

## Σύντομο Βιογραφικό Σημείωμα

### Γκουγκουλιάς Νικόλαος

Ο Νικόλαος Γκουγκουλιάς είναι Καθηγητής στο Τμήμα Γεωπονίας-Αγροτεχνολογίας του Πανεπιστημίου Θεσσαλίας, με γνωστικό αντικείμενο «Γονιμότητα Εδαφών και Χημική Σύσταση Φυτικών Ιστών». Έχει διδάξει από το 2001 μέχρι το 2022 στο Τμήμα Τεχνολόγων Γεωπόνων και Φυτικής Παραγωγής του πρώην ΤΕΙ Θεσσαλίας (Λάρισα), τα παρακάτω μαθήματα: Εδαφολογία, Εφαρμοσμένη Εδαφολογία, Αξιοποίηση Εδαφών, Θρέψη και Λίπανση Καλλιεργειών, Γεωργική Χημεία και Μεταποίηση Αγροτικών Προϊόντων. Διδάσκει από το 2019 στο Τμήμα Γεωπονίας-Αγροτεχνολογίας του Πανεπιστημίου Θεσσαλίας, τα παρακάτω μαθήματα: Γενική Χημεία-Βιοχημεία, Εδαφικοί Πόροι και Διαχείριση τους και Εφαρμοσμένη Εδαφολογία. Επίσης, έχει διδάξει σε δυο προγράμματα μεταπτυχιακών σπουδών στο Τμήμα Τεχνολόγων Γεωπόνων του πρώην ΤΕΙ Θεσσαλίας από τον Μάρτιο 2017 μέχρι τον Φεβρουάριο του 2021 τα παρακάτω μαθήματα: Μικροβιολογία Εδάφους και Εδαφοβελτιωτικών Προϊόντων, Ποιότητα και Χρήση Αρδευτικού νερού, Χημεία Οργανικών Ενώσεων στα Αρωματικά και Φαρμακευτικά Φυτά, Ποιοτικός Έλεγχος Δρογών και Αιθέριων Ελαίων, καθώς επίσης και Καλλυντικά - Παραφαρμακευτικά Σκευάσματα. Επίσης, διδάσκει στο πρόγραμμα μεταπτυχιακών σπουδών «Τεχνολογίες Διαχείρισης Αρωματικών και Φαρμακευτικών Φυτών: Καλλιέργεια, Μεταποίηση και Παραγωγή Προϊόντων Υψηλής Προστιθέμενης Αξίας» του Τμήματος Γεωπονίας-Αγροτεχνολογίας του Πανεπιστημίου Θεσσαλίας από τον Φεβρουάριο του 2021 μέχρι σήμερα, τα παρακάτω μαθήματα: Χημικές Βιοδραστικές Ενώσεις στα Αρωματικά και Φαρμακευτικά Φυτά και Χρήσεις των Αρωματικών και Φαρμακευτικών Φυτών στην Παραγωγή Φυτικών Καλλυντικών. Είναι επιβλέπων καθηγητής σε **61** προπτυχιακές και **14** μεταπτυχιακές διατριβές που έχουν ολοκληρωθεί. Είναι συγγραφέας σε **6** πανεπιστημιακά συγγράμματα με ISBN και κριτής σε **6** επιστημονικά περιοδικά (Scopus). Έχει συμμετάσχει σε **20** οργανωμένα ερευνητικά προγράμματα με αμοιβή, σχετικά με την λίπανση των καλλιεργειών, την εφαρμογή στερεών και υγρών αποβλήτων στο έδαφος, τις χημικές και βιοχημικές ιδιότητες του εδάφους, την κομποστοποίηση υγρών και στερεών αποβλήτων, την χημική σύσταση των φυτικών ιστών, την μεταποίηση των αγροτικών προϊόντων, κ.α. Γενικότερα, έχει ιδιαίτερος εκτεταμένη ερευνητική εμπειρία με **70** δημοσιεύσεις σε διεθνώς αναγνωρισμένα επιστημονικά περιοδικά με κριτές (Scopus), **62** δημοσιεύσεις σε διεθνώς αναγνωρισμένα επιστημονικά περιοδικά με κριτές εκτός (Scopus), όπως σε Web of Science Indexes-Zoological Record, ICI Copernicus, Portico, **15** δημοσιεύσεις σε πρακτικά διεθνών συνεδρίων (πλήρες κείμενο), **8** δημοσιεύσεις σε πρακτικά διεθνών συνεδρίων (abstract book), **16** εργασίες σε πρακτικά εθνικών συνεδρίων (πλήρες κείμενο), **1** εργασία σε πρακτικά εθνικού συνεδρίου (abstract book), **6** εργασίες σε Ελληνικά επιστημονικά περιοδικά και μεγάλη αναγνώριση από την επιστημονική κοινότητα με **597** ετεροαναφορές (Scopus και Scholar), δεν συμπεριλαμβάνονται οι αναφορές από συν-συγγραφείς. Citations στη βάση δεδομένων του Scopus = **353**, με h-index = **10** και συνολικό I.F. το 2021 = **118.615**.

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## ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

Απρίλιος, 2023

**Όνομα:** Γκουγκουλιάς Νικόλαος

**Βαθμίδα:** Καθηγητής πρώτης βαθμίδας σε τακτική θέση.

**Τμήμα:** Γεωπονίας-Αγροτεχνολογίας Πανεπιστημίου Θεσσαλίας.

**Γνωστικό αντικείμενο:** Γονιμότητα εδαφών και χημική σύσταση φυτικών ιστών.

**Τηλέφωνο:** Εσωτερικό: 24106842320, κινητό: 6972728455

**Α.Δ.Τ.** Π 943892 . ΕΚΔΟΣΗΣ ΔΕΛΤΙΟΥ 9-7-92 ΥΠΟΔ/ΝΣΗ ΑΣΦ. ΛΑΡΙΣΑΣ

**Διεύθυνση:** Σπηλιάς 5 Λάρισα Τ.Κ. 41222

**e-mail:** ngougoulias@uth.gr

### ΤΙΤΛΟΙ ΣΠΟΥΔΩΝ

1. Πτυχίο Χημείας με χρόνο κτήσης 09-04-1987 από το Α.Π.Θ.

2. Διδακτορικό Δίπλωμα με χρόνο κτήσης 30-12-2005 από την Γεωπονική Σχολή Plovdiv (Bulgaria). Στην Επιστημονική ειδικότητα «Αμπελουργία» και θέμα «Συγκριτική μελέτη των φαινολών σαν αντιοξειδωτικά στο σταφύλι και το κρασί από διαφορετικές περιοχές της Ελλάδας και της Βουλγαρίας».

3. ΔΟΑΤΑΠ, αριθμός πράξης: 4-1064.

#### Διατριβή

Στην Επιστημονική ειδικότητα «Αμπελουργία» με τίτλο «Συγκριτική μελέτη των φαινολών σαν αντιοξειδωτικά στο σταφύλι και το κρασί από διαφορετικές περιοχές της Ελλάδας και της Βουλγαρίας».

### ► ΔΙΔΑΚΤΙΚΗ ΠΡΟΥΠΗΡΕΣΙΑ ΣΕ ΠΡΟΠΤΥΧΙΑΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΣΠΟΥΔΩΝ

Έχει διδάξει επί 22 συναπτά έτη στο Τμήμα Φυτικής Παραγωγής και στο Τμήμα Τεχνολόγων Γεωπόνων του πρώην ΤΕΙ Θεσσαλίας τα παρακάτω μαθήματα:

Εδαφολογία, Εφαρμοσμένη Εδαφολογία, Αξιοποίηση Εδαφών, Θρέψη και Λίπανση Καλλιεργειών, Γεωργική Χημεία και Μεταποίηση Αγροτικών Προϊόντων.

Επίσης, διδάσκει από το 2019 μέχρι σήμερα στο Τμήμα Γεωπονίας-Αγροτεχνολογίας του Πανεπιστημίου Θεσσαλίας τα παρακάτω μαθήματα:

Γενική Χημεία-Βιοχημεία, Εδαφικοί Πόροι και Διαχείριση τους, Εφαρμοσμένη Εδαφολογία.

### ► ΔΙΔΑΚΤΙΚΗ ΠΡΟΥΠΗΡΕΣΙΑ ΣΕ ΜΕΤΑΠΤΥΧΙΑΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΣΠΟΥΔΩΝ

**Α.** Πρόγραμμα μεταπτυχιακών σπουδών με τίτλο: «Σύγχρονες Τεχνολογίες στον Πρωτογενή Τομέα και τη Διαχείριση του Περιβάλλοντος», του Τμήματος Τεχνολόγων Γεωπόνων του πρώην ΤΕΙ Θεσσαλίας.

Διδασκαλία των παρακάτω μαθημάτων:

**Ακαδημαϊκό Έτος: 2016-2017**

#### **Β' Εξάμηνο Εαρινό**

Κατεύθυνση Α': Αειφορία και Καινοτομία στην Γεωργική Παραγωγή με Έμφαση στο Περιβάλλον και τον Ανθρώπο.

Μάθημα

1. Μικροβιολογία Εδάφους και Εδαφοβελτιωτικών Προϊόντων, δίδαξε 21 ώρες.

Κατεύθυνση Γ': Τεχνολογία Πρασίνου Αθλητικών Χώρων.

2. Ποιότητα και Χρήση Αρδευτικού Νερού, δίδαξε 6 ώρες.

**B.** Πρόγραμμα μεταπτυχιακών σπουδών με τίτλο «Ολοκληρωμένη Διαχείριση Αρωματικών και Φαρμακευτικών Φυτών», του Τμήματος Τεχνολόγων Γεωπόνων του πρώην ΤΕΙ Θεσσαλίας.

Διδασκαλία των παρακάτω μαθημάτων:

**A' Κύκλος**

**Ακαδημαϊκό Έτος: 2017-2018**

**A' Εξάμηνο-Χειμερινό**

Μάθημα: Χημεία Οργανικών Ενώσεων στα Αρωματικά και Φαρμακευτικά Φυτά, δίδαξε 26 ώρες.

**B' Εξάμηνο-Εαρινό**

Μάθημα: Ποιοτικός Έλεγχος Δρογών και Αιθέριων Ελαίων, δίδαξε 6 ώρες, .

**B' Κύκλος**

**Ακαδημαϊκό Έτος: 2018-2019**

**B' Εξάμηνο-Εαρινό**

Μάθημα

1. Χημεία Οργανικών Ενώσεων στα Αρωματικά και Φαρμακευτικά Φυτά, δίδαξε 26 ώρες.

2. Μάθημα Ποιοτικός Έλεγχος Δρογών και Αιθέριων Ελαίων, δίδαξε 6 ώρες.

**Ακαδημαϊκό Έτος: 2019-2020**

**Γ' Εξάμηνο-Χειμερινό**

Μάθημα: Καλλυντικά - Παραφαρμακευτικά Σκευάσματα, δίδαξε 26 ώρες.

**Γ' Κύκλος**

**Ακαδημαϊκό Έτος: 2019-2020**

**B' Εξάμηνο-Εαρινό**

1. Χημεία Οργανικών Ενώσεων στα Αρωματικά και Φαρμακευτικά Φυτά, δίδαξε 26 ώρες.

2. Ποιοτικός Έλεγχος Δρογών και Αιθέριων Ελαίων, δίδαξε 2 ώρες.

**Ακαδημαϊκό Έτος: 2020-2021**

**Γ' Εξάμηνο-Χειμερινό**

Μάθημα: Καλλυντικά - Παραφαρμακευτικά Σκευάσματα, δίδαξε 26 ώρες.

**Γ.** Πρόγραμμα μεταπτυχιακών σπουδών με τίτλο «ΤΕΧΝΟΛΟΓΙΕΣ ΔΙΑΧΕΙΡΙΣΗΣ ΑΡΩΜΑΤΙΚΩΝ ΚΑΙ ΦΑΡΜΑΚΕΥΤΙΚΩΝ ΦΥΤΩΝ: Καλλιέργεια, Μεταποίηση και Παραγωγή Προϊόντων Υψηλής Προστιθέμενης Αξίας» του Τμήματος Γεωπονίας-Αγροτεχνολογίας του πανεπιστημίου Θεσσαλίας.

**A' Κύκλος**

**Ακαδημαϊκό Έτος: 2020-2021**

**A' Εξάμηνο-Εαρινό Εξάμηνο**

Διδασκαλία των παρακάτω μαθημάτων:

Μάθημα: Χημικές Βιοδραστικές Ενώσεις στα Αρωματικά και Φαρμακευτικά Φυτά, δίδαξε 26 ώρες.

**Ακαδημαϊκό Έτος: 2021-2022**

**B' Εξάμηνο-Χειμερινό**

Μάθημα: Χρήσεις των Αρωματικών και Φαρμακευτικών Φυτών για Παραγωγή Φυσικών Καλλυντικών, δίδαξε 26 ώρες.

**B' Κύκλος**

**Ακαδημαϊκό Έτος: 2022-2023**

**A' Εξάμηνο-Χειμερινό Εξάμηνο**

Διδασκαλία των παρακάτω μαθημάτων:

Μάθημα: Χημικές Βιοδραστικές Ενώσεις στα Αρωματικά και φαρμακευτικά Φυτά, δίδαξε 26 ώρες.

**Ακαδημαϊκό Έτος: 2022-2023**

**Β' Εξάμηνο-Εαρινό**

Μάθημα: Χρήσεις των Αρωματικών και φαρμακευτικών Φυτών για Παραγωγή Φυσικών Καλλυντικών, δίδαξε 26 ώρες.

► **ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ ΜΕ ΑΜΟΙΒΗ**

1. Βιολογική αντιμετώπιση αδρομυκώσεων και νηματωδών, με βιολογικούς ανταγωνιστές, αιθέρια έλαια, οργανικά πρόσθετα και αμειψισπορά του έργου «ΑΡΧΙΜΗΔΗΣ 1». Ενίσχυση ερευνητικών ομάδων στο ΤΕΙ/Α, που χρηματοδοτείται από το Γ ΚΠΣ. Συμμετοχή στο πρόγραμμα από 13-05-2004 έως 31-12-2007 για παραλαβή δειγματοληψιών και διεξαγωγή εργαστηριακών και χημικών προσδιορισμών. (ΕΛΚΕ ΤΕΙΘ).
2. Αντιμετώπιση ζιζανίων με τη χρήση αρωματικών φυτών και αιθέριων ελαίων στα πλαίσια της ολοκληρωμένης διαχείρισης γεωργικής παραγωγής και της βιολογικής γεωργίας του έργου «ΑΡΧΙΜΗΔΗΣ 2». που χρηματοδοτείται από το Γ ΚΠΣ. Συμμετοχή στο πρόγραμμα από 01-01-2005 έως 31-12-2006 για την διεξαγωγή εδαφολογικών αναλύσεων και επίδρασης αρωματικών φυτών στους μικροοργανισμούς του εδάφους. (ΕΛΚΕ ΤΕΙΘ).
3. Αποτίμηση εισροών - εκροών Βαρέων Μετάλλων στις κτηνοτροφικές μονάδες και διακύμανση τους στα Ζωοκομικά προϊόντα, που προορίζονται για ανθρώπινη κατανάλωση του έργου «ΠΕΡΙΒΑΛΛΟΝ – ΑΡΧΙΜΗΔΗΣ 2», που χρηματοδοτείται από το Γ ΚΠΣ. Συμμετοχή στο πρόγραμμα από 22-12-2006 έως 31-12-2007 ως συντονιστής για τις χημικές αναλύσεις των δειγμάτων, στην ατομική απορρόφηση (AAS). (ΕΛΚΕ ΤΕΙΘ).
4. Με την υπ. αριθ. 86/22-2-2011 απόφαση της Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Λάρισας, έργο με τίτλο «Α.ΤΡΩ.ΤΟ.Αν ΤΡΩγαμε ΤΟπικά». Συμμετοχή στο πρόγραμμα από 01/04/2011 - 30/11/2011 για την διεξαγωγή χημικών αναλύσεων τοπικών και φυσικών προϊόντων. Αξιολόγηση της σύστασης. (ΕΛΚΕ ΤΕΙΘ).
5. Με την υπ. Αριθ.: 64 /17/02/2010 απόφαση της Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Λάρισας, έργο με τίτλο «Μελέτη παραγωγής κεριών αρωματικών και για αρωματοθεραπεία με χρήση αιθέριων ελαίων και εκχυλισμάτων με κωδ. 0070 για την εκπόνηση μελέτης, πειραματική ανάπτυξη, τεχνική έκθεση». Συμμετοχή στο πρόγραμμα από 15/4/2011 μέχρι 15/8/2011. (ΕΛΚΕ ΤΕΙΘ).
6. Με την υπ. Αριθ.: 64 /17/02/2010 απόφαση της Επιτροπής Εκπαίδευσης και Ερευνών, του Τ.Ε.Ι. Λάρισας, έργο με τίτλο «Βελτίωση παραγωγικής διαδικασίας και παραγωγή μυζήθρας με βελτιωμένα οργανοληπτικά» και κωδ. 0069 για την εκπόνηση μελέτης, ανάπτυξη νέου προϊόντος, χημικές αναλύσεις και τεχνική έκθεση. Συμμετοχή στο πρόγραμμα από 15/4/2011 μέχρι 15/8/2011. (ΕΛΚΕ ΤΕΙΘ).
7. Κέντρο τεχνολογικής έρευνας Θεσσαλίας, επιστημονική υποστήριξη του προγράμματος «FREE-MED για τη διαχείριση των υδάτινων πόρων και τη βιώσιμη ανάπτυξη» της Εταιρίας ICAP. Συμμετοχή στο πρόγραμμα από 01/06/2011 - 31/03/2012 για την μελέτη της χημικής σύστασης των ποτάμιων υδάτων στη Θεσσαλία. (ΚΤΕΘ).

8. Πανεπιστήμιο Θεσσαλίας / ειδικός λογαριασμός Κονδυλίων Έρευνας που εδρεύει στο Βόλο έργο με κωδικό 4494 και τίτλο «ΘΑΛΗΣ-ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ- Φιλική προς το περιβάλλον παραγωγή βιομάζας » επιστημονικός υπεύθυνος Γέμτος Θεοφάνης. Συμμετοχή στο πρόγραμμα από 1/6/2012 μέχρι 30/6/2014 για ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ ΕΛΑΦΙΚΩΝ ΧΑΡΑΚΤΗΡΙΣΤΙΚΩΝ ΠΕΙΡΑΜΑΤΩΝ. (Επιτροπή Ερευνών-Π.Θ.).
9. Πανεπιστήμιο Θεσσαλίας / ειδικός λογαριασμός Κονδυλίων Έρευνας που εδρεύει στο Βόλο έργο με κωδικό 4494 και τίτλο «ΘΑΛΗΣ-ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΙΑΣ- Φιλική προς το περιβάλλον παραγωγή βιομάζας » επιστημονικός υπεύθυνος Γέμτος Θεοφάνης. Συμμετοχή στο πρόγραμμα από 1/10/2015 μέχρι 30/11/2015 για ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ ΕΛΑΦΙΚΩΝ ΧΑΡΑΚΤΗΡΙΣΤΙΚΩΝ ΠΕΙΡΑΜΑΤΩΝ. Επιτροπή Ερευνών-Π.Θ.
10. Με την υπ. Αρ. 152/04-09-2013 απόφαση της Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με κωδικό 4851 και τίτλο «Παραγωγή Βιοκαυσίμων από Άλγεις (Algal Biofuel Production)» Συμμετοχή στο πρόγραμμα από 05/09/2013 μέχρι 30/06/2015 και παραδοτέα:
  1. Λειτουργία του αντιδραστήρα πιλοτικής κλίμακας.
  2. Παραχθείσα βιομάζα άλγεων.
  3. Μετατροπή του ελαίου των Άλγεων σε βιοκαύσιμο και έλεγχος της ποιότητας του βιοκαυσίμου.
  4. Παραχθέν βιοκαύσιμο.
  5. Διερεύνηση και μελέτη τεχνικής σκοπιμότητας για τη χρήση της βιομάζας των άλγεων ως λίπασμα.
  6. Διερεύνηση και μελέτη τεχνικής σκοπιμότητας για τη χρήση της βιομάζας των άλγεων ως συμπλήρωμα ζωοτροφών.
  7. Μελέτη Τεχνικής Σκοπιμότητας για την παραγωγή όλων των προϊόντων σε μεγάλη κλίμακα. (ΕΛΚΕ ΤΕΙΘ).
11. Με την υπ. αριθμ. 183/28-05-2015/Θ13Θ απόφαση του Συλλογικού Οργάνου της Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με κωδικό 3924 και τίτλο «ΠΕΓΑ - Προσαρμογή της Γεωργικής Παραγωγής στην κλιματική αλλαγή και ειδικότερα στην περιορισμένη χρήση υδάτινων πόρων». Συμμετοχή στο πρόγραμμα από 01/08/2015 μέχρι 31/10/2015 για α) Ανάπτυξη του εκπαιδευτικού υλικού του μαθήματος Διαχείριση αποβλήτων – Επαναχρησιμοποίηση και β) Διδασκαλία συνολικά 10 ώρες: 5 ώρες για το μάθημα Διαχείριση Φυσικών πόρων – Συστήματα Λίπανσης, 5 ώρες για το μάθημα Διαχείριση αποβλήτων-Επαναχρησιμοποίηση. (ΕΛΚΕ ΤΕΙΘ).
12. Με την υπ. αριθμ. 199/19-01-2016/Θ10Α απόφαση του Συλλογικού Οργάνου της Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με κωδικό 3963 και τίτλο «Πρόγραμμα Δια Βίου εκπαίδευσης με τίτλο: Ολοκληρωμένη διαχείριση Φαρμακευτικών και Αρωματικών Φυτών» από 24-02-2016 μέχρι 31-12-2016 για Διδασκαλία του μαθήματος Οργανική Χημεία 4 ώρες. (ΕΛΚΕ ΤΕΙΘ).
13. Κέντρο τεχνολογικής έρευνας Θεσσαλίας, ως ειδικός επιστήμων στο πλαίσιο του έργου «Έλεγχος ποιότητας αερίων, υγρών και στερεών εκροών της μονάδας βιοαέριο ΑΦΟΙ ΣΕΙΤΗ Α.Ε. και μελέτη χρήσης των υγρών και στερεών εκροών για τη λίπανση των αγρών» από 9/03/2016 έως 8/03/2017 και με παραδοτέα αποτελέσματα των μετρήσεων ολικού Αζώτου, Φωσφόρου, βαρέων μετάλλων στα υγρά και στερεά Απόβλητα και αξιολόγηση της καταλληλότητας τους για την λίπανση των αγρών. (ΚΤΕ-Θ).
14. Κέντρο τεχνολογικής έρευνας Θεσσαλίας, στο πλαίσιο του έργου « Μελέτη αξιοποίησης απειλωμένης ύλης διυλιστηρίου και προϊόντος βιοεξυγίανσης

αυτής στη βιομηχανία δομικών κεραμικών» της Εταιρείας ΕΛΛΗΝΙΚΑ ΠΕΤΡΕΛΑΙΑ από 16/12/2016 έως 16/3/2017 και με παραδοτέα:

- Χημική ανάλυση και χαρακτηρισμό των δειγμάτων απειλωμένης ύλης και προϊόντος βιοεξυγίανσης αυτής πριν την Παρασκευή των δοκιμίων.
  - Χημική ανάλυση των πηλωδών χωμάτων-πρώτων υλών για την παραγωγή κεραμικών δοκιμίων.
  - Δοκιμές Βουγιούκου για τις πρώτες ύλες πηλωδών χωμάτων και μίγματα αυτών με προϊόν βιοεξυγίανσης.
  - Μέτρηση σύστασης στραγγισμάτων από τα παραχθέντα δοκίμια. (ΚΤΕ-Θ).
15. Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με κωδικό 3971 και τίτλο «Παροχή υπηρεσιών μετρήσεων αιθέριων ελαίων καφέ». Συμμετοχή στο πρόγραμμα από 30/12/2016 έως 31/12/2017 για μέτρηση αντιοξειδωτικών ιδιοτήτων και φαινολών με τη μέθοδο FRAP σε δυο διαφορετικές ποικιλίες καφέ (Robusta και Arabica) και για αναλύσεις σημαντικότητας του καφέ ως εδαφοβελτιωτικού στην κομποστοποίηση. (ΕΛΚΕ ΤΕΙ-Θ).
16. Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με τίτλο «Χημική ανάλυση χορτοδοτικών φυτών». Συμμετοχή στο πρόγραμμα από 01/02/2017 έως 30/09/2017 για αναλύσεις δειγμάτων χορτοδοτικών φυτών. (ΕΛΚΕ ΤΕΙΘ).
17. Κέντρο τεχνολογικής έρευνας Θεσσαλίας, στο πλαίσιο του έργου «Έλεγχος ποιότητας αερίων, υγρών και στερεών εκροών της μονάδας βιοαέριο ΑΦΟΙ ΣΕΙΤΗ Α.Ε.» από 22/06/2017 έως 21/06/2019 και με παραδοτέα.
- Μετρήσεις περιεκτικότητας του υγρού και στερεού οργανικού λιπάσματος σε άζωτο, φώσφορο και κάλιο.
  - Μετρήσεις του στερεού οργανικού λιπάσματος σε οργανική ύλη και βαρέα μέταλλα.
  - Μετρήσεις του υγρού κλάσματος σε βαρέα μέταλλα. (ΚΤΕΘ).
18. Επιτροπής Εκπαίδευσης και Ερευνών του Τ.Ε.Ι. Θεσσαλίας, έργο με τίτλο «Τριπτόλεμος (Αμπελουργία και οινολογία. Από το σταφύλι στο κρασί)» και κωδικό 5260. Συμμετοχή στο πρόγραμμα από 01/03/2018 έως 31/05/2018. (ΕΛΚΕ ΤΕΙΘ).
19. Ειδικός Λογαριασμός Κονδυλίων Έρευνας του Πανεπιστήμιο Θεσσαλίας, έργο με τίτλο «Έλεγχος ποιότητας αερίων, υγρών και στερεών εκροών της μονάδας βιοαέριο ΑΦΟΙ ΣΕΙΤΗ Α.Ε. και μελέτη χρήσης των υγρών και στερεών εκροών για την λίπανση αγρών» και κωδικό 6085. Συμμετοχή από 03/07/2019 έως 16/05/2022. (ΕΛΚΕ-ΠΘ).
20. Ειδικός Λογαριασμός Κονδυλίων Έρευνας του Πανεπιστήμιο Θεσσαλίας, έργο με τίτλο «Αξιοποίηση υγρών αποβλήτων για καλλιέργεια μικροφυκών και χρησιμοποίηση αυτών προς παραγωγή βιοντήζελ και συμπληρωμάτων ιχθυοτροφών-Γενικό Τμήμα Λάρισας» και κωδικό 5944. Συμμετοχή από 19/06/2019 έως 8/04/2022. (ΕΛΚΕ-ΠΘ).

## ► ΠΑΝΕΠΙΣΤΗΜΙΑΚΑ ΣΥΓΓΡΑΜΜΑΤΑ

### 1. Λίπανση των Καλλιεργειών και Μέθοδοι Προσδιορισμού

Νικόλαος Χουλιάρης

Εκδόσεις ίων, Αθήνα, 2008, σελ. 286, ISBN:978-960-411-697-3.

Επιμέλεια της περιγραφής των μεθόδων χημικής ανάλυσης.

### 2. Μεταποίηση Αγροτικών Προϊόντων

- Νικόλαος Γκουγκουλιός-Αλέξανδρος Παπαχατζής  
Εκδόσεις Γραμμικό, Λάρισα, 2011, σελ. 189, ISBN: 978-960-9506-08-3.
- 3. Μεταποίηση Αγροτικών Προϊόντων - Μέθοδοι Ανάλυσης**  
Νικόλαος Κ. Γκουγκουλιός  
Εκδόσεις Γραμμικό, Λάρισα, 2011, σελ. 151, ISBN: 978-960-9506-07-6.
- 4. Μέθοδοι Ανάλυσης του Εδάφους**  
Νικόλαος Κ. Γκουγκουλιός  
Εκδόσεις γραμμικό, Λάρισα, 2016, σελ. 152, ISBN:978-960-9506-14-4.
- 5. Χημικές Βιοδραστικές Ενώσεις Αρωματικών και Φαρμακευτικών Φυτών**  
Ελένη Κ. Βογιατζή - Νικόλαος Κ. Γκουγκουλιός  
Εκδόσεις γραμμικό, Λάρισα, 2017, σελ.130, ISBN: 978-960-9506-16-8.
- 6. Εδαφοβελτιωτικά**  
Νικόλαος Κ. Γκουγκουλιός  
Σημειώσεις Παραδόσεων του Μεταπτυχιακού Τίτλου <Σύγχρονες Τεχνολογίες στον Πρωτογενή Τομέα και την Διαχείριση του Περιβάλλοντος> του Τμήματος Τεχνολόγων Γεωπόνων του ΤΕΙ Θεσσαλίας, 2017, σελ. 67.

#### ► ΔΙΟΙΚΗΤΙΚΟ ΕΡΓΟ

1. Υπεύθυνος Εισηγητής του Προγράμματος Σπουδών Τεχνολόγων Γεωπόνων από 01-09-2020 μέχρι σήμερα.
2. Επιστημονικά Υπεύθυνος του έργου «Ενίσχυση λειτουργικών και εκπαιδευτικών αναγκών – Τμήματος Τεχνολόγων Γεωπόνων ΤΕΙ Θεσσαλίας (Λάρισα)» από 01-09-2020 μέχρι σήμερα.
3. Επιτροπή Διαχείρισης του Αγροκτήματος του Πανεπιστημίου Θεσσαλίας. Από 13-07-2021 μέχρι 30-07-2022.
4. Επιτροπή Διαγωνισμού Προμήθειας Υλικών.
5. Επιτροπή Παραλαβής Προμηθειών.
6. Τριμελής Κεντρική Εφορευτική Επιτροπή για την Ανάδειξη Προέδρου του Τμήματος.
7. Αναπληρωτής Επιστημονικά Υπευθυνός Έργου του ΚΕΔΙΒΙΜ.
8. Αναπληρωτής Επιστημονικά Υπευθυνός του προγράμματος μεταπτυχιακών σπουδών «Τεχνολογίες Διαχείρισης Αρωματικών και φαρμακευτικών φυτών: Καλλιέργεια, Μεταποίηση και Παραγωγή Προϊόντων Υψηλής Προστιθέμενης Αξίας» του Τμήματος Γεωπονίας-Αγροτεχνολογίας του πανεπιστημίου Θεσσαλίας, από 08-06-2021 μέχρι σήμερα.
9. Οργανωτική Επιτροπή Διεθνούς Επιστημονικού Συνεδρίου με Τίτλο: 3rd EUFRIN Plum and Prune WG Meeting, Skopelos Island, Greece. 20-21 Αυγούστου 2015.

#### ► ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΕΠΙΤΡΟΠΕΣ

1. Μέλος τριμελούς συμβουλευτικής Επιτροπής υποψήφιου διδάκτορα για την εκπόνηση διδακτορικής διατριβής, από 29-09-2021 (ημερομηνία έναρξης).
2. Μέλος 7/μελούς εξεταστικής επιτροπής για την κρίση διδακτορικής διατριβής με θέμα: Θέμα «Αλληλεπίδραση καλλιεργητικών τεχνικών με την οργανική ουσία του εδάφους, τις εκπομπές αερίων των θερμοκηπίου και την δομή του εφάφους». Της κ. Γούλα Ιωάννας-Μαρίας, Τμήματος Γεωπονίας, Φυτικής Παραγωγής και Αγροτικού Περιβάλλοντος, Πανεπιστημίου Θεσσαλίας, 1 Ιουλίου 2020. Επιβλέπων καθηγητής: Γέμτος Θεοφάνης.
3. Μέλος τριμελούς επιτροπής αξιολόγησης προσωπικού του ερευνητικού έργου με κωδικό 6630.

4. Μέλος τριμελούς επιτροπής αξιολόγησης Υποψήφιων Ακαδημαϊκών Υποτρόφων του ΠΣ\_ΤΓ.
5. Μέλος τριμελούς εισηγητικής επιτροπής εκλεκτορικού σώματος για πλήρωση θέσης μέλους ΔΕΠ (Επίκουρος).
6. Τακτικό μέλος εκλεκτορικού σώματος για πλήρωση θέσης μέλους ΔΕΠ (Επίκουρος).

► **ΚΡΙΤΗΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ (SCOPUS):**

1. Chemical Industry & Chemical Engineering Quarterly.
2. The Chemical Society of Ethiopia.
3. Emirates Journal of Food and Agriculture.
4. Romanian Biotechnological Letters.
5. CYTA-Journal of Food.
6. The EuroBiotech Journal

► **ΑΞΙΟΛΟΓΗΣΗ ΜΟΔΙΠ**

1. Για το Ακαδημαϊκό Έτος 2020-2021, στα μαθήματα Γενική Χημεία-Βιοχημεία και Εδαφικοί Πόροι και Διαχείριση τους, του Τμήματος Γεωπονίας-Αγροτεχνολογίας,, στάλθηκαν ερωτήσεις σε 392 φοιτητές και απάντησαν **24** φοιτητές. **Μ.Ο. Βαθμολογίας = 4.00 με άριστα το 5.00.**
2. Για το Ακαδημαϊκό Έτος 2021-2022, στα μαθήματα Γενική Χημεία-Βιοχημεία και Εδαφικοί Πόροι και Διαχείριση τους, του Τμήματος Γεωπονίας-Αγροτεχνολογίας,, στάλθηκαν ερωτήσεις σε 240 φοιτητές και απάντησαν **16** φοιτητές. **Μ.Ο. Βαθμολογίας = 4.125 με άριστα το 5.00..**
3. Για το Ακαδημαϊκό Έτος 2021-2022, στο Π.Μ.Σ. με τίτλο «ΤΕΧΝΟΛΟΓΙΕΣ ΔΙΑΧΕΙΡΙΣΗΣ ΑΡΩΜΑΤΙΚΩΝ ΚΑΙ ΦΑΡΜΑΚΕΥΤΙΚΩΝ ΦΥΤΩΝ: Καλλιέργεια, Μεταποίηση και Παραγωγή Προϊόντων Υψηλής Προστιθέμενης Αξίας» του Τμήματος Γεωπονίας-Αγροτεχνολογίας, στο μάθημα Χρήσεις των ΑΦΦ για Παραγωγή Φυσικών καλλυντικών, στάλθηκαν σε 16 φοιτητές ερωτήσεις και απάντησαν **4** φοιτητές. **Μ.Ο. Βαθμολογίας = 4.50 με άριστα το 5.00.**

► **ΕΠΙΒΛΕΠΩΝ ΚΑΘΗΓΗΤΗΣ ΣΕ ΠΡΟΠΤΥΧΙΑΚΕΣ ΕΡΓΑΣΙΕΣ ΠΟΥ ΕΧΟΥΝ ΟΛΟΚΛΗΡΩΘΕΙ:**

61. Λίπανση σε Βιολογική Καλλιέργεια Μαρουλιού, 2023.  
Φοιτητής: Ράπτης Δημήτριος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
60. Υποστρώματα των Γλαστρικών Φυτών, 2023.  
Φοιτήτρια: Αναστασίου Παναγιώτα-Αικατερίνη  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
59. Ιδιότητες του Εδάφους σε Καλλιέργεια Καρυδιάς, 2023.  
Φοιτητής: Παπής Βασίλειος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
58. Ιδιότητες του Εδάφους για την Καλλιέργεια της Ροδακινιάς, 2023.  
Φοιτητής: Ψαρρός Κωνσταντίνος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
57. Λίπανση σε Βιολογική Καλλιέργεια Βαμβακιού, 2023  
Φοιτητής: Μόσχος Κωνσταντίνος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
56. Λίπανση σε Βιολογική Καλλιέργεια Αρακά, 2022.  
Φοιτητής: Κατσέλης Κωνσταντίνος



- Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
55. Λίπανση σε Βιολογικό Αμπελώνα, 2022.  
Φοιτήτρια: Βασιλική Χείρα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
54. Επίδραση των Θρεπτικών Στοιχείων του Εδάφους στα Φύλλα Ροδακινιάς και Νεκταρινιάς από την Περιοχή Ημαθίας, 2022.  
Φοιτητής: Γαστεμής Αναστάσιος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
53. Επιδράσεις της Εμπλουτισμένης Κοπριάς με Φύκια *Chlorella Vulgaris* στις Χημικές Ιδιότητες του Εδάφους, 2022.  
Φοιτητής: Μπιτζάκας Είναρ  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
52. Ρύπανση Γεωργικών Εδαφών, 2022.  
Φοιτήτρια: Κέμμου Νικολέτα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
51. Η Επίδραση των Λιπασμάτων στις Ιδιότητες του Εδάφους, 2022.  
Φοιτήτρια: Σδρούλια Μιχαέλα.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
50. Ιδιότητες των Εδαφών που Καλλιεργείται η Ελιά, 2022.  
Φοιτητής: Μέμτσας Αστέριος.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
49. Παρασκευή Καλλυντικών Κρεμών με Φυσικές Πρώτες Ύλες και Κερί Μέλισσας. 2022.  
Φοιτητής: Παγιαβλός Χαράλαμπος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
48. Βιολογική Καλλιέργεια Ελαιώνα, 2022.  
Φοιτητής: Ηρακλέους Βασίλειος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
47. Έδαφος και Λίπανση κατά την Εγκατάσταση Γκαζόν, 2022.  
Φοιτήτρια: Καράντζαλη Βασιλική  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
46. Βιολογική Καλλιέργεια Μαρουλιού, 2022.  
Φοιτητής: Μητούλας Αγαμέμνων  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
45. Εδαφολογική Μελέτη Κέντρου Ανανεώσιμων Πηγών Ενέργειας (Αλίαρτος), 2021.  
Φοιτήτρια: Πανδή Μάρθα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
44. Έδαφος, Εδαφοβελτιωτικά και Λίπανση Αμπελώνα, 2021.  
Φοιτητής: Σαμαλάνης Ηλίας  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
43. Αξιολόγηση της Φαινολικής Σύστασης και της Αντιοξειδωτικής Ενεργητικότητας σε Χυμούς Μανταρινιών Διαφορετικών Ποικιλιών που Καλλιεργούνται στην Περιοχή Αργολίδας, 2021.  
Φοιτήτρια: Πολίτη Χρυσή και Παπαϊωάννου Αικατερίνη  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
42. Αξιολόγηση της Περιεκτικότητας των Πολυφαινολών και της Αντιοξειδωτικής Ενεργητικότητας στα Φύλλα Διαφορετικών Ποικιλιών Μανταρινιών που Καλλιεργούνται στην Πελοπόννησο, 2021.  
Φοιτήτρια: Αγγελικοπούλου Αικατερίνη

- Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 41.** Επίδραση των Περιβαλλοντικών Συνθηκών στην Περιεκτικότητα των Ολικών Φαινολών και της Αντιοξειδωτικής Ενεργητικότητας Ίδιων Ποικιλιών Ελιάς που Καλλιεργούνται σε Διαφορετικές Περιοχές της Κεντρικής Ελλάδος, 2021.  
Φοιτήτρια: Κουρελά Βασιλική και Μπάκου Γκέρτα  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 40.** Εδαφος, Βελτιωτικά του Εδάφους και Λίπανση των Κηπευτικών, 2021.  
Φοιτήτρια: Καραμίντζου Χριστίνα  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 39.** Οι Αλλοιώσεις των Οίνων, 2021.  
Φοιτητής: Τόπης Παναγιώτης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 38.** Αξιολόγηση της Περιεκτικότητας των Πολυφαινολών και της Αντιοξειδωτικής Δράσης των Φύλλων και του Καρπού της Καστανιάς από την Περιοχή της Λάρισας, 2021.  
Φοιτητές: Γεώργιος Καζαντζής- Γεώργιος Παναγιωτίδης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 37.** Εργαστηριακή Αξιολόγηση των Φυκιών της Σκοπέλου ως Λίπασμα ή ως Πρόσθετο στο Έδαφος, 2021.  
Φοιτητής: Ιωάννης Βαλαβάνης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 36.** Επίδραση της Πυκνότητας Φύτευσης και των Επιπέδων Άρδευσης και Λίπανσης στο Περιεχόμενο των Πολυφαινολών και της Αντιοξειδωτικής Δράσης των Φύλλων της Κάνναβης *Sativa*, 2021.  
Φοιτητής: Παντελεήμων Μπουζούκης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 35.** Ποιοτικός Έλεγχος των Οίνων στην Πελοπόννησο, 2021.  
Φοιτητές: Μιχαήλ Βασιλείου-Νικόλαος Κατωμέρης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 34.** Ολοκληρωμένη Διαχείριση Θρεπτικών Στοιχείων στον Αμπελώνα, 2020.  
Φοιτήτρια: Στυλιανή Γραβάνη  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 33.** Επίδραση Φυλλικών Ιστών Κρίταμου στην Οργανική Ουσία του Εδάφους και στις Χημικές Ιδιότητες του Εδάφους για ένα Πείραμα Επώασης, 2020.  
Φοιτητής: Σπυρίδων Ζαφειριάδης  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 32.** Χημικές και Βιολογικές Ιδιότητες ενός Εδάφους που Τροποποιήθηκε με Υπολείμματα Σπόρων Κάνναβης που Παρέμειναν μετά την Εκχύλιση του Ελαίου, 2020.  
Φοιτήτριες: Βασιλική Καραγιάννη και Χαρίκλεια Παπαϊωάννου  
Επιβλέπων Καθηγητής: Νικόλαος Γκουγκουλιάς
- 31.** Μελέτη Χρήσης των Αποβλήτων Ελαιοτριβείου στην Γεωργία, 2020.  
Φοιτητής: Στυλιανός Βλάχος  
Επιβλέποντες Καθηγητές: Νικόλαος Γκουγκουλιάς - Αγαθός Φιλίντας
- 30.** Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης κατά τη Διάρκεια Ωρίμανσης Διαφορετικών Ποικιλιών Σταφυλιού από την Περιοχή Τυρνάβου Λάρισας, 2019.  
Φοιτήτρια: Πράπα Ελένη  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος

29. Επίδραση Φυλλικών Ιστών Κάνναβης *Sativa* στην Αποικοδόμηση της Οργανικής Ουσίας και στις Άλλες Χημικές Ιδιότητες του Εδάφους, 2019.  
Φοιτητής: Πατελοδήμος Γρηγόριος-Παναγιώτης.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
28. Η Βιοαποικοδόμηση του Υπολείμματος Πράσινου Καφέ *Robusta* και *Arabica* στο Έδαφος και οι Επιπτώσεις στις Χημικές Ιδιότητες του Εδάφους, σε ένα Πείραμα Επώασης, 2019.  
Φοιτητής: Περιβολλάρης Νικόλαος.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
27. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Ενεργητικότητας Διαφορετικών Ποικιλιών Πορτοκαλιού από την Περιοχή Αργολίδας, 2019.  
Φοιτητής: Σταυρόπουλος Γεώργιος-Χρήστος.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
26. Ποιότητα Ελαιολάδου στην Περιφερειακή Ενότητα Μαγνησίας, 2018.  
Φοιτητές: Κανέλλος Απόστολος – Μπέλλος Ελευθέριος.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
25. Εδαφολογική Ανάλυση στην Εξαετή Καλλιέργεια της Αγριοαγκινάρας, 2018.  
Φοιτήτρια: Νικητοπούλου Αναστασία.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
24. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης Διαφορετικών Ποικιλιών Σταφυλιού από την Περιοχή Ελασσόνας, 2018.  
Φοιτητές: Ντέρκου Πολυξένη – Ασλανίδης Βαλέριος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
23. Η Παραγωγή και η Ποιότητα του Τσίπουρου, 2018.  
Φοιτητής: Ματεντσίδης Αθανάσιος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
22. Σύσταση και Φυσικοχημικές Ιδιότητες που Επηρεάζουν την Ποιότητα του Μελιού, 2018.  
Φοιτητής: Μανώλης Ιωάννης  
Επιβλέποντες Καθηγητές: Μακρίδης Χρήστος – Γκουγκουλιάς Νικόλαος
21. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης Διαφορετικών Ποικιλιών Ελιάς στην Περιοχή της Λάρισας, 2018.  
Φοιτητές: Εμμανουήλ Δημήτριος και Αλατάς Ιωάννης  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
20. Εργαστηριακή Μελέτη του Αίματος των Ζώων από Σφαγεία, στις Χημικές Ιδιότητες του Εδάφους, 2017.  
Φοιτητής: Ντούγκος Φίλιππος.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
19. Ποιότητα του Οίνου στην Περιοχή της Ξάνθης, 2017.  
Φοιτητής: ΙΡΦΑΝ ΑΧΜΕΤΣΙΚ.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
18. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης Διαφορετικών Ποικιλιών Ελιάς από την Περιοχή της Χαλκιδικής, 2017.  
Φοιτήτριες: Κανούλα Παναγιώτα και Μικέ Ελένη  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
17. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης Διαφορετικών Ποικιλιών Ελιάς από την Πάρο, 2017.  
Φοιτητής: Σαμαλτάνης Στυλιανός.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος

16. Συγκριτική Μελέτη Αιθέριου Ελαίου Ποικιλιών Δενδρολίβανου (*Rosmarinus officinalis*) σε Διαφορετικές Καλλιεργητικές Τεχνικές, 2016.  
Φοιτήτριες: Παπαδούλη Ζωή – Θεοδοσίου Βάια  
Επιβλέποντες Καθηγητές: Βογιατζή Καμβούκου Ελένη-Γκουγκουλιάς Νικόλαος
15. Μελέτη των Πολυφαινολών και των Αντιοξειδωτικών Ιδιοτήτων στα Σταφύλια των Τοπικών Ποικιλιών της Πάρου και του Παραγόμενου Κρασιού από Αυτές, 2016.  
Φοιτητής: Κρητικός Δημήτριος  
Επιβλέποντες Καθηγητές: Γκουγκουλιάς Νικόλαος- Καλφούντζος Δημήτριος
14. Μελέτη της Περιεκτικότητας των Πολυφαινολών και των Αντιοξειδωτικών Ιδιοτήτων στις Επιτραπέζιες Ποικιλίες Σταφυλιών *Victoria* και *Muscat Hamburg* που Καλλιεργούνται στην Περιοχή του Νομού Λάρισας, 2016.  
Φοιτήτρια: Φόλα Ευγενία  
Επιβλέποντες Καθηγητές: Γκουγκουλιάς Νικόλαος- Καλφούντζος Δημήτριος
13. Χρήση Μίγματος Στερεών και Υγρών Αποβλήτων Ελαιοτριβείου ως Λίπασμα σε Θερμοκηπιακή Καλλιέργεια Οπωροκηπευτικών, 2016.  
Φοιτητές: Μπλέκας Δημήτριος - Μπουντίνης Ιωάννης  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
12. Εργαστηριακή Μελέτη Επίδρασης των Στερεών Αποβλήτων Παραγωγής Βιοντίζελ από Άλγεις (*Chlorella Vulgaris*) στις Χημικές Ιδιότητες του Εδάφους, 2016.  
Φοιτήτρια: Σαλονικιώτη Αφροδίτη  
Επιβλέποντες Καθηγητές: Γκουγκουλιάς Νικόλαος- Παπαχατζής Αλέξανδρος
11. Παραγωγή και Εμφιάλωση Τσίπουρου και Ούζου, 2014.  
Φοιτήτρια: Καμινιώτη Παναγιώτα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
10. Ηλεκτρική Αγωγιμότητα Θρεπτικού Διαλύματος σε Υδροπονική Καλλιέργεια Τομάτας στο Θερμοκήπιο και Θρεπτική Κατάσταση των Φυτών, 2014.  
Φοιτήτρια: Γκουντουβά Ευδοκία.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
9. Εφαρμογή Υπολειμμάτων Υποστρώματος Υδροπονίας από Κοκοφοίνικα ως Λίπανση σε Θερμοκηπιακή Καλλιέργεια Τομάτας, 2013.  
Φοιτητές: Κασιμάτης Γεωργιος και Φτάκας Δημήτριος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
8. Εργαστηριακή Αξιολόγηση Εφαρμογής Κοκοφοίνικα στο Έδαφος ως Εδαφοβελτιωτικού (Υπόστρωμα Υδροπονίας) Ύστερα από τη Χρήση του σε Υδροπονική Καλλιέργεια, 2012.  
Φοιτήτρια: Τούλιου Ευτυχία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
7. Η εξέλιξη της Αλατότητας σε Θρεπτικό Διάλυμα και σε Υδροπονική Καλλιέργεια Τομάτας Θερμοκηπίου, 2012.  
Φοιτητής: Βαρδούλης Αλέξανδρος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
6. Μεταποίηση και Τυποποίηση Ελαιολάδου, 2012.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος  
Φοιτήτρια: Μόκα Στυλιανή
5. Παραγωγή Λιπασματικού Μίγματος με Στερεά και Υγρά Απόβλητα Ελαιοτριβείων, 2011.  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος  
Φοιτητές: Βαρδάκας Ευάγγελος και Κουλμανδά Σταυρίτσα

4. Εξέλιξη της Αλατότητας του Εδάφους σε Καλλιέργεια Θερμοκηπίου, 2011.  
Φοιτήτρια: Μπαλτούμη Μαρία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
3. Λιπαντική Καταλληλότητα του Κατσίγαρου, 2011.  
Φοιτητές: Ζούσης Δημήτριος και Φλώρος Χρήστος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
2. Εργαστηριακή Αξιολόγηση Εφαρμογής Αποβλήτων Ελαιοτριβείου στο Έδαφος, 2010.  
Φοιτήτρια: Στεργίου Ελευθερία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
1. Εξέλιξη της Αλατότητας του Εδάφους σε Καλλιέργεια Θερμοκηπίου, 2010.  
Φοιτήτρια: Παπαδήμα Παρασκευή  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος

**► ΕΠΙΒΛΕΠΩΝ ΚΑΘΗΓΗΤΗΣ ΣΕ ΜΕΤΑΠΤΥΧΙΑΚΕΣ ΔΙΑΤΡΙΒΕΣ ΠΟΥ ΕΧΟΥΝ ΟΛΟΚΛΗΡΩΘΕΙ:**

14. Επίδραση των Βιοδραστικών Συστατικών της Τσουκνίδας και του Φασκόμηλου στην Ποιότητα των Καλλυντικών Κρεμών, 2023.  
Μεταπτυχιακή Φοιτήτρια: Γεωργίου Κωνσταντίνα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
13. Παραγωγή Σαμπουάν με Φυσικές Πρώτες Ύλες και Αιθέρια Έλαια, 2023.  
Μεταπτυχιακή Φοιτήτρια: Παντούλα Βασιλική  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
12. Επίδραση των Βιοδραστικών Συστατικών του Ελίχρυσου στην Ποιότητα των Καλλυντικών Κρεμών, 2023.  
Μεταπτυχιακή Φοιτήτρια: Τσιαντούλη Γεωργία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
11. Επίδραση των Βιοδραστικών Συστατικών του Τριαντάφυλλου και της Άρνικα στην Ποιότητα των Καλλυντικών Κρεμών, 2022.  
Μεταπτυχιακή Φοιτήτρια: Δημοσίου Κυριακούλα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
10. Επίδραση της Θερμοκρασίας και του Χρόνου Βρασμού στην Σύσταση των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης των Εκχυλισμάτων Πράσινου Τσαγιού και Τσαγιού του Βουνού, 2022.  
Μεταπτυχιακή Φοιτήτρια: Προβοπούλου Κορνηλία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
9. Επίδραση της Θερμοκρασίας και του Χρόνου Βρασμού στην Σύσταση των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης του Εκχυλίσματος Χαμομηλιού, 2022.  
Μεταπτυχιακή Φοιτήτρια: Σουφλιάγκα Χρυσούλα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
8. Η Επίδραση των Βιοδραστικών Συστατικών του Χαμομηλιού στην Ποιότητα των Καλλυντικών Κρεμών, 2022.  
Μεταπτυχιακή Φοιτήτρια: Παπαδοπούλου Δέσποινα-Άρτεμις  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
7. Η Επίδραση των Βιοδραστικών Συστατικών του Φυτού Χοχόμπα στην Ποιότητα των Καλλυντικών Κρεμών, 2022.  
Μεταπτυχιακή Φοιτήτρια: Ντέλλα Ελισάβετ  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος

6. Μελέτη της Σύστασης των Πολυφαινολών και της Αντιοξειδωτικής Ενεργητικότητας σε Ορισμένα Αυτοφυή Αρωματικά και Φαρμακευτικά Φυτά της Θεσσαλίας, 2020.  
Μεταπτυχιακός Φοιτητής: Αλέξανδρος Βεγγόπουλος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
5. Καλλυντικές Κρέμες με Δραστικά Συστατικά Φυτικής Προελεύσεως, 2020.  
Μεταπτυχιακός Φοιτητής: Κωνσταντίνος Μπούτλας  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
4. Παραγωγή Σαπουνιού με Φυσικές Χρωστικές και Αιθέρια Έλαια, 2020.  
Μεταπτυχιακή Φοιτήτρια: Αντωνιάδου Άννα  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
3. Εφαρμογή Επεξεργασμένων Υγρών Αποβλήτων σε Χλοοτάπητα, 2019.  
Μεταπτυχιακή Φοιτήτρια: Δρογοΐδου Αικατερίνη  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
2. Μεταβολή των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης στους Καρπούς Γλυκιάς Πιπεριάς Κατά την Ανάπτυξη της σε Θερμοκηπιακή Καλλιέργεια, 2018.  
Μεταπτυχιακός Φοιτητής: Παπαθανασίου Θεόδωρος  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος
1. Μελέτη των Πολυφαινολών και της Αντιοξειδωτικής Δύναμης σε Διαφορετικές Ποικιλίες Ραδικιών, 2018.  
Μεταπτυχιακή Φοιτήτρια: Καραμπούλα Αναστασία  
Επιβλέπων Καθηγητής: Γκουγκουλιάς Νικόλαος

► ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΔΙΕΘΝΩΣ ΑΝΑΓΝΩΡΙΣΜΕΝΑ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ (SCOPUS)

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Αναγνώριση του δημοσιευμένου ερευνητικού του έργου σύμφωνα με τη βάση δεδομένων του Scopus και Scholar = **597**. Δεν συμπεριλαμβάνονται οι αναφορές από συν-συγγραφείς. **Citations στη βάση δεδομένων του Scopus = 353, με h-index= 10 και συνολικό I.F. το 2021 = 118.615.**

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