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Publons / Web Of Science ResearcherID: AAB-2495-2019

ScopusID: 15760611400

Education Information

Doctorate, Akdeniz University, Fen Bilimleri Enst., Turkey 2004 - 2011

Postgraduate, Akdeniz University, Fen Bilimleri Enst., Turkey 2001 - 2004

Undergraduate, Akdeniz University, Z. Fakültesi, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Eğiticinin Eğitimi, İstanbul Üniversitesi, 2020

Vocational Training, E+ Staff Training Programme, Warsaw University of Life Sciences, 2019

Education Management and Planning, E+ Staff Training Programme, University College Dublin, 2018

Education Management and Planning, Springer Nature Author Workshop, Springer Nature, 2018

Education Management and Planning, SAGE's how to get published Workshop, SAGE Publishing, 2018

Occupational Health and Safety, İş sağlığı ve Güvenliği Eğitimi, İstanbul Üniversitesi, 2017

Education Management and Planning, Sınai Mülkiyet Eğitim Semineri, Türk Patent ve Marka Kurumu, 2017

Education Management and Planning, Proje Döngüsü Yönetim Eğitimi (PCM), İstanbul Kalkınma Ajansı, 2017

Other, PATLIB2017: a learning event, European Patent Office, 2017

Education Management and Planning, Plant Health: Challenges and Solutions Workshop, British Council, 2017

Other, PATLIB2016: a networking event, European Patent Office, 2016

Other, PATLIB2015: a learning event, European Patent Office, 2015

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, İş Sağlığı ve Güvenliği Koordinatörlüğü, 2014

Other, Sınai Mülkiyet Hakları Eğitimi, Türk Patent Enstitüsü, 2014

Other, PATLIB 2014 – a networking event, European Patent Office, 2014
Quality Management, TS EN ISO 9001 Kalite Yönetim Sistemi (KYS) Temel Eğitimi, Türk Standartları Enstitüsü, 2014
Quality Management, TS EN ISO 9001 KYS İç Kalite Tetkik Eğitimi, İstanbul Üniversitesi, 2014
Quality Management, TS EN ISO 9001 KYS İç Kalite Tetkik Eğitimi, Türk Standartları Enstitüsü, 2014
Other, Patent Eğitim Seti ile Eğiticilerin Eğitimi, Türk Patent Enstitüsü, 2014
Quality Management, TS EN ISO 9000 Kalite Yönetim Sistemi Dokümantasyon Eğitimi, Türk Patent Enstitüsü, 2010
Quality Management, Proseslerin Yönetimi Etkileşimi ve İyileştirme Teknikleri Eğitimi, Türk Standartları Enstitüsü, 2010
Quality Management, TS ISO 10002 Müşteri Memnuniyeti ve Şikayet Yönetim Sistemi Temel Eğitimi, Türk Standartları Enstitüsü, 2010
Other, Novel Approaches in Protein Engineering Workshop, Sabancı Üniversitesi, 2010
Other, Bitki Moleküler Genetiğinde Son Teknikler, TÜBİTAK-MAM Gen Mühendisliği ve Biyoteknoloji Enstitüsü, 2008
Other, Antioksidan Öğrenci Çalıştayı, Akdeniz Üniversitesi, 2007
Other, Koruma Genetiği: Kavram ve Metotların Güncellemesi Çalıştayı, Akdeniz Üniversitesi, 2007
Other, Proteomics Protein Yapı ve Fonksiyon Çalıştayı, Akdeniz Üniversitesi, 2006
Other, DNA Markörleri ve Bitki Islahında Kullanımı, Çukurova Üniversitesi, 2006
Other, Jean Monnet III. Dönem Avrupa Birliği Temel Eğitimi, Akdeniz Üniversitesi, 2004
Education Management and Planning, IAESTE, University of Cologne, 2000

Dissertations

Doctorate, Seçilmiş Susam Genotiplerinin Solgunluğa Dayanıklılık Bakımından Karakterizasyonu ve Tarımsal Özelliklerinin Değerlendirilmesi, Akdeniz University, Fen Bilimleri Enstitüsü, 2011
Postgraduate, Bitki Aktivatörü olarak Geliştirilmiş "AkseBio" Preparatının Bazı Toprak Kökenli Funguslara Etki Mekanizmasının Araştırılması , Akdeniz University, Fen Bilimleri Enstitüsü, 2004

Research Areas

Pharmaceutical Biotechnology, Pharmaceutical Technology, Social Sciences and Humanities, Education, Education in Natural Sciences, Education in Biology, Plant Protection, Phytopathology, Mycology, Bacteriology, Biotechnology and Genetics, Bioinformatics, Biological Information, Biological Modelling, Biological Databases, Genomics, Microbial Genetics

Academic Titles / Tasks

Medical Doctor, Istanbul University, Rektörlük, Biyoteknoloji ve Genetik Mühendisliği Uygulama ve Araştırma Merkezi, 2019 - Continues
Medical Doctor, Istanbul University, Rektörlük, Technology Transfer Application and Research Center, 2013 - 2019
Medical Doctor, Istanbul University, Rektörlük, Bilimsel Araştırma Projeleri Koordinasyon Birimi, 2010 - 2013
Research Assistant, Akdeniz University, Institute Of Science, Fen Bilimleri Enstitüsü, 2002 - 2010

Academic and Administrative Experience

Courses

Mikoloji, Undergraduate, 2001 - 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Targeting Breast Cancer with N-Acetyl-D-Glucosamine: Integrating Machine Learning and Cellular Assays for Promising Results**
Baysal Ö., Genç D., Silme R. S., Kirboğa K. K., Çoban D., Abdul Ghafoor N., Tekin L., Bulut O.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.24, no.5, pp.334-347, 2024 (SCI-Expanded)
- II. **Data mining and molecular dynamics analysis to detect HIV-1 reverse transcriptase RNase H activity inhibitor**
Abdul Ghafoor N., Kirboğa K. K., Baysal Ö., Süzek B. E., Silme R. S.
MOLECULAR DIVERSITY, vol.1, pp.1-20, 2023 (SCI-Expanded)
- III. **GENOMIC CHARACTERIZATION AND PHYTOSTIMULATIVE EFFECT OF A NOVEL SERRATIA SPECIES
GENOMSKA KARAKTERIZACIJA I FITOSTIMULATIVNI EFEKAT NOVE VRSTE SERRATIA**
Çetinkaya A., Baysal Ö., Silme R. S., Azim M. K., Saleem F.
Genetika, vol.54, no.1, pp.341-367, 2022 (SCI-Expanded)
- IV. **Synthesis of Adenine-based Fluorescent and Naked-eye Chemosensors: Specific DNA Probes for the Detection of Bacterial Pathogens**
Şener B., Baysal Ö., Nadeem S., Silme R. S.
Acta Chimica Slovenica, vol.68, pp.555-565, 2021 (SCI-Expanded)
- V. **The effect of a seed coating with Origanum vulgare essential oil on Clavibacter michiganensis subsp. michiganensis**
Yılmaz M., Baysal Ö., Silme R. S.
PLANT PROTECTION SCIENCE, vol.57, no.3, pp.217-225, 2021 (SCI-Expanded)
- VI. **Molecular dynamics analysis of N-acetyl-D-glucosamine against specific SARS-CoV-2's pathogenicity factors**
Baysal Ö., Abdul Ghafoor N., Silme R. S., Ignatov A. N., Kniazeva V.
Plos One, vol.16, no.5, pp.1-15, 2021 (SCI-Expanded)
- VII. **GENETIC UNIFORMITY OF A SPECIFIC REGION IN SARS-CoV-2 GENOME AND REPURPOSING OF N-ACETYL-D-GLUCOSAMINE**
Baysal Ö., Silme R. S., Karaaslan İ. Ç., Ignatov A. N.
Presenius Environmental Bulletin, vol.30, no.3, pp.2848-2857, 2021 (SCI-Expanded)
- VIII. **BIODEGRADATION OF ESSENTIAL OIL BY ENTEROBACTER SP INDUCES PLANT GROWTH AND INHIBITS DAMPING-OFF PATHOGENS**
Silme R. S., Baysal Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.9, pp.3493-3506, 2016 (SCI-Expanded)
- IX. **FIRST REPORT ON THE OCCURRENCE AND SYMPTOMATOLOGY OF PHYLLODY DISEASE IN JUTE (Corchorus olitorius L.) AND ITS PLANT CHARACTERISTICS IN TURKEY**
ÇAĞIRGAN M. İ., Topuz H., Mbaye N., Silme R. S.
TURKISH JOURNAL OF FIELD CROPS, vol.19, no.1, pp.129-135, 2014 (SCI-Expanded)
- X. **THE IMPACT OF CLIMATE VARIABILITY ON OCCURRENCE OF SESAME PHYLLODY AND SYMPTOMATOLOGY OF THE DISEASE IN A MEDITERRANEAN ENVIRONMENT**
ÇAĞIRGAN M. İ., Mbaye N., Silme R. S., Ouedraogo N., Topuz H.
TURKISH JOURNAL OF FIELD CROPS, vol.18, no.1, pp.101-108, 2013 (SCI-Expanded)
- XI. **SCREENING FOR RESISTANCE TO FUSARIUM WILT IN INDUCED MUTANTS AND WORLD COLLECTION OF SESAME UNDER INTENSIVE MANAGEMENT**
Silme R. S., ÇAĞIRGAN M. İ.
TURKISH JOURNAL OF FIELD CROPS, vol.15, no.1, pp.89-93, 2010 (SCI-Expanded)
- XII. **RADIOSENSITIVITY OF AFRICAN SESAME CULTIVARS TO GAMMA-RAYS**
BOUREIMA S., DIOUF M., Silme R. S., DIOP T., VAN DAMME P., ÇAĞIRGAN M. İ.
TURKISH JOURNAL OF FIELD CROPS, vol.14, no.2, pp.181-190, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Tohumla Taşınan Hastalıkların Mücadelesinde Doğal Tohum Film Kaplama Teknolojisi**
Yılmaz M., Silme R. S., Baysal Ö.
Harman Time, no.98, pp.2-5, 2021 (Peer-Reviewed Journal)
- II. **Anız yakmanın toprakta mikroflora dinamiğine olan etkileri**
Silme R. S., Gümrükçü E., Özkan C. F., Baysal Ö.
Elektronik Mikrobiyoloji Dergisi TR, vol.12, no.1, pp.46-51, 2015 (Peer-Reviewed Journal)
- III. **TILLING (Targetting Induced Local Lesions In Genomes) Technology for Plant Functional Genomics**
SİLME R. S., Cagırgan M.
JOURNAL OF APPLIED BIOLOGICAL SCIENCES, vol.1, no.1, pp.77-80, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Utilization from Computational Methods and Omics Data for Antiviral Drug Discovery to Control of SARS-CoV-2**
Baysal Ö., Silme R. S.
in: Origin and Impact of COVID-19 Pandemic Originating From SARS-CoV-2 Infection Across the Globe, Francisco Veas, Editor, IntechOpen Limited, London, London, pp.1-15, 2021
- II. **Bacterial volatile organic compounds and gene-induced host-defense pathways**
Silme R. S., Baysal Ö.
in: Volatiles and Metabolites of Microbes, Ajay Kumar, Joginder Singh, Justin Samuel, Editor, AP, London, London, pp.23-33, 2021
- III. **A Missing Dilemma on Nanoparticle Producer Microorganisms**
Silme R. S., Baysal Ö.
in: Biogenic Nano-Particles and their Use in Agro-ecosystems, Mansour Ghorbanpour, Prachi Bhargava, Ajit Varma, Devendra K. Choudhary, Editor, Springer, London/Berlin, Singapore, pp.407-429, 2020
- IV. **The Beneficial Influence of Microbial Interactions on Plant Diseases and Plant Growth Promoting Effect**
BAYSAL Ö., SİLME R. S.
in: Mycorrhizosphere and Pedogenesis, Varma A., Choudhary DK., Editor, Springer Nature Singapore Pte Ltd., Singapore, pp.151-166, 2019
- V. **The Ecological Role of Biodiversity for Crop Protection**
BAYSAL Ö., SİLME R. S.
in: Plant Competition in Cropping Systems, Daniel Dunea, Editor, Intechopen Limited, Londra, pp.9-22, 2018
- VI. **Bacterial Volatile in Rhizosphere**
BAYSAL Ö., SİLME R. S.
in: Volatiles and Food Security Role of Volatiles in Agro-ecosystems, Choudhary D.K., Sharma A.K., Agarwal P., Varma A., Tuteja N., Editor, Springer Singapore, Singapore, pp.219-226, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **A NOVEL DRUG CANDIDATE FROM PHOMOPSIS ARCHERI TO INHIBIT HIV-1 REVERSE TRANSCRIPTASE RNASE H ACTIVITY USING DATA MINING PROCESS**
Silme R. S., Ghafoor N. A., Baysal Ö.
The 6th National and International Conference 2023: NIRC VI 2023, Buri Ram, Thailand, 15 February 2023, vol.1, no.1, pp.555
- II. **Yeni Serratia fonticola türünün fungusit direnci geliştiren Botrytis cinerea'ya karşı inhibisyon etkisinin ve metagenomiks verisinin araştırılması**

Bozkurt E. B., Silme R. S., Baysal Ö.

MUĞLA SITKI KOÇMAN ÜNİVERSİTESİ FEN BİLİMLERİ ARAŞTIRMA E-SEMPOZYUMU, Muğla, Turkey, 08 January 2021, vol.1, pp.60

- III. **Metagenomic data analysis and characterization for the inhibitory effect of a novel *Serratia fonticola* strain against fungicide-resistant *Botrytis cinerea***
Bozkurt E. B., Baysal Ö., Silme R. S., Marzec- Grzadziel A.
9. Uluslararası Moleküler Biyoloji ve Bitoteknoloji Kongresi, Kars, Turkey, 6 - 10 December 2020, vol.1, no.1, pp.107
- IV. **Patojen İzolatlarında Antibiyotik Direncinin Farklı Genomik Veritabanlarında Biyoinformatik Araçlar Kullanılarak Taranması ve Verilerin Klinik İzolatlarla Karşılaştırılması**
SİLME R. S., BAYSAL Ö., ARDA E. Ş. N.
VI. Türk Tıp Dünyası Kurultayı, İstanbul, Turkey, 29 - 31 October 2019, vol.1, no.1, pp.1111
- V. **Molecular fingerprinting and comparison of *Acidovorax citrulli* strains structure in Turkey and USA**
Baysal Ö., Baştaş K. K., Mercati F., Karakaş A., Silme R. S., Carimi F., Balestra G.
Fourth International Symposium on Biological Control of Bacterial Plant Diseases, Rome, Italy, 9 - 11 July 2019, vol.101, no.1, pp.866-867
- VI. **Molecular Characterization of *Acidovorax citrulli* strains from Turkey and United States**
BAYSAL Ö., MERCATI F., KARAKAŞ A., SİLME R. S., CARIMI F.
3rd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP "INDUSTRY 4.0 FOCUSED INNOVATION, TECHNOLOGY, ENTREPRENEURSHIP AND MANUFACTURE", İstanbul, Turkey, 21 - 23 June 2019, vol.1, no.1, pp.1111
- VII. **Bioconversion of lutein to form an aromatic compound by *Enterobacter hormaechei***
SİLME R. S., ÇETİNKAYA A., BAYSAL Ö.
3rd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP "INDUSTRY 4.0 FOCUSED INNOVATION, TECHNOLOGY, ENTREPRENEURSHIP AND MANUFACTURE", İstanbul, Turkey, 21 - 23 June 2019, vol.1, no.1, pp.1112
- VIII. **Biyometrik DNA Mükrebinin Geliştirilmesi**
SİLME R. S., BAYSAL Ö., HAMAMCIOĞLU A. C.
Farabi VI. Ar-Ge ve İnovasyon Proje Pazarı, Zonguldak, Turkey, 02 May 2019, vol.1, no.1, pp.2
- IX. **CANDIDA SPP. ÜZERİNDE THYMUS VULGARIS VE ORİGANUM VULGARE ETERİK YAĞLARININ ANTİFUNGAL AKTİVİTESİ**
SİLME R. S., BAYSAL Ö.
2. Uluslararası Geleneksel ve Tamamlayıcı Tıp Kongresi, İstanbul, Turkey, 24 - 27 April 2019, vol.1, no.1, pp.555
- X. **Antimicrobial Activity of a Fungal Microorganism**
ÇETİNKAYA A., SİLME R. S., BAYSAL Ö.
Uluslararası İVEK BİO Kongresi, İstanbul, Turkey, 26 - 28 November 2018, vol.1, no.1, pp.555
- XI. **Isolation and screening method for antibiotic-producing fungi.**
SİLME R. S., KAYRAN G., BAYSAL Ö.
Uluslararası İVEK BİO Kongresi, İstanbul, Turkey, 26 - 28 November 2018, vol.1, no.1, pp.556
- XII. **The Inhibitory Effect of Chitosan Solution on Bacterial Fruit Blotch of Watermelon Pathogen (*Acidovorax citrulli*)**
SİLME R. S., BAYSAL Ö., YÜKSEL Z.
MANİSA CELAL BAYAR ÜNİVERSİTESİ ÜSİTEM 2.ULUSLARARASI ÜNİVERSİTE-SANAYİ İŞBİRLİĞİ, AR-GE VE İNOVASYON KONGRESİ, Manisa, Turkey, 14 - 15 November 2018, vol.1, no.1, pp.105
- XIII. **Building Agricultural Open Innovation Ecosystems; Lessons From The Past and Future Perspectives**
SİLME R. S., BAYSAL Ö., YÜKSEL Z.
MANİSA CELAL BAYAR ÜNİVERSİTESİ ÜSİTEM 2.ULUSLARARASI ÜNİVERSİTE-SANAYİ İŞBİRLİĞİ, AR-GE VE İNOVASYON KONGRESİ, Manisa, Turkey, 14 - 15 November 2018, vol.1, no.1, pp.101
- XIV. **Organik Atıkların Yakıt Olarak Geri Dönüşümü**
SİLME R. S.
TUBİTAK 2238 Girişimcilik ve Yenilikçilik Yarışması, İzmir, Turkey, 8 - 11 October 2018, vol.1, no.1, pp.21

- XV. **E-Learning in The Teaching of Engineering Studies**
SİLME R. S., BAYSAL Ö.
1st International Symposium on Graduate Research in Science, İstanbul, Turkey, 4 - 06 October 2018, vol.1, no.1, pp.243
- XVI. **Antimicrobial activity of essential oils of *Thymus vulgaris* and *Origanum vulgare* on *Escherichia coli***
SİLME R. S., BAYSAL Ö., NADEEM S.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukraine, 7 - 10 September 2018, vol.1, no.1, pp.104-105
- XVII. **Using of Protein Database to Estimate The Role of Effector Proteins in Virulence of Bacteria**
SİLME R. S., BAYSAL Ö.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukraine, 7 - 10 September 2018, vol.1, no.1, pp.102-103
- XVIII. **Investigation On Possible Use Of *Citrobacter Spp* With Plant Growth Promoting Property in Agriculture**
ÇETİNKAYA A., SİLME R. S., BAYSAL Ö.
Uluslararası Avrasya Doğal Beslenme ve Sağlık Zirvesi (DOĞAL'2018), Ankara, Turkey, 12 - 15 July 2018, vol.1, no.1, pp.171
- XIX. **ORGANİK TARIMA YÖNELİK YENİ BİR BAKTERİ; *BACILLUS SUBTILIS* (EU07)**
BAYSAL Ö., TÖR M., ÇALIŞKAN M., SİLME R. S.
Süleyman Demirel Üniversitesi Ar-GE Proje Pazarı (2018), Isparta, Turkey, 14 May 2018, vol.1, no.1, pp.101
- XX. **NANOTEKNOLOJİK YÖNTEMLERLE YENİ ANTİBİYOTİK ÜRETİMİ**
SİLME R. S., NADEEM S., BAYSAL Ö.
Süleyman Demirel Üniversitesi Ar-GE Proje Pazarı (2018), Isparta, Turkey, 14 May 2018, vol.1, no.1, pp.100
- XXI. **Biyosensör ile Bakteri Tespiti**
Baysal Ö., Nadeem S., Silme R. S., Savran S.
Bartın Üniversitesi II. Ar-Ge Proje Pazarı, Bartın, Turkey, 10 - 11 May 2018, vol.1, no.1, pp.1111-33333
- XXII. **RFID Teknolojisi ile Bitki Hastalık ve Zararlılarının İzlenmesi**
Baysal Ö., Nadeem S., Silme R. S., Çolak M.
Bartın Üniversitesi II. Ar-Ge Proje Pazarı, Bartın, Turkey, 10 - 11 May 2018, vol.1, no.1, pp.1111-2222
- XXIII. **GPS ve RFID Teknolojisi ile Bitki Hastalık ve Zararlılarının İzlenmesi**
SİLME R. S., BAYSAL Ö., NADEEM S.
Farabi V. Ar-Ge ve İnovasyon Proje Pazarı, Zonguldak, Turkey, 02 May 2018, vol.1, no.1, pp.68
- XXIV. **The Antimicrobial Effect of Essential Oils from *Thymus vulgaris* and *Origanum vulgare* on *Klebsiella pneumoniae*; an Ecofriendly Approach**
SİLME R. S., BAYSAL Ö., NADEEM S.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, vol.1, no.1, pp.1081
- XXV. **Biosensor for Plant Pathogen DNA Detection with Gold Nanoparticles as Probes**
SİLME R. S., NADEEM S., BAYSAL Ö.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, vol.1, no.1, pp.1085
- XXVI. **The Bactericidal Effect of DNA-directed Silver Nanoparticles on Bacterial Speck Disease**
SİLME R. S., NADEEM S., BAYSAL Ö., CAGIRGAN M. I.
2nd National and International Research Conference 2018, Buriram Rajabhat, Thailand, 15 - 16 February 2018, vol.1, no.1, pp.595
- XXVII. **Tolerance to Phyllody in Determinate Sesame**
TOPUZ H., CAGIRGAN M. I., SİLME R. S.
2nd National and International Research Conference 2018, Buriram Rajabhat, Thailand, 15 - 16 February 2018, vol.1, no.1, pp.596
- XXVIII. **Molecular Markers Reflect Gene Distruptions Associated with Pathogen Virulence of *Fusarium moniliforme*, and Host Differentiation on Different Hosts**

SİLME R. S., BAYSAL Ö., KARAASLAN Ç., CAGIRGAN M. I.

2nd National and International Research Conference 2018, Buriram Rajabhat, Thailand, 15 - 16 February 2018, vol.1, no.1, pp.594

XXIX. ANTIBACTERIAL EFFECT OF DNA-DIRECTED SILVER NANOPARTICLES ON GRAPHENE OXIDE

NADEEM S., BAYSAL Ö., SİLME R. S.

MANİSA CELAL BAYAR ÜNİVERSİTESİ ÜSİTEM 1.ULUSLARARASI ÜNİVERSİTE-SANAYİ İŞBİRLİĞİ, AR-GE VE İNOVASYON KONGRESİ, Manisa, Turkey, 18 - 19 December 2017, vol.1, no.1, pp.106

XXX. ENTREPRENEURSHIP ACTIVITIES AT UNIVERSITIES

SİLME R. S., NADEEM S., BAYSAL Ö.

MANİSA CELAL BAYAR ÜNİVERSİTESİ ÜSİTEM 1.ULUSLARARASI ÜNİVERSİTE-SANAYİ İŞBİRLİĞİ, AR-GE VE İNOVASYON KONGRESİ, Manisa, Turkey, 18 - 19 December 2017, vol.1, no.1, pp.105

XXXI. Biyosensörle Bakteri Tespiti

SİLME R. S., NADEEM S., BAYSAL Ö.

TET Arge Proje Pazarı 6, İstanbul, Turkey, 6 - 07 September 2017, vol.1, no.1, pp.24

XXXII. Bitki Hastalık ve Zararlılarının RFID Teknolojisi ile İzlenmesi

SİLME R. S., BAYSAL Ö., NADEEM S.

TET Arge Proje Pazarı 6, İstanbul, Turkey, 6 - 07 September 2017, vol.1, no.1, pp.23

XXXIII. Use of Artificial Intelligence for Predicting The Evolution of Fungicide Resistance

SİLME R. S., BAYSAL Ö., BAŞTAŞ K. K.

The 4th International Conference on Sustainable Agriculture and Environment, Surakarta, Indonesia, 10 - 12 August 2017, vol.1, no.1, pp.221

XXXIV. Use of Artificial Intelligence for Prediction of Antibiotic Resistance By Data With Specific Gene Markers and Sequence

SİLME R. S., BAYSAL Ö., NADEEM S.

2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP "Reforms for Intellectual Economy and Innovative Entrepreneurship", İstanbul, Turkey, 12 - 14 May 2017, vol.1, no.1, pp.72

XXXV. Genetic Diversity and Pathotype Differentiation of Pathogens via Soft Computing Model Approach

SİLME R. S., BAYSAL Ö., GÜRÜLER H., PEKER M.

Plant Health: Challenges and Solutions Workshop, Antalya, Turkey, 23 - 28 April 2017, vol.1, no.1, pp.51

XXXVI. Bitki Patolojisinde Mikroorganizmalar Hakkında Bilgi Ediniminde Suni Zeka Kullanımı

BAYSAL Ö., GÜRÜLER H., SİLME R. S.

Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016, vol.1, no.1, pp.504

XXXVII. Mikrobiyal Patojenlerin Hızlı ve Detaylı Analizi için Bilgi Keşif Sistemi Oluşturma

BAYSAL Ö., SİLME R. S., NADEEM S.

TET Arge Proje Pazarı 5, İstanbul, Turkey, 06 April 2016, vol.1, no.1, pp.17

XXXVIII. Comparison of Statistical Methods Used in the Evaluation of Multiple Genotypes in Sesame

Erdal S., SİLME R. S., CAGIRGAN M. I.

The 7th International Science, Social Sciences, Engineering and Energy Conference (I-SEEC 2015 "University Engagement"), Phitsanulok, Thailand, 24 - 26 November 2015, vol.1, no.1, pp.58

XXXIX. SUSTAINABLE INTENSIFICATION OF CROPPING SYSTEMS BY CLIMATE SMART AND PARTICIPATORY BREEDING STRATEGIES

CAĞIRGAN M. İ., ÖZBAŞ M. O., SİLME R. S., TOPUZ H.

The International Conference On Science, Ecology And Technology I (Iconsete'2015 - Vienna), Vienna, Austria, 25 - 28 August 2015, vol.4, no.1, pp.9-10

XL. Patterns Of Yield Related-Trait Interrelationships In F1 And F2 In Barley

CAĞIRGAN M. İ., ÖZBAŞ M. O., SİLME R. S., TEKİN M.

The International Conference On Science, Ecology And Technology I (Iconsete'2015 - Vienna), Vienna, Austria, 25 - 28 August 2015, vol.4, no.1, pp.11-12

XLI. Enchancing Education of Farmers for Sustainable Agriculture through Participation.

Cagirgan M., Ozbas M., Balci H., Topuz H., SİLME R. S., Baskaya N., Adak A., Toprak S., Tekin M.

The 5th International Conference on Science, Technology and Innovation for Sustainable Well-Being (STISWB VI),

Siem Reap, Cambodia, 28 - 30 August 2014, vol.1, pp.75

- XLII. **Anız yakmanın toprağın mikrobiyal yapısına etkileri**
SİLME R. S., Harmancı H., Kirdi M., Gumrukcu E., Karatekin N., Ozkan C., Baysal O.
20. ulusal biyoloji kongresi, Denizli, Turkey, 21 - 25 June 2010, vol.1, pp.11
- XLIII. **Dünya Koleksiyonundan Seçilmiş Susam Genotiplerinin Antalya İkinci Ürün Koşullarında Verim Özelliklerinin Değerlendirilmesi**
SİLME R. S., Cagırgan M.
Türkiye VIII. Tarla Bitkileri Kongresi, Hatay, Turkey, 19 - 22 October 2009, vol.1, pp.11
- XLIV. **Seçilmiş Mutant Ve Dünya Susam Materyalinin Verim ve Verim Komponentleri Bakımından Değerlendirilmesi**
SİLME R. S., Cagırgan M.
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Muğla, Turkey, 6 - 09 October 2009, vol.1, pp.333-339
- XLV. **Male Sterility facilitated recurrent selection with special reference to Soybean and Sesame.**
Cagırgan M., Ozbas M., SİLME R. S., Inal S.
1. Austrian Soy Symposium., Viyana, Austria, 10 December 2008, vol.1, pp.33
- XLVI. **Mısırdaki çoklu genotip değerlendirilmesinde kullanılan bazı istatistikî yöntemlerin karşılaştırılması**
Erdal S., Cagırgan M., SİLME R. S.
7. Tarla Bitkileri Kongresi, Erzurum, Turkey, 25 - 27 June 2007, vol.1, pp.501-504
- XLVII. **İki Farklı Ekim Sıklığında Determinant ve İndeterminant Susam (Sesamum indicum L.) Genotiplerinin Verim Komponentleri Bakımından Değerlendirilmesi**
Cagırgan M., Ozbas M., SİLME R. S.
7. Tarla Bitkileri Kongresi, Erzurum, Turkey, 25 - 27 June 2007, vol.2, pp.479-482
- XLVIII. **Yerfıstığı (Arachis hypogaea L.) Mutantlarının Agronomik Özellikler Bakımından Değerlendirilmesi**
SİLME R. S., Ozbas M., İpkin B., Cagırgan M.
7. Tarla Bitkileri Kongresi, Erzurum, Turkey, 25 - 27 June 2007, vol.2, pp.851-854
- XLIX. **Organik Tarımda Bitki Gelişim Aktivatörü Mikroorganizmaların Kullanımı**
SİLME R. S., Ozbas M.
Türkiye 3. Organik Tarım Sempozyumu, Yalova, Turkey, 1 - 04 November 2006, vol.1, pp.11
- L. **Improving efficiency of plant mutation techniques for sustainable development by farmer participation**
Cagırgan M., Ozbas M., SİLME R. S.
Proceedings of 32nd Congress on Science and Technology of Thailand, Bangkok, Thailand, 10 October 2006, vol.1, pp.255
- LI. **Mutasyon Teknikleriyle Geliştirilmiş Çeşitlerin Ekonomik Katkısı**
SİLME R. S., Cagırgan M.
Türkiye VII. Tarım Ekonomisi Kongresi, Antalya, Turkey, 13 September - 15 June 2006, vol.2, pp.885-893
- LII. **TILLING Teknolojisi ve Bitki Genetiğinde Kullanımı**
SİLME R. S., Ozbas M., Cagırgan M.
18. Ulusal Biyoloji Kongresi, Aydın, Turkey, 26 - 30 June 2006, vol.1, pp.44
- LIII. **Thymra spicata L. var. spicata Essential Oil Assimilation by a selected bacterium and its affect to control of Soil-borne pathogens**
Silme R. S., YEGEN O.
1st International Symposium on the Labiatae, Advances in Production, Biotechnology and Utilisation, San Remo, Italy, 22 - 25 February 2006, pp.471-476
- LIV. **Susamda Fusarium Solgunluğuna Toleransın Gözlenmesinde Metodik Bir Çalışma.**
SİLME R. S., Cagırgan M.
Türkiye 6. Tarla Bitkileri Kongresi, Antalya, Turkey, 5 - 09 September 2005, vol.1, pp.421-424
- LV. **Der Wirkungsmechanismus von AkseBio-2 und BioZell2000-B als Pflanzenstärkungsmittel.**
SİLME R. S., Yegen O., Zeller W.
54. Deutsche Pflanzenschutztagung (54th German Plant Protection Conference), Hamburg, Germany, 20 - 23 September 2004, vol.1, pp.457

- LVI. **Bitki Aktivatörü, AkseBio-2 ve BioZell2000-B'nin Fungal Bitki Patojenleri Üzerindeki Etkilerinin Araştırılması**
Yegen O., SİLME R. S., Ikten C.
Türkiye I. Bitki Koruma Kongresi, Samsun, Turkey, 8 - 10 September 2004, vol.1, pp.152

Other Publications

- I. **Screening for a stable region in the T7 phage genome and repurposing Riboflavin as an anti-phage molecule**
Silme R. S.
Other, pp.1-16, 2024
- II. **Exploring the genome-wide expression level of the bacterial strain belonging to *Bacillus safensis* (MM19) against *Phomopsis viticola***
Silme R. S., Baysal Ö., Can A., Kürüm Y., Korkut A., Kırboğa K. K., Çetinkaya A.
Other, pp.1-29, 2024
- III. **Exploring the genome-wide expression level of the bacterial strain belonging to *Bacillus safensis* (MM19) against *Phomopsis viticola***
Silme R. S., Baysal Ö., Can A., Kürüm Y., Korkut A., Kırboğa K. K., Çetinkaya A.
Other, pp.1-29, 2024
- IV. **Harnessing *Serratia fonticola* (EBS19) as a Biocontrol Agent against *Botrytis cinerea***
Bozkurt E. B., Baysal Ö., Marzec-Grządziel A., Silme R. S., Can A., Belen İ. N., Çapar Ü., Korkut A.
Other, pp.1-45, 2023
- V. **Data mining using artificial intelligence and molecular dynamics analysis to detect HIV-1 reverse transcriptase RNase H activity inhibitor**
Abdul Ghafoor N., Kırboğa K. K., Baysal Ö., Süzek B. E., Silme R. S.
Other, pp.1-28, 2023
- VI. **Targeting Breast Cancer with N-Acetyl-D-Glucosamine: Integrating Machine Learning and Cellular Assays for Promising Results**
Baysal Ö., Genç D., Silme R. S., Kırboğa K. K., Çoban D., Abdul Ghafoor N., Tekin L., Bulut O.
Other, pp.1-26, 2023
- VII. **NCBI database için whole genome sequence submission 3 ayrı yeni izolat EU07, EBS19, GBS19. (Ortak Çalışma). NCBI US. 2021**
Silme R. S., Baysal Ö.
Other, pp.1, 2022
- VIII. **Phomoarcherin B as a novel HIV-1 Reverse Transcriptase RNase H activity inhibitor; Conclusions from comprehensive computational analysis**
Abdul Ghafoor N., Baysal Ö., Süzek B. E., Silme R. S.
Other, pp.1-39, 2021
- IX. **Phomoarcherin B as a novel HIV-1 Reverse Transcriptase RNase H activity inhibitor; Conclusions from comprehensive computational analysis**
Abdul Ghafoor ., Baysal Ö., Süzek B. E., Silme R. S.
Other, pp.1-39, 2021
- X. **Molecular dynamics analysis of N-acetyl-D-glucosamine against specific SARS-CoV-2's pathogenicity factors**
Baysal Ö., Ghafoor N. A., Silme R. S.
Other, pp.1-18, 2021
- XI. **Genetic Uniformity of a Specific Region in SARS-CoV-2 Genome and In-Silico Target-Oriented Repurposing of N-Acetyl-D-Glucosamine**
Baysal Ö., Silme R. S., Karaaslan İ. Ç.
Other, pp.1-19, 2020

XII. Fikri Mülkiyet Hakları Hızlı Kılavuz

SİLME R. S.

Other, pp.1, 2016

Supported Projects

SİLME R. S., AZİM M. K., ÇETİNKAYA A., ARDA E. Ş. N., BAYSAL Ö., NADEEM S., Project Supported by Higher Education Institutions, *Serratia spp'nın Tüm Genom Sekanslaması ve Bitki Gelişimini Teşvik Edici Kullanımının İncelenmesi*, 2019 - 2021

SİLME R. S., BAYSAL Ö., NADEEM S., ARAS PERK A., ÇAGIRGAN M. İ., Project Supported by Higher Education Institutions, *GENEL AMAÇLI ANTİBİYOTİK MADDE TASARIM VE SENTEZ PROJESİ*, 2018 - 2019

SİLME R. S., BAYSAL Ö., ÇAĞIRGAN M. İ., NADEEM S., ARAS PERK A., Project Supported by Higher Education Institutions, *Tarımsal Açık İnovasyon Ekosistemi Oluşturma Projesi*, 2018 - 2019

SİLME R. S., YILMAZ M., BAYSAL Ö., Project Supported by Higher Education Institutions, *TOHUMLA TAŞINAN HASTALIKLARIN MÜCADELESİNDE DOĞAL TOHUM FİLM KAPLAMA TEKNOLOJİSİ*, 2016 - 2019

SİLME R. S., PABUCCUOĞLU S., ESENOĞLU H. H., ARAS PERK A., NADEEM S., BAYSAL Ö., Project Supported by Higher Education Institutions, *Farklı Tipte Nohut Tohumlarına Gama Radyasyonu Uygulamasının Etkileri*, 2014 - 2017

SİLME R. S., Project Supported by Higher Education Institutions, *Comparison of Statistical Methods Used in the Evaluation of Multiple Genotypes in Sesame*, 2015 - 2016

YARMAN B. S. B., TERZİ E., GÖK M. K., PABUCCUOĞLU S. K., PABUCCUOĞLU S., SİLME R. S., ERGİNER Y., CEVHER E., Project Supported by Higher Education Institutions, *İstanbul Üniversitesi Bilimsel Araştırmalarının Patentlenmesi*, 2013 - 2016

Patent

Silme R. S., Baysal Ö., Nadeem S., *SINAVDA HİLE YAPMAYI ÖNLEYEN MASA*, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2017 23304 B , Standard Registration, 2021

Silme R. S., Yılmaz M., Baysal Ö., *TOHUMLA TASINAN HASTALIKLARIN MÜCADELESİNDE DOĞAL TOHUM FİLM KAPLAMA TEKNOLOJİSİ*, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2016 14880 A2 , Standard Registration, 2020

Scientific Refereeing

TURKISH JOURNAL OF FIELD CROPS, Journal Indexed in SCI-E, March 2020

TURKISH JOURNAL OF FIELD CROPS, Journal Indexed in SCI-E, March 2018

Tasks In Event Organizations

Silme R. S., TUYUN A. F., The 10th International Mediterranean Symposium on Medicinal and Aromatic Plants, Scientific Congress, İstanbul, Turkey, Nisan 2024

Metrics

Publication: 89

Citation (WoS): 33

Citation (Scopus): 52

H-Index (WoS): 3

H-Index (Scopus): 4

Congress and Symposium Activities

The 6th National and International Research Conference 2023 (NIRC 2023), Attendee, Buri Ram, Thailand, 2023
Sağlıkta Yapay Zeka Mini Sempozyum Serisi-3, Audience, İzmir, Turkey, 2021
VI. Türk Tıp Dünyası Kurultayı, Attendee, İstanbul, Turkey, 2019
E+ Staff Training Programme, Warsaw University of Life Sciences., Attendee, Warszawa, Poland, 2019
3rd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP "INDUSTRY 4.0 FOCUSED INNOVATION, TECHNOLOGY, ENTREPRENEURSHIP AND MANUFACTURE, Attendee, İstanbul, Turkey, 2019
Farabi VI. Ar-Ge ve İnovasyon Proje Pazarı, Attendee, Zonguldak, Turkey, 2019
2. Uluslararası Geleneksel ve Tamamlayıcı Tıp Kongresi, Attendee, İstanbul, Turkey, 2019
MANİSA CELAL BAYAR ÜNİVERSİTESİ ÜSİTEM 2.ULUSLARARASI ÜNİVERSİTE-SANAYİ İŞBİRLİĞİ, AR-GE VE İNOVASYON KONGRESİ, Attendee, Manisa, Turkey, 2018
Uluslararası İVEK BİO Kongresi, Attendee, İstanbul, Turkey, 2018
1st International Symposium on Graduate Research in Science, Attendee, İstanbul, Turkey, 2018
TUBİTAK 2238 Girişimcilik ve Yenilikçilik Yarışması, Attendee, İzmir, Turkey, 2018
E+ Staff Training Programme, University College Dublin, Attendee, Dublin, Ireland, 2018
2nd International Conference on Innovations in Natural Science and Engineering, Attendee, Kyiv, Ukraine, 2018
Uluslararası Geleceğin E Hali Eczacılık Kongresi, Attendee, İstanbul, Turkey, 2018
Uluslararası Avrasya Doğal Beslenme ve Sağlık Zirvesi (DOĞAL'2018), Attendee, Ankara, Turkey, 2018
Farabi V. Ar-Ge ve İnovasyon Proje Pazarı, Attendee, Zonguldak, Turkey, 2018
Süleyman Demirel Üniversitesi Ar-GE Proje Pazarı (2018), Attendee, Isparta, Turkey, 2018
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Attendee, Ankara, Turkey, 2018
Manisa Celal Bayar University 1.International University-Industry Cooperation, R & D and Innovation Congress (ARGEINV2017), Attendee, Manisa, Turkey, 2017
1.Grip Sempozyumu, Attendee, İstanbul, Turkey, 2017
TET Arge proje Pazarı 6, Attendee, İstanbul, Turkey, 2017
2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP "Reforms for Intellectual Economy and Innovative Entrepreneurship", Attendee, İstanbul, Turkey, 2017
Plant Health: Challenges and Solutions Workshop, Attendee, Antalya, Turkey, 2017
TET Arge proje Pazarı 5, Attendee, Turkey, 2016
The 7th International Science, Social Sciences, Engineering and Energy Conference (I-SEEC 2015 "University Engagement"), Attendee, Phitsanulok, Thailand, 2015
20. ulusal biyoloji kongresi, Attendee, Denizli, Turkey, 2010
Türkiye VIII. Tarla Bitkileri Kongresi, Attendee, Hatay, Turkey, 2009
X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Attendee, Muğla, Turkey, 2009
1. Austrian Soy Symposium, Attendee, Viyana, Austria, 2008
7. Tarla Bitkileri Kongresi, Attendee, Erzurum, Turkey, 2007
Türkiye 3. Organik Tarım Sempozyumu, Attendee, Yalova, Turkey, 2006
Proceedings of 32nd Congress on Science and Technology of Thailand, Attendee, Tayland, Turkey, 2006
Türkiye VII.Tarım Ekonomisi Kongresi, Attendee, Antalya, Turkey, 2006
18.Ulusal Biyoloji Kongresi, Attendee, Kuşadası / Aydın, Turkey, 2006
Proceedings of International ISHS Symposium, The Labiatae: Advances in Production, Biotechnology and Utilisation, Attendee, Sanremo/ italya, Italy, 2006
Türkiye 6. Tarla Bitkileri Kongresi, Attendee, Antalya, Turkey, 2005
54th German Plant Protection Conference, Attendee, Hamburg Universität/ Hamburg, Germany, 2004
Türkiye I. Bitki Koruma Kongresi, Attendee, Samsun, Turkey, 2004
IAESTE, Attendee, Cologne, Germany, 2000