2002K 120300, 2001.**
3. Bitki parametrelerine bağlı, temaslı ve uzaktan algılama yöntemleri ile bitki su stresinin belirlenmesi ve sulamanın otomasyonu. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 257, 2002.**
4. Yarı-kurak iklim kuşağında farklı yetiştirme periyotlarında uygulanan değişik su düzeylerinin ayçiçeğinde verim ve kaliteye etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 315, 2003.**
5. Harran Ovası koşullarında çizgi yağmurlama yöntemiyle sulanan yerfıstığına farklı su düzeylerinin ve azot dozlarının verim ve verim unsurları üzerine etkisi. Harran Üniversitesi Bilimsel Araştırma Komisyonu (**HÜBAK**). **Proje No: 404, 2004.**
6. Yarıkurak iklim bölgesinde pamuk ekili alanda farklı sulama düzeyleri ve gübre dozlarının, CO₂, N₂O, CH₄ emisyonuna etkisi ve emisyonun verim ve verim bileşenleriyle ilişkisi. **TÜBİTAK-TOVAG-1070546, 2007-2009.**
7. Kireçli alkalin topraklarda bitkinin fosfor alımı ve su kullanım etkinliğinin inorganik ve organik toprak düzenleyiciler kullanılarak artırılması. **TÜBİTAK-TOVAG-1090164, 2009.**

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

- A.1***. Alpaslan, M., E. Boydak, M. Hayta, S. Gercek and **M. Simsek**. Effect of row space and irrigation on seed composition of Turkish sesame (*Sesamum indicum* L.). J. of the American Oil Chemists' Society (JAOCS), **78 (9): 933-935, 2001.**
- A.2.** Boydak, E., M. Alpaslan, M. Hayta, S. Gercek and **M. Simsek**. Seed composition of soybeans grown in the Harran Region of Turkey as affected by row spacing and irrigation. J. of Agricultural and Food Chemistry, **50(16): 4718-4720, 2002.**
- A.3***. Oktem, A., **M. Simsek** and A.G. Oktem. Deficit irrigation effects on corn (*Zea mays saccharata* Sturt) with drip irrigation system in a semi-arid region I. Water-yield relationship. Agricultural Water Management, **61(1): 63-74, 2003.**
- A.4***. Kirnak, H., C. Kaya, D. Higgs, I Bolat, **M. Simsek** ve A. İkinci. Effects of preharvest drip-irrigation scheduling on strawberry yield, quality and growth. Australian J. of

Experimental Agriculture, **43 (1)**: 105-111, 2003.

A.5*. Kacira, M., **M. Simsek**, Y. Babur and S. Demirkol. Determining optimum tilt angles and orientations of photovoltaic panels in Sanliurfa, Turkey. Renewable Energy, **29(8)**: 1265-1275, 2004.

A.6. Gerçek, S., E. Boydak and **M. Şimşek**. Effect of Irrigation Methods and Row Spacing on Yield and Yield Components of Sesame [*Sesamum indicum* (L.)]. Pakistan J. of Biological Sciences, **7(12)**:2149-2154, 2004.

A.7. Boydak, E., **M. Şimşek** and S. Gerçek. Row Spacing and Irrigation Interval Effects on Yield and Yield Components of Soybean [*Glycine max* (L.) Merr.]. Pakistan J. of Biological Sciences, **7(2)**: 230-234, 2004.

A.8*. **Şimşek, M.**, M. Kaçira and T. Tonkaz. The effects of different drip irrigation regimes on watermelon [*Citrullus lanatus* (Thunb.)] yield and yield components under semi-arid climatic conditions. Australian J. of Agricultural Research, **55(11)**: 1149-1157, 2004.

A.9*. Okten, A. and **Şimşek M.** Effects of irrigation frequencies on yield characteristics of dent corn (*Zea mays indentata*) and water-yield relationships under semi-arid region. Indian J. of Agronomy, **49(3)**: 174-178, 2004.

A.10*. **Şimşek, M.**, T. Tonkaz, M. Kaçira, N. Çömlekçioğlu and Z. Doğan. The effects of different irrigation regimes on cucumber (*Cucumis sativus* L) yield and yield characteristics under open field conditions. Agricultural Water Management, **73(3)**: 173-191, 2005.

A.11. Karaaslan, D., E. Boydak., S. Gerçek and **M. Şimşek**. Influence of irrigation intervals and row spacing on some yield components of sesame growing in Harran Region. Asian J. of Plant Sciences, **6(4)**: 623-627, 2007.

A.12. Boydak, E., D. Karaaslan., **M. Şimşek.**, S. Gerçek., H. Kırnak., Y. Kasap and I. Öztürk. Effects of irrigation methods and irrigation intervals on some yield components of sesame growing in Semi-Arid Area. J. of Agronomy Pakistan, **6(3)**: 439-443, 2007.

A.13*. Ozden, M., H. Vardin., **M. Şimşek** and M. Karaaslan. Effects of rootstocks and irrigation levels on grape quality of *Vitis vinifera*L. cv. Shiraz. African J. of Biotechnology, **9(25)**: 3801-3807, 2010.

A.14*. **Simsek M**, N. Comlekcioglu and I. Ozturk. The effects of the regulated deficit irrigation on yield and some yield components of common bean (*Phaseolus vulgaris* L.) under semi-arid conditions. African J. of Biotechnology, **10(20)**: 4057-4064, 2011.

A.15*. **Simsek M**, A. Can, N. Denek and T. Tonkaz. The effects of different irrigation regimes on yield and silage quality of corn under semi-arid conditions. African J. of Biotechnology, **10(31)**: 5869-5877, 2011.

A.16*. Comlekcioglu, N. and **M. Simsek**. Effects of deficit irrigation on yield and yield components of vegetable soybean [*Glycine max*L. (Merr.)] in semi-arid conditions. African J. of Biotechnology, **10(33)**: 6227-6234, 2011.

A.17*. **Simsek, M.** and N. Comlekcioglu. Effects of different irrigation regimes and nitrogen levels on yield and quality of the melon (*Cucumis melo* L.). African J. of Biotechnology, **10(49)**: 10009-10018, 2011.

*Science Citation Index kapsamına giren uluslararası dergilerde yayımlanan makaleyi belirtmektedir.

B. Ulusal hakemli dergilerde yayımlanan makaleler:

B.1. Şimşek, M. ve R. Kanber. Türkiye'nin su ve toprak kaynaklarının kullanım olanakları. Çukurova Üniversitesi Ziraat Fakültesi Dergisi, **9(4)**:115-122, 1994.

B.2. Şimşek, M. ve O. Tekinel. Çiftçi koşullarında tarla içi sulama randımanlarının irdelenmesi. Türk Tarım ve Ormancılık Dergisi, **18(4)**: 265-270, 1994.

B.3. Şimşek, M. ve R. Kanber. Aşağı Seyhan Ovası sulama şebekesinin kuruluşundan günümüze gelişimi ve değişimi. Çukurova Üniversitesi Ziraat Fakültesi Dergisi, **9(4)**:123-

134, 1994.

B.4. Kırnak, H., Y. Kumova, **M. Şimşek** ve S. Gerçek. Şanlıurfa Harran Ovasındaki Sulama Birliklerinin Mevcut Sorunları ve Çözüm Önerileri. Türk-Koop Ekin Dergisi, Sayı 13: 40-45, 2000.

B.5. Şimşek, M., E. Boydak, S. Gerçek ve H. Kırnak. Harran ovası koşullarında farklı sulama ve sıra aralıklarında yağmurlama-damla sulama yöntemleriyle sulanan soya fasulyesinin su verim ilişkisinin saptanması. Ankara Üniversitesi Tarım Bilimleri Dergisi, **7(3)**: 88-93, 2001.

B.6. Boydak, E., **M. Şimşek** ve İ. Öztürk. Farklı sulama metodları ve sıra aralıklarının soyanın (*Glycine max. L.*) verim ve verim komponentleri üzerine etkisi. Atatürk Üniversitesi Ziraat Fakültesi Dergisi, **33(1)**: 1-7, 2002.

B.7. Boydak, E., **M. Şimşek** ve Z. Doğan. Farklı sulama metodları ve sulama aralıklarının soyanın (*Glycine max. L.*) verim ve verim komponentlerine üzerine etkisi. Atatürk Üniversitesi Ziraat Fakültesi Dergisi, **33 (1)**: 9-15, 2002.

B.8. Gerçek, S., **M. Şimşek**, H. Kırnak, K. Uçan ve E. Boydak. Harran Ovası koşullarında susamın su tüketiminin saptanmasında en uygun bitki su tüketim yönteminin belirlenmesi. Kahramanmaraş Sütçü İmam Üniversitesi, Fen ve Mühendislik Dergisi, **5(2)**: 142-152, 2002.

B.9. Şimşek, M. E. Boydak, H. Kırnak, S. Gerçek ve Y. Kasap. Susam bitkisinde farklı sulama ve sıra aralıklarında yağmurlama sulamanın su-verim ilişkisine etkisi. Ankara Üniversitesi Ziraat Fakültesi Tarım Bilimleri Dergisi, **9 (2)**: 136-142, 2003.

B.10. Kaçıra, M. and **M. Şimşek**. Leaf area determination using non-destructive methods. Harran Üniversitesi Ziraat Fakültesi Dergisi, **7 (1-2)**: 37-43, 2003.

B.11. Gerçek, S., **M. Şimşek**, H. Kırnak ve E. Boydak. Şanlıurfa Harran Ovası koşullarında farklı sulama yöntemlerinin soyanın su tüketimine etkisi. Harran Üniversitesi Ziraat Fakültesi Dergisi, **7 (1-2)**: 61-68, 2003.

B.12. Tonkaz, T., **M. Şimşek** ve M. Kaçıra. Farklı sulama seviyelerinin ikinci ürün hıyarda meyve ağırlıklarına etkilerinin incelenmesi. Harran Üniversitesi Ziraat Fakültesi Dergisi, **7 (1-2)**: 69-74, 2003.

B.13. Tonkaz, T., M. Çetin ve **M. Şimşek**. Şanlıurfa ilinin bazı iklim parametrelerinde gözlenen değişimler. Çukurova Üniversitesi Ziraat Fakültesi Dergisi **18(3)**: 29-38, 2003.

B.14. Şimşek, M., Y. Şilbir, S. Gerçek, E. Boydak ve Y. Kasap. Mısır-soya birlikte ekim sisteminde su-verim ve alan eşdeğer oranı ilişkisinin belirlenmesi. Ankara Üniversitesi Ziraat Fakültesi Tarım Bilimleri Dergisi. 11(2): 147-153, Ankara 2005.

B.15. Şimşek, M. ve S. Gerçek. Yarı-kurak koşullarda damla sulamada farklı sulama aralıklarının mısır bitkisinin (*Zea mays L. indentata*) su verim ilişkilerine etkisi. Atatürk Üniversitesi Ziraat Fakültesi Dergisi, 36(1):77-82, Erzurum 2005.

B.16. Çömlekçioğlu N. ve **Şimşek, M.** Yüksek sıcaklık koşullarında ve farklı su seviyesinde gibberellik asidin (GA_3) sanayi domatesinde meyve tutumuna etkisi. Yüzüncü Yıl Üniversitesi. 24 (3) 270-279, Van 2014.

C. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler:

C.1. Şimşek, M., H. Kırnak ve S. Gerçek. Aşağı Seyhan Ovasının bitkisel üretimdeki gelişim ve değişim sürecine bakarak güneydoğu Anadolu Bölgesinin (GAP'ın) gelecekte bitkisel üretim dokusunun kestirimi. I. Tarım Kongresi, 26-28 Mayıs 1999. 555-562, Şanlıurfa.

C.2. Gerçek, S., **M. Şimşek** ve H. Kırnak. Şanlıurfa-Harran Ovası İkizce serisi için yüzey akış uzunluklarının belirlenmesi üzerinde bir çalışma. I. Tarım Kongresi, 26-28 Mayıs 1999. 579-586, Şanlıurfa.

C.3. Kırnak, H., **M. Şimşek** ve S. Gerçek. Uzaktan algılama ve coğrafi bilgi sisteminin su erozyonu çalışmalarında kullanımı. I. Tarım Kongresi, 26-28 Mayıs 1999. 595-602, Şanlıurfa.

C.4. Bolat, İ., **M. Şimşek**, A. İkinci, S. Gerçek, H. Kırnak ve B.E. Ak. GAP Bölgesinde Çilekte Farklı Sulama Düzeyi ile Sulama Aralıklarının Verim, Kalite ve Yaprak Bitki Besin Elementi Kapsamına Etkileri. Türkiye Tarımsal Araştırma Projesi Sempozyumu, 20-21 Eylül 2000. Şanlıurfa.

C.5. Kırnak H., Y. Çelik, **M. Şimşek** ve T. Tonkaz. Atatürk barajının sosyo-ekonomik ve çevresel etkileri. I. Türkiye Su Kongresi, 8-10 Ocak 2001. 479-486, İstanbul.

C.6. Pakyürek, A.Y., S. Söylemez ve **M. Şimşek**. Plastik serada farklı sulama düzeylerinin kavunun verim ve bazı kalite özellikleri üzerine etkisi. 6. Ulusal Seracılık Sempozyumu, 5-7 Eylül 2001. 133-138, Fethiye/Muğla.

C.7. **Şimşek, M.**, S. Gerçek ve A. Öktem. Farklı sulama yöntemlerinin mısır bitkisinde verim ve su tüketimine etkisi. GAP III. Tarım Kongresi, 02-03 Ekim 2003. 173-179, Şanlıurfa.

C.8. Bolat, İ., A. İkinci, S. Gerçek, **M. Şimşek**, B. E. Ak ve H. Kırnak. Camarosa Çilek Çeşidinde Değişik Sulama Aralığı ve Sulama Düzeyinin Meyve Verimi, Erkencilik ve Kalite Özellikleri Üzerine Etkilerinin İncelenmesi. Türkiye IV. Ulusal Bahçe Bitkileri Kongresi, 2003. Cilt 1: 217-219, Antalya.

C.9. Bükün, B., **M. Şimşek.**, E. Yücel ve M. Deme. Mısırdaki farklı sulama rejimleri ve aralığının yabancı otlanmaya etkisi. IV. Tarım Kongresi, 21-23 Eylül 2005. 329-333, Şanlıurfa.

C.10. **Şimşek, M.** ve T. Tonkaz. Sulama Birliklerinin misyon ve vizyonları sulama eylemlerine katkıları. I. Ulusal Sulama ve Tarımsal Yapılar Sempozyumu, 27-29 Mayıs 2010. 201-207, Kahramanmaraş.

C.11. Çömlekçioglu, N. ve **M. Şimşek**. Harran Ovası Koşullarında Kontrollü Kısıtlı Sulamanın Karpuz Verimine ve Bazı Kalite Özelliklerine Etkileri. I. Ulusal Toprak ve Su Kaynakları Kongresi, 1-4 Haziran 2010. 53-61, Eskişehir.

D. Ulusal Hakemsiz Dergide Yayın

D.1. **Şimşek, M.** ve T. Tonkaz. Aşağı Seyhan Ovası Sulama Alanında Sulama Performanslarının Mevsimlik Değişimleri. DSİ Teknik Bülteni, **79**: 37-42, 1993.

E. Ulusal Toplantılarda Bildiri

E.1. **Şimşek, M.**, Y. Aktaş, U. Büyükhatipoğlu ve S. Arslan. Sulama Birlikleri ve Harran Ovasında potansiyel güçleri. 5. Dünya Su Formu İstanbul 2009. Sulama-Tuzlanma Toplantısı, 12-13 Haziran 2008. 287-296, Şanlıurfa.

E.1. **Şimşek, M.**, Aktaş, Y., Büyükhatipoğlu, U., Mermut, A. R., 2009. Potential Power of Irrigation Association in Harran Plain, Southeast Turkey. 5th World Water Forum. 16-22 March İstanbul.

Atıflar-Web Of Science (Yazarın kendisine yaptığı atıflar hariç): **7 makaleye toplam 80 kez atıf yapılmıştır.**

1. A1*

Title: **Effect of row space and irrigation on seed composition of Turkish sesame (Sesamum indicum L.)**

Author(s): Alpaslan M; Boydak E; Hayta M; et al.

Source: JOURNAL OF THE AMERICAN OIL CHEMISTS

SOCIETY Volume: **78** Issue: **9** Pages: **933-935** DOI: **10.1007/s11746-001-0366-**

0 Published: **SEP 2001** Times Cited: **7** (from Web of Science)

Title: **Effects of water limitation on grain and oil yields of sunflower cultivars**

1.

Author(s): Bajehbaj Ahmad Afkari

Source: JOURNAL OF FOOD AGRICULTURE &

ENVIRONMENT Volume: **8** Issue: **1** Pages: **98-101** Published: **JAN 2010**

Times Cited: **1** (from Web of Science)

Title: **Effects of water limitation on grain and oil yields of sesame cultivars**

2. Author(s): Eskandari Hamdollah; Zehtab-Salmasi Saeid; Ghassemi-Golezani Kazem; et al.

Source: JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT Volume: **7** Issue: **2** Pages: **339-342** Published: **APR 2009**

Times Cited: **1** (from Web of Science)

Title: **Determination of oil content and fatty acid composition of sesame mutants suited for intensive management conditions**

3. Author(s): Arslan Cigdem; Uzun Buelent; Uelger Salih; et al.

Source: JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY Volume: **84** Issue: **10** Pages: **917-920** DOI: **10.1007/s11746-007-1125-6** Published: **OCT 2007**

Times Cited: **9** (from Web of Science)

Title: **Fatty acid profiles of 80 vegetable oils with regard to their nutritional potential**

Author(s): Dubois Virginie; Breton Sylvie; Linder Michel; et al.

4. Source: EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY Volume: **109** Issue: **7** Pages: **710732** DOI: **10.1002/ejlt.200700040** Published: **JUL 2007**

Times Cited: **28** (from Web of Science)

Title: **Fat and fatty acids of white lupin (*Lupinus albus* L.) in comparison to sesame (*Sesamum indicum* L.)**

5. Author(s): Uzun B.; Arslan C.; Karhan M.; et al.

Source: FOOD CHEMISTRY Volume: **102** Issue: **1** Pages: **45-49** DOI: **10.1016/j.foodchem.2006.03.059** Published: **2007**

Times Cited: **18** (from Web of Science)

Title: **Seed oil content and fatty acid composition in East African sesame (*Sesamum indicum* L.) accessions evaluated over 3 years**

6. Author(s): Were BA; Onkware AO; Gudu S; et al.

Source: FIELD CROPS RESEARCH Volume: **97** Issue: **2-3** Pages: **254-260** DOI: **10.1016/j.fcr.2005.10.009** Published: **JUN 1 2006**

Times Cited: **10** (from Web of Science)

2. A.3*

Title: **Deficit irrigation effects on sweet corn (*Zea mays saccharata* Sturt) with drip irrigation system in a semi-arid region I. Water-yield relationship**

Author(s): Oktem A; Simsek M; Oktem AG

Source: AGRICULTURAL WATER MANAGEMENT Volume: **61** Issue: **1** Pages: **63-74** Article Number: **PII S0378-3774(02)00161-0** DOI: **10.1016/S0378-3774(02)00161-0** Published: **JUN 6 2003**

Times Cited: **26** (from Web of Science)

1. Title: **Application of ANN-Based Streamflow Forecasting Model for Agricultural Water Management in the Awash River Basin, Ethiopia**

Author(s): Edossa Desalegn Chemed; Babel Mukand Singh
Source: WATER RESOURCES
MANAGEMENT Volume: **25** Issue: **6** Pages: **1759-1773** DOI:**10.1007/s11269-010-9773-y** Published: **APR 2011**
Times Cited: **0** (from Web of Science)

Title: **Deficit irrigation practices as alternative means of improving water use efficiencies in irrigated agriculture: Case study of maize crop at Arba Minch, Ethiopia**

2. Author(s): Ayana Mekonen
Source: AFRICAN JOURNAL OF AGRICULTURAL RESEARCH Volume: **6** Issue: **2** Pages: **226-235** Published: **JAN 18 2011**
Times Cited: **0** (from Web of Science)

Title: **Increasing water productivity on Vertisols: implications for environmental sustainability**

3. Author(s): Jiru Mintesinot; Van Ranst Eric
Source: JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE Volume: **90** Issue: **13** Pages:**2276-2281** DOI: **10.1002/jsfa.4082** Published: **OCT 2010**
Times Cited: **0** (from Web of Science)

Title: **Morphological quality of sweet corn (Zea mays L.) ears as response to soil moisture tension and phosphate fertilization in Campeche, Mexico**

4. Author(s): Rivera-Hernandez B.; Carrillo-Avila E.; Obrador-Olan J. J.; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: **97** Issue: **9** Pages: **1365-1374** DOI:**10.1016/j.agwat.2010.04.001** Published: **SEP 2010**
Times Cited: **1** (from Web of Science)

Title: **Effect of different water stress on the yield and yield components of second crop corn in semiarid climate**

5. Author(s): Yilmaz Ersel; Akcay Selin; Gurbuz Talih; et al.
Source: JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT Volume: **8** Issue: **3-4** Pages: **415-421** Part: **Part 1** Published: **JUL-OCT 2010**
Times Cited: **0** (from Web of Science)

6. Title: **Applying evapotranspiration reference model and rainfall contribution index for agricultural water management plan in Burkina Faso**

Author(s): Wang Y. M.; Traore S.; Kerh T.
Source: AFRICAN JOURNAL OF AGRICULTURAL

RESEARCH Volume: **4** Issue: **12** Pages: **1493-1504** Published: **DEC 2009**
Times Cited: **2** (from Web of Science)

Title: [Water use and water use efficiency of sweet corn under different weather conditions and soil moisture regimes](#)

Author(s): Garcia y Garcia Axel; Guerra Larry C.; Hoogenboom Gerrit

7. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **10** Pages: **1369-1376** DOI:[10.1016/j.agwat.2009.04.022](#) Published: **OCT 2009**
Times Cited: **1** (from Web of Science)

Title: [Deficit irrigation as an on-farm strategy to maximize crop water productivity in dry areas](#)

Author(s): Geerts Sam; Raes Dirk

8. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **9** Pages: **1275-1284** DOI:[10.1016/j.agwat.2009.04.009](#) Published: **SEP 2009**
Times Cited: **22** (from Web of Science)

Title: [Using EPIC model to manage irrigated cotton and maize](#)

Author(s): Ko Jonghan; Piccinni Giovanni; Steglich Evelyn

9. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **9** Pages: **1323-1331** DOI:[10.1016/j.agwat.2009.03.021](#) Published: **SEP 2009**
Times Cited: **3** (from Web of Science)

Title: [Soil moisture tension and phosphate fertilization on yield components of A-7573 sweet corn \(Zea mays L.\) hybrid, in Campeche, Mexico](#)

Author(s): Rivera-Hernandez Benigno; Carrillo-Avila Eugenio; Jesus Obrador-Olan Jose; et al.

10. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **9** Pages: **1285-1292** DOI:[10.1016/j.agwat.2009.03.020](#) Published: **SEP 2009**
Times Cited: **1** (from Web of Science)

Title: [Corn yield responses under crop evapotranspiration-based irrigation management](#)

Author(s): Ko Jonghan; Piccinni Giovanni

11. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **5** Pages: **799-808** DOI:[10.1016/j.agwat.2008.10.010](#) Published: **MAY 2009**
Times Cited: **5** (from Web of Science)

12. Title: [Deficit irrigation in maize for reducing agricultural water use in a Mediterranean environment](#)

Author(s): Farre I.; Faci J. -M.

Source: AGRICULTURAL WATER

MANAGEMENT Volume: **96** Issue: **3** Pages: **383-**

394 DOI:10.1016/j.agwat.2008.07.002 Published: MAR 2009
Times Cited: 9 (from Web of Science)

Title: [ASSESSMENT OF WHEAT AND MAIZE WATER PRODUCTIVITIES AND PRODUCTION FUNCTION FOR CROPPING SYSTEM DECISIONS IN ARID AND SEMIARID REGIONS](#)

13. Author(s): Dehghanisani Hossein; Nakhjavani Mohammad M.; Tahiri Adel Zeggaf; et al.
Source: IRRIGATION AND DRAINAGE Volume: 58 Issue: 1 Pages: 105-115 DOI: 10.1002/ird.397 Published: FEB 2009
Times Cited: 2 (from Web of Science)

Title: [The effects of irrigation methods with effluent and irrigation scheduling on water use efficiency and corn yields in an arid region](#)

14. Author(s): Hassanli Ali Morad; Ebrahimzadeh Mohammad Ali; Beecham Simon
Source: AGRICULTURAL WATER MANAGEMENT Volume: 96 Issue: 1 Pages: 93-99 DOI:10.1016/j.agwat.2008.07.004 Published: JAN 2009
Times Cited: 5 (from Web of Science)

Title: [Determining water-yield relationship, water use efficiency, crop and pan coefficients for silage maize in a semiarid region](#)

15. Author(s): Kiziloglu Fatih M.; Sahin Ustun; Kuslu Yasemin; et al.
Source: IRRIGATION SCIENCE Volume: 27 Issue: 2 Pages: 129-137 DOI: 10.1007/s00271-008-0127-y Published: JAN 2009
Times Cited: 3 (from Web of Science)

Title: [Drip irrigation frequency: The effects and their interaction with nitrogen fertilization on sandy soil water distribution, maize yield and water use efficiency under Egyptian conditions](#)

16. Author(s): El-Hendawy S. E.; Hokam E. M.; Schmidhalter U.
Source: JOURNAL OF AGRONOMY AND CROP SCIENCE Volume: 194 Issue: 3 Pages: 180-192 DOI:10.1111/j.1439-037X.2008.00304.x Published: JUN 2008
Times Cited: 4 (from Web of Science)

Title: [Yield response of corn to irrigation and nitrogen fertilization in a Mediterranean environment](#)

17. Author(s): Di Paolo Elvio; Rinaldi Michele
Source: FIELD CROPS RESEARCH Volume: 105 Issue: 3 Pages: 202-210 DOI:10.1016/j.fcr.2007.10.004 Published: FEB 1 2008
Times Cited: 10 (from Web of Science)

18. Title: [Water-yield relation and water use efficiency of cotton \(*Gossypium hirsutum* L.\) and second crop corn \(*Zea mays* L.\) in western Turkey](#)

Author(s): Dagdelen N; Yilmaz E; Sezgin F; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: **82** Issue: **1-2** Pages: **63-85** DOI:[10.1016/j.agwat.2005.05.006](https://doi.org/10.1016/j.agwat.2005.05.006) Published: **APR 10 2006**
Times Cited: **24** (from Web of Science)

Title: [Effect of drip irrigation frequency on radish \(Raphanus sativus L.\) growth and water use](#)

19. Author(s): Wan SQ; Kang YH
Source: IRRIGATION SCIENCE Volume: **24** Issue: **3** Pages: **161-174** DOI: [10.1007/s00271-005-0005-9](https://doi.org/10.1007/s00271-005-0005-9) Published: **MAR 2006**
Times Cited: **7** (from Web of Science)

Title: [Prediction of crop yield, water consumption and water use efficiency with a SVAT-crop growth model using remotely sensed data on the North China Plain](#)

20. Author(s): Mo X
Source: ECOLOGICAL MODELLING Volume: **183** Issue: **2-3** Pages: **301-322** DOI:[10.1016/j.ecolmodel.2004.07.032](https://doi.org/10.1016/j.ecolmodel.2004.07.032) Published: **APR 25 2005**
Times Cited: **47** (from Web of Science)

Title: [Review of measured crop water productivity values for irrigated wheat, rice, cotton and maize](#)

21. Author(s): Zwart SJ; Bastiaanssen WGM
Source: AGRICULTURAL WATER MANAGEMENT Volume: **69** Issue: **2** Pages: **115-133** DOI:[10.1016/j.agwat.2004.04.007](https://doi.org/10.1016/j.agwat.2004.04.007) Published: **SEP 15 2004**
Times Cited: **105** (from Web of Science)

3. A4*

Title: [Effects of preharvest drip-irrigation scheduling on strawberry yield, quality and growth](#)

Author(s): Kirnak H; Kaya C; Higgs D; et al.
Source: AUSTRALIAN JOURNAL OF EXPERIMENTAL AGRICULTURE Volume: **43** Issue: **1** Pages: **105-111** DOI: [10.1071/EA02045](https://doi.org/10.1071/EA02045) Published: **2003**
Times Cited: **6** (from Web of Science)

Title: [Climate change impacts on UK top and soft fruit production](#)

1. Author(s): Else Mark; Atkinson Chris
Source: OUTLOOK ON AGRICULTURE Volume: **39** Issue: **4** Special Issue: **SI** Pages: **257-262** DOI:[10.5367/oa.2010.0014](https://doi.org/10.5367/oa.2010.0014) Published: **DEC 2010**
Times Cited: **0** (from Web of Science)

2. Title: [Manipulating the taste-related composition of strawberry fruits \(Fragaria x ananassa\) from different cultivars using deficit irrigation](#)

Author(s): Bordonaba J. Gine; Terry L. A.
Source: FOOD CHEMISTRY Volume: **122** Issue: **4** Pages: **1020-**

1026 DOI:10.1016/j.foodchem.2010.03.060 Published: OCT 15 2010
Times Cited: 0 (from Web of Science)

Title: [Water levels and soil mulches in relation to strawberry diseases and yield in a greenhouse](#)

3. Author(s): de Matos Pires Regina Celia; Folegatti Marcos Vinicius; de Souza Tanaka Maria Aparecida; et al.
Source: SCIENTIA AGRICOLA Volume: 64 Issue: 6 Pages: 575-581 Published: NOV-DEC 2007
Times Cited: 0 (from Web of Science)

Title: [Tensiometer-based irrigation scheduling in perennial strawberry cultivation](#)

4. Author(s): Hoppula Kalle I.; Salo Tapio J.
Source: IRRIGATION SCIENCE Volume: 25 Issue: 4 Pages: 401-409 DOI: 10.1007/s00271-006-0055-7 Published: JUL 2007
Times Cited: 2 (from Web of Science)

Title: [Fruit quality in strawberry \(Fragaria x ananassa Duch. cv. Korona\) at three times during the season and with two fertilizer strategies](#)

5. Author(s): Wold Anne-Berit; Opstad Nina
Source: JOURNAL OF APPLIED BOTANY AND FOOD QUALITY-ANGEWANDTE BOTANIK Volume: 81 Issue: 1 Pages: 36-40 Published: JUN 2007
Times Cited: 2 (from Web of Science)

Title: [Water requirement and water use efficiency of fresh and waiting-bed strawberry plants](#)

6. Conference: 4th International Symposium on Irrigation of Horticultural Crops Location: Davis, CA Date: SEP 01-06, 2003
Source: PROCEEDINGS OF THE IVTH INTERNATIONAL SYMPOSIUM ON IRRIGATION OF HORTICULTURAL CROPS Book Series: ACTA HORTICULTURAE Issue: 664 Pages: 347-352 Published: 2004
Times Cited: 0 (from Web of Science)

4. A5*

Title: [Determining optimum tilt angles and orientations of photovoltaic panels in Sanliurfa, Turkey](#)

- Author(s): Kacira M; Simsek M; Babur Y; et al.
Source: RENEWABLE ENERGY Volume: 29 Issue: 8 Pages: 1265-1275 DOI:10.1016/j.renene.2003.12.014 Published: JUL 2004
Times Cited: 22 (from Web of Science)

Title: [Adaptive sun tracking algorithm for incident energy maximization and efficiency improvement of PV panels](#)

1. Author(s): Ranganathan Raghuram; Mikhael Wasfy; Kutkut Nasser; et al.
Source: RENEWABLE ENERGY Volume: 36 Issue: 10 Special Issue: SI Pages: 2623-2626 DOI:10.1016/j.renene.2010.06.011 Published: OCT 2011

Times Cited: **0** (from Web of Science)

Title: **Probabilistic modelling of hybrid solar/wind power system with solar tracking system**

2. Author(s): Tina Giuseppe Marco; Gagliano Salvina
Source: RENEWABLE ENERGY Volume: **36** Issue: **6** Pages: **1719-1727** DOI:**10.1016/j.renene.2010.12.001** Published: **JUN 2011**
Times Cited: **0** (from Web of Science)

Title: **Measured and modelled improvement in solar energy yield from flat plate photovoltaic systems utilizing different tracking systems and under a range of environmental conditions**

3. Author(s): Koussa M.; Cheknane A.; Hadji S.; et al.
Source: APPLIED ENERGY Volume: **88** Issue: **5** Pages: **1756-1771** DOI:**10.1016/j.apenergy.2010.12.002** Published: **MAY 2011**
Times Cited: **0** (from Web of Science)

Title: **Optical performance of vertical axis three azimuth angles tracked solar panels**

4. Author(s): Ma Yi; Li Guihua; Tang Runsheng
Source: APPLIED ENERGY Volume: **88** Issue: **5** Pages: **1784-1791** DOI:**10.1016/j.apenergy.2010.12.018** Published: **MAY 2011**
Times Cited: **0** (from Web of Science)

Title: **Maximum Efficiency Trajectories of a Two-Axis Sun Tracking System Determined Considering Tracking System Consumption**

5. Author(s): Seme Sebastijan; Stumberger Gorazd; Vorsic Joze
Source: IEEE TRANSACTIONS ON POWER ELECTRONICS Volume: **26** Issue: **4** Special Issue: **SI** Pages: **1280-1290** DOI: **10.1109/TPEL.2011.2105506** Published: **APR 2011**
Times Cited: **0** (from Web of Science)

Title: **Optimization of tilt angle for solar panel: Case study for Madinah, Saudi Arabia**

6. Author(s): Benganem M.
Source: APPLIED ENERGY Volume: **88** Issue: **4** Pages: **1427-1433** DOI:**10.1016/j.apenergy.2010.10.001** Published: **APR 2011**
Times Cited: **1** (from Web of Science)

Title: **Optimal solar-PV tilt angle and azimuth: An Ontario (Canada) case-study**

7. Author(s): Rowlands Ian H.; Kemery Briana Paige; Beausoleil-Morrison Ian
Source: ENERGY POLICY Volume: **39** Issue: **3** Pages: **1397-1409** DOI: **10.1016/j.enpol.2010.12.012** Published: **MAR 2011**
Times Cited: **0** (from Web of Science)

Title: [Optimum fixed orientations and benefits of tracking for capturing solar radiation in the continental United States](#)

8. Author(s): Lave Matthew; Kleissl Jan
Source: RENEWABLE ENERGY Volume: **36** Issue: **3** Pages: **1145-1152** DOI: **10.1016/j.renene.2010.07.032** Published: **MAR 2011**
Times Cited: **0** (from Web of Science)

Title: [Optical performance of inclined south-north axis three-positions tracked solar panels](#)

9. Author(s): Zhong Hao; Li Guihua; Tang Runsheng; et al.
Source: ENERGY Volume: **36** Issue: **2** Pages: **1171-1179** DOI: **10.1016/j.energy.2010.11.031** Published: **FEB 2011**
Times Cited: **0** (from Web of Science)

Title: [Optical performance of vertical single-axis tracked solar panels](#)

10. Author(s): Li Zhimin; Liu Xinyue; Tang Runsheng
Source: RENEWABLE ENERGY Volume: **36** Issue: **1** Pages: **64-68** DOI: **10.1016/j.renene.2010.05.020** Published: **JAN 2011**
Times Cited: **1** (from Web of Science)

Title: [Determination of the optimal tilt angle and orientation for solar photovoltaic arrays](#)

11. Author(s): Mehleri E. D.; Zervas P. L.; Sarimveis H.; et al.
Source: RENEWABLE ENERGY Volume: **35** Issue: **11** Pages: **2468-2475** DOI: **10.1016/j.renene.2010.03.006** Published: **NOV 2010**
Times Cited: **1** (from Web of Science)

Title: [Optimal the tilt angles for photovoltaic modules in Taiwan](#)

12. Author(s): Chang Ying-Pin
Source: INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS Volume: **32** Issue: **9** Pages: **956-964** DOI: **10.1016/j.ijepes.2010.02.010** Published: **NOV 2010**
Times Cited: **0** (from Web of Science)

Title: [Optical performance of inclined south-north single-axis tracked solar panels](#)

13. Author(s): Li Zhimin; Liu Xinyue; Tang Runsheng
Conference: 7th International Conference on Sustainable Energy Technologies Location: Liverpool, ENGLAND Date: FEB 20-21, 2008
Source: ENERGY Volume: **35** Issue: **6** Special Issue: **SI** Pages: **2511-2516** DOI: **10.1016/j.energy.2010.02.050** Published: **JUN 2010**
Times Cited: **4** (from Web of Science)

- Title: [Optimal the tilt angles for photovoltaic modules using PSO method with nonlinear time-varying evolution](#)
14. Author(s): Chang Ying-Pin
Source: ENERGY Volume: 35 Issue: 5 Pages: 1954-1963 DOI: 10.1016/j.energy.2010.01.010 Published: MAY 2010
Times Cited: 1 (from Web of Science)
- Title: [COMPARATIVE STUDY ON THE GAIN OF A TRACKING PANEL ACCORDING TO DIFFERENT RADIATION SOURCES](#)
15. Author(s): Chang Tian-Pau
Source: JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS Volume: 33 Issue: 1 Special Issue:SI Pages: 131-139 DOI: 10.1080/02533839.2010.9671605 Published: JAN 2010
Times Cited: 0 (from Web of Science)
- Title: [Performance study on the east-west oriented single-axis tracked panel](#)
16. Author(s): Chang Tian Pau
Source: ENERGY Volume: 34 Issue: 10 Pages: 1530-1538 DOI: 10.1016/j.energy.2009.06.044 Published: OCT 2009
Times Cited: 5 (from Web of Science)
- Title: [Optimum tilt angle and orientation for solar collectors in Syria](#)
17. Author(s): Skeiker Kamal
Source: ENERGY CONVERSION AND MANAGEMENT Volume: 50 Issue: 9 Pages: 2439-2448 DOI:10.1016/j.enconman.2009.05.031 Published: SEP 2009
Times Cited: 3 (from Web of Science)
- Title: [Performance analysis of tracked panel according to predicted global radiation](#)
18. Author(s): Chang Tian Pau
Source: ENERGY CONVERSION AND MANAGEMENT Volume: 50 Issue: 8 Pages: 2029-2034 DOI:10.1016/j.enconman.2009.04.007 Published: AUG 2009
Times Cited: 0 (from Web of Science)
- Title: [The gain of single-axis tracked panel according to extraterrestrial radiation](#)
19. Author(s): Chang Tian Pau
Source: APPLIED ENERGY Volume: 86 Issue: 7-8 Pages: 1074-1079 DOI:10.1016/j.apenergy.2008.08.002 Published: JUL-AUG 2009
Times Cited: 12 (from Web of Science)
20. Title: [Optimal design of discrete-value tilt angle of PV using sequential neural-network approximation and orthogonal array](#)
Author(s): Chang Ying-Pin
Source: EXPERT SYSTEMS WITH

APPLICATIONS Volume: 36 Issue: 3 Pages: 6010-6018 DOI:10.1016/j.eswa.2008.06.105 Published: APR 2009
Times Cited: 3 (from Web of Science)

Title: [Optimal sizing and life cycle assessment of residential photovoltaic energy systems with battery storage](#)

21. Author(s): Celik A. N.; Muneer T.; Clarke P.
Source: PROGRESS IN PHOTOVOLTAICS Volume: 16 Issue: 1 Pages: 69-85 DOI: 10.1002/pip.774 Published: JAN 2008
Times Cited: 3 (from Web of Science)

Title: [The impact of array inclination and orientation on the performance of a grid-connected photovoltaic system](#)

22. Author(s): Mondol Jayanta Deb; Yohanis Yigzaw G.; Norton Brian
Source: RENEWABLE ENERGY Volume: 32 Issue: 1 Pages: 118-140 DOI:10.1016/j.renene.2006.05.006 Published: JAN 2007
Times Cited: 12 (from Web of Science)]

5. A8*

Title: [The effects of different drip irrigation regimes on watermelon \[Citrullus lanatus \(Thunb.\)\] yield and yield components under semi-arid climatic conditions](#)

- Author(s): Simsek M; Kacira M; Tonkaz T
Source: AUSTRALIAN JOURNAL OF AGRICULTURAL RESEARCH Volume: 55 Issue: 11 Pages: 1149-1157 DOI: 10.1071/AR03264 Published: 2004
Times Cited: 12 (from Web of Science)

Title: [EFFECTS OF SALINE WATER ON TOMATO UNDER SUBSURFACE DRIP IRRIGATION: NUTRITIONAL AND FOLIAR ASPECTS](#)

1. Author(s): Kahlaoui B.; Hachicha M.; Rejeb S.; et al.
Source: JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION Volume: 11 Issue: 1 Pages: 69-86 Published: 2011
Times Cited: 0 (from Web of Science)

Title: [Yield and quality response of drip irrigated broccoli \(Brassica oleracea L. var. italica\) under different irrigation regimes, nitrogen applications and cultivation periods](#)

2. Author(s): Erdem Tolga; Arin Levent; Erdem Yesim; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: 97 Issue: 5 Pages: 681-688 DOI:10.1016/j.agwat.2009.12.011 Published: MAY 2010
Times Cited: 1 (from Web of Science)

Title: [Subsurface drip irrigation scheduling for cucumber \(Cucumis sativus L.\) grown in solar greenhouse based on 20 cm standard pan evaporation in Northeast China](#)

3. Author(s): Wang Zhenying; Liu Zuoxin; Zhang Zikun; et al.
Source: SCIENTIA HORTICULTURAE Volume: 123 Issue: 1 Pages: 51-57 DOI:10.1016/j.scienta.2009.07.020 Published: DEC 1 2009
Times Cited: 5 (from Web of Science)

4. Title: **Yield and Water Use Efficiency of Drip Irrigated Cotton (*Gossypium hirsutum* L.) at Different Irrigation Intervals and Watering Regimes**
Author(s): Dagdelen Necdet; Sezgin Fuat; Gurbuz Talih; et al.
Source: PHILIPPINE AGRICULTURAL SCIENTIST Volume: **92** Issue: **2** Pages: **193-200** Published: **JUN 2009**
Times Cited: **0** (from Web of Science)
5. Title: **Water and Radiation Use Efficiencies in Drip-irrigated Pepper (*Capsicum annuum* L.): Response to Full and Deficit Irrigation Regimes**
Author(s): Karam F.; Masaad R.; Bachour R.; et al.
Source: EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE Volume: **74** Issue: **2** Pages: **79-85** Published: **APR 2009**
Times Cited: **1** (from Web of Science)
6. Title: **Effect of Preharvest Deficit Irrigation on Second Crop Watermelon Grown in an Extremely Hot Climate**
Author(s): Kirnak Halil; Dogan Erguen; Bilgel Luetfiye; et al.
Source: JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING-ASCE Volume: **135** Issue: **2** Pages: **141-148** DOI: **10.1061/(ASCE)0733-9437(2009)135:2(141)** Published: **MAR-APR 2009**
Times Cited: **0** (from Web of Science)

7. Title: **Different drip irrigation regimes affect cotton yield, water use efficiency and fiber quality in western Turkey**
Author(s): Dagdelen N.; Basal H.; Yilmaz E.; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **1** Pages: **111-120** DOI: **10.1016/j.agwat.2008.07.003** Published: **JAN 2009**
Times Cited: **9** (from Web of Science)

8. Title: **Effect of seasonal water stress imposed on drip irrigated second crop watermelon grown in semi-arid climatic conditions**
Author(s): Kirnak Halil; Dogan Ergun
Source: IRRIGATION SCIENCE Volume: **27** Issue: **2** Pages: **155-164** DOI: **10.1007/s00271-008-0130-3** Published: **JAN 2009**
Times Cited: **1** (from Web of Science)

9. Title: **Yield, mineral composition, water relations, and water use efficiency of grafted mini-watermelon plants under deficit irrigation**
Author(s): Roupheal Youssef; Cardarelli Mariateresa; Colla Giuseppe; et al.
Source: HORTSCIENCE Volume: **43** Issue: **3** Pages: **730-736** Published: **JUN 2008**
Times Cited: **10** (from Web of Science)
10. Title: **Water stress imposed on muskmelon (*Cucumis Melo* L.) with subsurface and surface drip irrigation systems under semi-arid climatic conditions**
Author(s): Dogan E.; Kirnak H.; Berekatoglu K.; et al.
Source: IRRIGATION SCIENCE Volume: **26** Issue: **2** Pages: **131-138** DOI: **10.1007/s00271-007-0079-7** Published: **JAN 2008**

Times Cited: **6** (from Web of Science)

Title: [Effect of irrigation rate on yield of drip-irrigated seedless watermelon in a humid region](#)

11. Author(s): McCann Ian; Kee Ed; Adkins James; et al.
Source: SCIENTIA HORTICULTURAE Volume: 113 Issue: 2 Pages: 155-161 DOI:10.1016/j.scienta.2007.03.008 Published: JUN 26 2007
Times Cited: **3** (from Web of Science)

Title: [Analysis of on-farm irrigation performance in Mediterranean greenhouses](#)

- Author(s): Fernandez M. D.; Gonzalez A. M.; Carreno J.; et al.
12. Source: AGRICULTURAL WATER MANAGEMENT Volume: 89 Issue: 3 Pages: 251-260 DOI:10.1016/j.agwat.2007.02.001 Published: MAY 10 2007
Times Cited: **5** (from Web of Science)

6. A9*

Title: [Effect of irrigation frequencies on yield characteristics of dent corn \(Zea mays indentata\) and water-yield relationships under semi-arid region](#)

- Author(s): Okten A; Simsek M
Source: INDIAN JOURNAL OF AGRONOMY Volume: **49** Issue: **3** Pages: **174-178** Published: **SEP 2004**
Times Cited: **2** (from Web of Science)

Title: [EFFECTS OF IRRIGATION FREQUENCY UNDER LIMITED IRRIGATION ON ROOT WATER UPTAKE, YIELD AND WATER USE EFFICIENCY OF WINTER WHEAT](#)

1. Author(s): Shao Liwei; Zhang Xiyang; Chen Suying; et al.
Source: IRRIGATION AND DRAINAGE Volume: **58** Issue: **4** Pages: **393-405** DOI: **10.1002/ird.442** Published: **OCT 2009**
Times Cited: **0** (from Web of Science)

Title: [Nitrogen management in maize \(Zea mays\) under life saving and assured irrigations](#)

2. Author(s): Sepat Seema; Kumar Ashok
Source: INDIAN JOURNAL OF AGRICULTURAL SCIENCES Volume: **77** Issue: **7** Pages: **451-454** Published: **JUL 2007**
Times Cited: **1** (from Web of Science)

7. A10*

Title: [The effects of different irrigation regimes on cucumber \(Cucumis sativus L.\) yield and yield characteristics under open field conditions](#)

- Author(s): Simsek M; Tonkaz T; Kacira M; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: **73** Issue: **3** Pages: **173-191** DOI:10.1016/j.agwat.2004.10.013 Published: **MAY 16 2005**
Times Cited: **11** (from Web of Science)

1. Title: [Effect of irrigation schedules on yield and water use of onion \(Allium cepa L.\)](#)

Author(s): Pejic Borivoj; Gvozdanovic-Varga Jelica; Milic Stanko; et al.

Source: AFRICAN JOURNAL OF BIOTECHNOLOGY Volume: **10** Issue: **14** Pages: **2644-2652** Published: **APR 4 2011**

Times Cited: **0** (from Web of Science)

Title: [Water and nutrient use efficiency of a low-cost hydroponic greenhouse for a cucumber crop: An Australian case study](#)

Author(s): Grewal Harsharn S.; Maheshwari Basant; Parks Sophie E.

2. Source: AGRICULTURAL WATER MANAGEMENT Volume: **98** Issue: **5** Pages: **841-846** DOI:[10.1016/j.agwat.2010.12.010](#) Published: **MAR 2011**
Times Cited: **0** (from Web of Science)

Title: [Temporal and spatial diversity of the occurrence of atmospheric drought in Poland \(1966-2005\) and its effect of yield of pickling cucumber \(Cucumis sativus L.\)](#)

3. Author(s): Kalbarczyk R.
Source: SPANISH JOURNAL OF AGRICULTURAL RESEARCH Volume: **8** Issue: **4** Pages: **1147-1162** Published: **DEC 2010**
Times Cited: **1** (from Web of Science)

Title: [Effect of Deficit Irrigation and Fertilization on Cucumber](#)

Author(s): Amer Kamal H.; Midan Sally A.; Hatfield Jerry L.

4. Source: AGRONOMY JOURNAL Volume: **101** Issue: **6** Pages: **1556-1564** DOI:[10.2134/agronj2009.0112](#) Published: **NOV-DEC 2009**
Times Cited: **3** (from Web of Science)

Title: [Water-use efficiency and evapotranspiration of mango orchard grown in northeastern region of Brazil](#)

Author(s): Rodrigues da Silva Vicente de Paulo; Baracuy da Cunha Campos

5. Joao Hugo; de Azevedo Pedro Vieira
Source: SCIENTIA HORTICULTURAE Volume: **120** Issue: **4** Pages: **467-472** DOI:[10.1016/j.scienta.2008.12.005](#) Published: **MAY 19 2009**
Times Cited: **0** (from Web of Science)

Title: [Yield and quality of melon grown under different irrigation and nitrogen rates](#)

Author(s): Cabello M. J.; Castellanos M. T.; Romojaro F.; et al.

6. Source: AGRICULTURAL WATER MANAGEMENT Volume: **96** Issue: **5** Pages: **866-874** DOI:[10.1016/j.agwat.2008.11.006](#) Published: **MAY 2009**
Times Cited: **7** (from Web of Science)

7. Title: [Timing of drip irrigation initiation affects irrigation water use efficiency and yield of bell pepper under plastic mulch](#)

Author(s): Ngouajio Mathieu; Wang Guangyao; Goldy Ronald G.

Source: HORTTECHNOLOGY Volume: **18** Issue: **3** Pages: **397-**

402 Published: **JUL-SEP 2008**

Times Cited: **0** (from Web of Science)

Title: **Improvement of crop yield, soil moisture distribution and water use efficiency in sandy soils by clay application**

8. Author(s): Ismail Saleh M.; Ozawa Kiyoshi
Source: APPLIED CLAY SCIENCE Volume: **37** Issue: **1-2** Pages: **81-89** DOI:**10.1016/j.clay.2006.12.005** Published: **JUN 2007**
Times Cited: **2** (from Web of Science)

Title: **Analysis of on-farm irrigation performance in Mediterranean greenhouses**

9. Author(s): Fernandez M. D.; Gonzalez A. M.; Carreno J.; et al.
Source: AGRICULTURAL WATER MANAGEMENT Volume: **89** Issue: **3** Pages: **251-260** DOI:**10.1016/j.agwat.2007.02.001** Published: **MAY 10 2007**
Times Cited: **5** (from Web of Science)]
Title: **Response of onion (*Allium cepa* L.) to different levels of irrigation water**
Author(s): Kumar Satyendra; Imtiyaz M.; Kumar Ashwani; et al.
10. Source: AGRICULTURAL WATER MANAGEMENT Volume: **89** Issue: **1-2** Pages: **161-166** DOI:**10.1016/j.agwat.2007.01.003** Published: **APR 16 2007**
Times Cited: **16** (from Web of Science)

Title: **Irrigation and fertilizer management effects on processing cucumber productivity and water use efficiency**

11. Author(s): Beyaert R. R.; Roy R. C.; Coelho B. K. Ball
Source: CANADIAN JOURNAL OF PLANT SCIENCE Volume: **87** Issue: **2** Pages: **355-363** Published: **APR 2007**
Times Cited: **3** (from Web of Science)

Danışmanlığında Devam Eden ve/veya Tamamlanan Tezler :

Öğrenci Adı Soyadı	Tez Başlığı	Yılları
Yıldız, Remziye	“Şanlıurfa Karakoyun Deresi Atıksularıyla Sulanan Paşabağı Tarım Alanlarının Sorunları ve Çözüm Önerileri”	2001