ΙΩΑΝΝΗΣ Γ. ΒΑΛΑΗΣ

Καθηγητής,
Τμήμα Μηχανικών Βιοϊατρικής

Σχολή Μηχανικών
Πανεπιστήμιο Δυτικής Αττικής

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

Αθήνα 2022

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1. ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

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Όνομα: **Ιωάννης**
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2. ΣΠΟΥΔΕΣ

2.1. ΒΑΣΙΚΟ ΠΤΥΧΙΟ

Πτυχίο Μηχανικός Τεχνολογίας Ιατρικών Οργάνων.
Τμήμα Τεχνολογίας Ιατρικών Οργάνων.
Σχολή Τεχνολογικών Εφαρμογών (Σ.Τ.ΕΦ.).
Τεχνολογικό Εκπαιδευτικό Ίδρυμα (ΤΕΙ) Αθήνας.
Ημερομηνία λήψης: 11 Μαρτίου 1991.
Βαθμός Πτυχίου: 7.42 "Λίαν Καλώς"

ΠΤΥΧΙΑΚΗ ΕΡΓΑΣΙΑ

"Συσκευή Τεχνητού Νεφρού". Παρουσίαση και αξιολόγηση διαφόρων μοντέλων της αγοράς. Στατιστική μελέτη βλαβών

ΥΠΟΤΡΟΦΙΕΣ

Υπότροφος του Ιδρύματος Κρατικών Υποτροφιών . Έλαβα για τρία συνεχή έτη (Φεβρουάριο 1987,1988 και 1989) υποτροφία αρίστης επίδοσης από το Ι.Κ.Υ. (Ίδρυμα Κρατικών Υποτροφιών) ως δεύτερος καλύτερος σπουδαστής.

2.2. ΜΕΤΑΠΤΥΧΙΑΚΕΣ ΣΠΟΥΔΕΣ

2.2.1 *Μεταπτυχιακός Τίτλος Μάστερ (Master of Science) στην Βιοϊατρική Μηχανική, Πανεπιστήμιο Αμπερντήν, Σκωτία.*
Τμήμα Ιατρικής Φυσικής και Βιοϊατρικής Μηχανικής (Medical Physics and Bioengineering).
Πτυχιακή ερευνητική εργασία: Διόρθωση ενέργειας σε γ΄κάμερα (energy correction in Gamma Cameras)
Ημερομηνία λήψης: 27 Ιανουαρίου 1993.

2.2.2 *Διδακτορικό Ιατρικής Φυσικής, Τμήμα Ιατρικής, Πανεπιστήμιο Πάτρας*
Τιτλος Διδακτορικής Διατριβής
Συστηματική μελέτη της απόδοσης εκπομπής φωτός και των αντίστοιχων ενδογενών χαρακτηριστικών μονοκρυσταλλικών σπινθηριστών, με ενεργοποιητή το τρισθενές Δημήτριο (Ce^{3+}) σε ευρεία κλίμακα ενεργειών (20kV-18MV) για ιατρικές εφαρμογές
Τριμελής επιτροπή
Επιβλέπων καθηγητής: Γ. Παναγιωτάκης
Ιωάννης Κανδαράκης Μέλος συμβουλευτικής επιτροπής
Ελένη Κοσταρίδου Μέλος συμβουλευτικής επιτροπής
Παράδοση 24/06/2008

3. ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

- *Φεβ* ***2001*** - *Οκτ* **2009**: Καθηγητής Εφαρμογών στο Τ.Ε.Ι. Αθήνας, στην ομάδα μαθημάτων Β, με γνωστικό αντικείμενο την Ετοιμότητα και Συντήρηση Ιατρικών Μηχανημάτων και τις Κατασκευές.

- *Οκτ* **2009** έως Απρ **2014**: Επίκουρος Καθηγητής στο Τ.Ε.Ι. Αθήνας, στην ομάδα μαθημάτων Β, με γνωστικό αντικείμενο την Συντήρηση και Διασφάλιση Ποιότητας Ιατρικών Μηχανημάτων και τη Μεθοδολογία Σχεδιασμού και Κατασκευής Βιοϊατρικών Συσκευών

- *Απρ* **2014** έως *Αυγ.* **2018**: Τακτικός Αναπληρωτής Καθηγητής στο Τ.Ε.Ι. Αθήνας, στην ομάδα μαθημάτων Β, με γνωστικό αντικείμενο την Συντήρηση και Διασφάλιση Ποιότητας Ιατρικών Μηχανημάτων, τη Μεθοδολογία Σχεδιασμού και Κατασκευής Βιοϊατρικών Συσκευών και Εργαστήριο Ιατρικών Λέιζερ και Οπτοηλεκτρονικών Διατάξεων.

- *Σεπτ* **2018** – **Σήμερα**: Καθηγητής στο Πανεπιστήμιο Δυτικής Αττικής, στην ομάδα μαθημάτων Β, με γνωστικό αντικείμενο την Συντήρηση και Διασφάλιση Ποιότητας Ιατρικών Μηχανημάτων, το Σχεδιασμό και Κατασκευή Βιοϊατρικών Συσκευών, Οπτοηλεκτρονική & Laser στην Ιατρική και Αρχές Διοικησης και Οικονομικής Επιστήμης για Μηχανικούς.

4. ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ

4.1. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

1) Ερευνητής έμμισθος στο διακρατικό ερευνητικό πρόγραμμα που χρηματοδοτήθηκε από την Ευρωπαϊκή Ένωση Pulse Oximeter Calibrator, τριετούς διάρκειας, (FP4/1996-1998).

2) Ερευνητής άμισθος στο Ερευνητικό Πρόγραμμα που χρηματοδοτήθηκε από το ΤΕΙ της Αθήνας με τίτλο ¨Ανάπτυξη συστημάτων επικοινωνίας για τοπικά δίκτυα υπολογιστών Ιατρικών μηχανημάτων για χρήση σε νοσοκομεια.1997.

3) Ερευνητής άμισθος στο Ερευνητικό Πρόγραμμα που χρηματοδοτήθηκε από το ΤΕΙ της Αθήνας με τίτλο Ανάπτυξη γεννήτριας υψηλών τάσεων για τον ποιοτικό έλεγχο τμημάτων Ιατρικών Συσκευών, 1997.

4) Ερευνητής άμισθος στο Ερευνητικό Πρόγραμμα που χρηματοδοτήθηκε από το ΤΕΙ της Αθήνας Ανάπτυξη συστήματος μέτρησης της λειτουργίας του θυρεοειδή αδένα μέσω έλεγχου της αντίδρασης Αχίλλειου τένοντα, 1997.

5) Συμμετοχή στο ερευνητικό πρόγραμμα ΕΠΕΑΕΚ του ΤΕΙ Αθήνας, Τμήμα Τεχνολογίας Ιατρικών Οργάνων» (Επιστημονικός Υπεύθυνος Αν. Καθηγητής Ε. Βεντούρας) του υποέργου «Αναμόρφωση Προπτυχιακών Προγραμμάτων Σπουδών» του Τ.Ε.Ι. Αθήνας, του Επιχειρησιακού Προγράμματος Εκπαίδευσης και Αρχικής Επαγγελματικής Κατάρτισης (ΕΠΕΑΕΚ ΙΙ), Ενέργεια 2.2.2 / Πράξη 2.2.2.α: Επιτροπή Εκπαίδευσης & Ερευνών του ΤΕΙ-Αθήνας (11/14-04-2003) Πακέτο Εργασίας 9: Εργαστήριο CAD-CAM-CAE και Διασφάλισης Ποιότητας Ιατρικών Μηχ/των, (01.09.2002-31.08.2005), Συγγραφή εργαστηριακών Ασκήσεων. Προϋπολογισμός:167.655 ευρώ.

6) Ερευνητής έμμισθος στο Ερευνητικό Πρόγραμμα ΕΠΕΑΕΚ "Αρχιμήδης Ι, Ενίσχυση Ερευνητικών Ομάδων στο ΤΕΙ Αθήνας" Μέτρο 2.2, με τίτλο: «Μελέτη φωσφόρων /σπινθηριστών για χρήση σε ανιχνευτές ακτινοβολίας συστημάτων Ιατρικής Απεικόνισης», Επιτροπή Εκπαίδευσης & Ερευνών του ΤΕΙ-Αθήνας (1.02.2004-30.08.2006). Προϋπολογισμός:2.537.087 ευρώ.

7) Ερευνητής άμισθος στο Ερευνητικό Πρόγραμμα "Αθηνά 2004" με τίτλο: «Χαρακτηρισμός του δερματικού ιστού με τη μέθοδο της οπτικής φασματοσκοπίας ανάκλασης: Ανάπτυξη διαγνωστικής μεθόδου» (01.01.2005-31.12.2006).

8) Ερευνητής έμμισθος στο Κοινό Ερευνητικό και Τεχνολογικό Πρόγραμμα Ελλάδας-Ουκρανίας με τίτλο «Ανάπτυξη, μοντελοποίηση και πειραματική αξιολόγηση σπινθηριστών για τη βελτιστοποίηση ενός απεικονιστικού συστήματος, υψηλής ευκρίνειας, για ανίχνευση καρκινικών όγκων» (2004-2006).

9) Ερευνητής έμμισθος Ερευνητικό πρόγραμμα ΕΠΕΑΕΚ ΙΙ «ΑΡΧΙΜΗΔΗΣ» ΙΙ: «Πειραματική διερεύνηση και προσομοίωση με τεχνικές Μόντε-Κάρλο υλικών ανιχνευτών ακτινοβολίας που χρησιμοποιούνται σε συστήματα Ακτινοδιαγνωστικής και Πυρηνικής Ιατρικής» από 1/01/2005 έως 31/12/2006. Επιστημονικός Υπεύθυνος: Καθηγητής Δρ. Κ. Κουρκουτάς. Προϋπολογισμός: 100.000 ευρώ.

10) Ερευνητής άμισθος στο Ερευνητικό Πρόγραμμα "Αθηνά 2004" με τίτλο: «Προσομοίωση ενός συστήματος υπολογιστικής τομογραφίας μαστού: Η επίδραση του υλικού του ανιχνευτή & του φίλτρου ανακατασκευής στην ποιότητα της εικόνας» (01.01.2005-31.12.2006).

11) Ερευνητής έμμισθος στο Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα «Εκπαίδευση και Δια Βίου Μάθηση» ΕΣΠΑ 2007-2013» «ΑΡΧΙΜΗΔΗΣ» ΙΙΙ- Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ». Τίτλος: «Καινοτόμες εφαρμογές στη τεχνική διπλής ενέργειας ακτίνων-χ για πρόωρη διάγνωση στην οστεοπόρωση, τη μαστογραφία και την αγγειογραφία» Acronym: XDualGnosis, Duration:01/09/2011 - 03/04/2014 Research Domain 3.Biological and Medical sciences. Research Area LS7; Diagnostic tools, therapies and public health. Primary Field of Research. LS7_1; Medical engineering and technology Επιστημονικός Υπεύθυνος: Δρ. Γεώργιος Φούντος, Επίκουρος Καθηγητής Τμήμα: Τεχνολογίας Ιατρικών Οργάνων ΤΕΙ Αθήνας. gfoun@teiath.gr Προϋπολογισμός: 100.000 ευρώ.

12) Ερευνητής έμμισθος στο Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» «ΑΡΧΙΜΗΔΗΣ» ΙΙΙ- Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ». Τίτλος: «Πειραματική αξιολόγηση νέων μονοκρυσταλλικών ανιχνευτών σπινθηρισμού για χρήση σε συνδυαστικά τομογραφικά συστήματα ιατρικής απεικόνισης» Acronym: ScoDo, Duration: 01/09/2011 - 31/08/2013 Research Domain 5. Mathematics, Physics, Chemistry. Research Area LS7; Diagnostic tools, therapies and public health. Primary Field of Research. LS7_1; Medical engineering and technology. Επιστημονικός Υπεύθυνος: Δρ. Κωνσταντίνος Κουρκουτάς, Καθηγητής Τμήμα: Φυσικής Χημείας και Τεχνολογίας Υλικών, ΤΕΙ Αθήνας. k_kourkoutas@yahoo.gr Προϋπολογισμός: 100.000 ευρώ.

13) Ερευνητής έμμισθος στο Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» «ΑΡΧΙΜΗΔΗΣ ΙΙΙ- Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ». Τίτλος: «Αξιολόγηση νανοφωσφόρων για εφαρμογές ιατρικής απεικόνισης: προσομοίωση Μόντε Κάρλο και πειραματική διερεύνηση» Acronym: NanoCarlo, Επιστημονικός Υπεύθυνος: Δρ. Ιωάννης Κανδαράκης, Καθηγητής Τμήμα: Τεχνολογίας Ιατρικών Οργάνων, ΤΕΙ Αθήνας. kandarakis@teiath.gr Προϋπολογισμός: 100.000 ευρώ.

14) Ερευνητής έμμισθος στο Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» «ΑΡΧΙΜΗΔΗΣ ΙΙΙ- Ενίσχυση Ερευνητικών Ομάδων στα ΤΕΙ». Τίτλος: «Φωτοδιάγνωση του καρκινικού δέρματος με τη μέθοδο του LASER Επαγόμενου Φθορισμού και Δοσιμετρια της Φωτοδυναμικής Θεραπείας», Υποέργο:09. Επιστημονικός Υπεύθυνος: Δρ. Ιωάννης Σιανούδης, Καθηγητής Τμήμα: Φυσικής, Χημείας και Τεχνολογίας Υλικών, ΤΕΙ Αθήνας. jansian@teiath.gr.

15) Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» Ακαδημαϊκή και επιστημονική αριστεία Ανάδειξη και στήριξη της Ακαδημαϊκής & Επιστημονικής Αριστείας στην Ελληνική Τριτοβάθμια Εκπαίδευση, Αξιολόγηση ανιχνευτών ιατρικής απεικόνισης. επίδραση των φθοριζόντων υλικών στην απόδοση του ανιχνευτή, ΤΕΙ Αθήνας, Ερευνητική Ομάδα: Ι. Κανδαράκης Γ. Φούντος, Ι. Βαλαής, Ν. Καλύβας, Π. Λιαπαρίνος, Χ. Μιχαήλ, Σ. Δαυίδ.

16) Ερευνητής έμμισθος στο Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» «Αριστεία». Τίτλος: «Medical Image SCIence thRough LUminescence (MISCIRLU project)». Acronym: Miscirlu, Επιστημονικό Πεδίο 6 'Ιατρικές Επιστήμες', Αριθμός πρότασης: 1476, Επιστημονικός Υπεύθυνος: Δρ. Ιωάννης Κανδαράκης, Καθηγητής Τμήμα: Τεχνολογίας Ιατρικών Οργάνων, ΤΕΙ Αθήνας. kandarakis@teiath.gr Προϋπολογισμός: 308.000 ευρώ.

17) Επιστημονικός Υπεύθυνος στο Ερευνητικό Πρόγραμμα με τίτλο «Μελετη Οργανωσης & Διασφαλισης Ποιοτητας Εργαστηριου Ακοομετριας» μεταξύ του Εθνικού Ιδρύματος Κωφών (ΕΙΚ) και της Επιστροπής Εκπαίδευσης & Ερευνών του ΤΕΙ Αθήνας, διάρκειας ενός έτους (1/4/2014-31/3/2015), ΑΔΑ: ΒΙΗΗ4691ΟΗ-ΕΧΣ. Αρ. Έργου Rescom: 60167. Προϋπολογισμός: 4000 ευρώ

18) Επιστημονικός Υπεύθυνος, Εσωτερικό Πρόγραμμα Ενίσχυσης Ερευνητών του ΤΕΙ Αθήνας, Ειδικός λογαριασμός κονδυλίων έρευνας, Τμήμα ερευνητικών προγραμμάτων, Έργο με τίτλο: : Ανάπτυξη σύνθετων υλικών (τροποποιημένα με κβαντικές τελείες πολυμερή) με εφαρμογές στην ιατρική απεικόνιση.. Διάρκεια σύμβασης από 01/10/2015 μέχρι 30/09/2016. Αρ. Έργου Rescom: 60224.Προϋπολογισμός: 5000 ευρώ.

4.2. ΣΥΜΜΕΤΟΧΗ ΣΕ ΥΠΟΒΟΛΗ ΠΡΟΤΑΣΕΩΝ ΕΡΕΥΝΗΤΙΚΩΝ ΠΡΟΓΡΑΜΜΑΤΩΝ ΠΟΥ ΕΧΟΥΝ ΕΓΚΡΙΘΕΙ ΚΑΤΑ ΤΗΝ ΠΡΩΤΗ ΦΑΣΗ ΑΞΙΟΛΟΓΗΣΗΣ

Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» Επικαιροποίηση Γνώσεων Αποφοίτων ΑΕΙ, Σύγχρονες εξελίξεις στη Βιοϊατρική Τεχνολογία, ΤΕΙ Αθήνας, Υπεύθυνος: Δρ. Ιωάννης Κανδαράκης, Καθηγητής Τμήμα: Τεχνολογίας Ιατρικών Οργάνων, ΤΕΙ Αθήνας. kandarakis@teiath.gr,

4.3. ΔΙΑΚΡΙΣΕΙΣ

Ερευνητικό πρόγραμμα «Επιχειρησιακό Πρόγραμμα 'Εκπαίδευση και Δια Βίου Μάθηση' ΕΣΠΑ 2007-2013» Ακαδημαϊκή και επιστημονική αριστεία Ανάδειξη και στήριξη της Ακαδημαϊκής & Επιστημονικής Αριστείας στην Ελληνική Τριτοβάθμια Εκπαίδευση, Αξιολόγηση ανιχνευτών ιατρικής απεικόνισης. επίδραση των φθοριζόντων υλικών στην απόδοση του ανιχνευτή, ΤΕΙ Αθήνας, Ερευνητική Ομάδα: Ι. Κανδαράκης Γ. Φούντος, **Ι. Βαλαής**, Ν. Καλύβας, Π. Λιαπαρίνος, Χ. Μιχαήλ, Σ. Δαυίδ.

4.4. ΛΟΙΠΕΣ ΕΠΙΣΤΗΜΟΝΙΚΕΣ-ΕΡΕΥΝΗΤΙΚΕΣ & ΕΚΠΑΙΔΕΥΤΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

4.4.1 Κριτής επιστημονικών δημοσιεύσεων σε διεθνή περιοδικά (Reviewer).

Περιοδικά:

1. World Journal of Radiology, http://www.wjgnet.com/1949-8470/edboard.htm,
2. Medical Instrumentation Journal, http://www.hoajonline.com/medicalinstrumentation/editorialboard,
3. Journal Nuclear Medicine, Radiology & Radiation Therapy, http://www.heraldopenaccess.us/journals/Nuclear-Medicine-Radiology-&-Radiation-Therapy/editorial-board.php,
4. PhysicaMedica, http://www.reviewerrecognition.elsevier.com/recognition/index?key=A002F298890F30D8FD26C4EE1E4AF71819EDEDF55FFB6ADC,
5. Open Journal of Applied Science (OJAppS), http://www.scirp.org/journal/ojapps/,
6. Coatings, https://www.mdpi.com/journal/coatings
7. Crystals, https://www.mdpi.com/journal/crystals
8. Diagnostics, https://www.mdpi.com/journal/diagnostics
9. Electronics, https://www.mdpi.com/journal/electronics
10. Journal of Luminescence, https://www.journals.elsevier.com/journal-of-luminescence
11. Materials, https://www.mdpi.com/journal/materials
12. Nanomaterials, https://www.mdpi.com/journal/nanomaterials
13. Optical Materials, https://www.journals.elsevier.com/optical-materials
14. Physica Status Solidi-B, https://onlinelibrary.wiley.com/journal/15213951
15. Sensors, https://www.mdpi.com/journal/sensors
16. Symmetry, https://www.mdpi.com/journal/symmetry

4.4.2 Κριτής διεθνών επιστημονικών προτάσεων (Reviewer).

Science peer reviewer for MBIE's 2012 Science Investment Round, Ministry of Science and Innovation (MSI), Science Investments, Science Skills and Innovation, Ministry of Business, Innovation & Employment, New Zealand Government.

4.4.3 Προεδρία σε Συνέδρια (Session Chairman)

1. Προεδρίο Συνεδρίας στο 2ο Πανελλήνιο Συνέδριο Βιοϊατρικής & Ιατροτεχνολογικού Εξοπλισμού, Καβάλα 27-29 Μαϊου 2011.
2. Session Chairman στο 4th EPSMSO International Conference, Αθήνα 6-9 Ιουλίου, 2011,
3. Session Chairman στο 'Workshop on Bio-Medical Instrumentation and related Engineering And Physical Sciences' Technological Educational Institute of Athens, Friday 6 July 2012'.
4. Session Chairman στο Workshop on Bio-Medical Instrumentation and related Engineering And Physical Sciences, που φιλοξενήθηκε στο 8th European Conference on Medical Physics September 11-13, **2014**, Athens, Greece,
5. Session Chairman στο International Conference "Science in Technology", SCinTe 2015, 5-7 November, Athens, Greece.
6. Session Chairman στο: Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences (BIOMEP 2017), October 12 and 13, **2017**, Athens, Greece

4.4.4 Μέλος Επιτροπών

1. Μέλος της επιστημονικής επιτροπής στο: 2ο Πανελλήνιο Συνέδριο Βιοϊατρικής & Ιατροτεχνολογικού Εξοπλισμού, Καβάλα 27-29 Μαϊου 2011.
2. Μέλος της οργανωτικής επιτροπής του: 2nd Conference on Bio-Medical Instrumentation and related Engineering And Physical Sciences Technological Educational Institute of Athens, June 21-22, **2013**, Athens, Greece.
3. Μέλος της επιστημονικής επιτροπής του: 2nd Conference on Bio-Medical Instrumentation and related Engineering And Physical Sciences Technological Educational Institute of Athens, June 21-22, **2013**, Athens, Greece.

4. Μέλος της επιτροπής εκδόσεων του: 2nd Conference on Bio-Medical Instrumentation and related Engineering And Physical Sciences Technological Educational Institute of Athens June 21-22, **2013**, Athens, Greece.
5. Μέλος της οργανωτικής επιτροπής του: Workshop on Bio-Medical Instrumentation and related Engineering And Physical Sciences, που φιλοξενήθηκε στο 8th European Conference on Medical Physics September 11-13, **2014**, Athens, Greece,
6. Διοργάνωση ημερίδας: 'Βιοϊατρικής Τεχνολογίας Ποιότητα και Ασφάλεια στις Υπηρεσίες Υγείας' Παρασκευή 30 Μαΐου 2014, ώρα 10:00-13:00 Συνεδριακό Κέντρο ΤΕΙ Αθήνας.
7. Πρόεδρος της οργανωτικής επιτροπής του: Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences (BIOMEP 2015), June 18-20, **2015**, Athens, Greece,
8. **Editor** του τόμου 637 (2015) στο περιοδικό J. Phys.: Conf. Ser.
9. Πρόεδρος του Συνεδρίου και μέλος της Επιστημονικής Επιτροπής του: Conference on Bio-Medical Instrumentation and related Engineering And Physical Sciences (BIOMEP2017), Technological Educational Institute of Athens, October 12-13, **2017**, Athens, Greece.
10. **Editor** του τόμου 931 (2017) στο περιοδικό J. Phys.: Conf. Ser.
11. Εμπειρογνώμονας ορισμένος από το Τμήμα Μηχανικών Βιοιατρικής Τεχνολογίας, για σύμπραξη στο έργο των Επιθεωρητών του Σώματος Επιθεωρητών Υπηρεσιών Υγείας και Πρόνοιας (Σ.Ε.Υ.Υ.Π.) κ.κ. Π. Χριστοδουλέα και Α. Καρτέρη στο πλαίσιο της εντολής διενέργειας ελέγχου ΔΟ/1696/3-07-201.
12. Εμπειρογνώμονας ορισμένος από το Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας, σε θέμα που αφορά μηχανήματα Τεχνητού Νεφρού και τις υπηρεσίες συντήρησης οι οποίες πρέπει να παρέχονται από την κατασκευάστρια εταιρεία, μετά από σχετική αίτηση της εταιρίας Baxter 31/5/2017.
13. Εξωτερικός Εμπειρογνώμονας αξιολογημένος θετικά από την Επιτροπή Αξιολόγησης Επιθεωρητών του Εθνικού Κέντρου Αξιολόγησης της Ποιότητας και Τεχνολογίας στην Υγεία Α.Ε. (ΕΚΑΠΤΥ), στις 22/11/2016 με Σύμβαση Ανεξάρτητων Υπηρεσιών
14. **Guest Editor** του τόμου "Crystals for Biomedical Applications" (2019) στο περιοδικό Crystals (I.F.2017: 2,144)
15. Μέλος της Επιστημονικής Επιτροπής : 1ο Πανελλήνιο Συνέδριο Ιατρικής Φυσικής (https://pcmp2022.efie.gr/), 23-25 Σεπτεμβρίου 2022, https://pcmp2022.efie.gr/scientific-board/
16.

5. ΔΙΔΑΚΤΙΚΟ ΕΡΓΟ

Διαλέξεις στα πλαίσια της διδασκαλίας προπτυχιακών μαθημάτων στα ακόλουθα Προγράμματα Σπουδών:

- Οκτώβριος 1993 - Δεκέμβριο 1993: Συμμετοχή ως διδάσκων στο επιδοτούμενο σεμινάριο "Πυρηνική Τομογραφία" για άνεργους πτυχιούχους Τ.Ε.Ι. διάρκειας 300 ωρών. Αντικείμενο διδασκαλίας είχα τους χειρισμούς για τη λήψη εικόνας και την επεξεργασία αυτής.

- ΤΕΙ Αθήνας, Σχολή Τεχνολογικών Εφαρμογών (Σ.Τ.ΕΦ.), Τμήμα Τεχνολογίας Ιατρικών Οργάνων, Εργαστηριακός Συνεργάτης στη διεξαγωγή του Εργαστηρίου Ετοιμότητας και Συντήρησης Ιατρικών Οργάνων και κατά τα ακαδ. έτη 1995-2000

- Φεβρουάριος 15-16, 2000. Διοργάνωση Εκπαιδευτικού σεμιναρίου σε κλινικές εφαρμογές λογισμικού σε συστήματα Πυρηνικής Ιατρικής.

- Οκτώβριος 2000 – Σεπτέμβριος 2009. Διδακτική εμπειρία ως Καθηγητής Εφαρμογών στο τμήμα Τεχνολογίας Ιατρικών Οργάνων της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας στα Εργαστήρια Ετοιμότητας και Συντήρησης Ιατρικών Οργάνων και Κατασκευών Ι & ΙΙ.

- Οκτώβριος 2009 – Απρίλιος 2014. Επίκουρος Καθηγητής στο τμήμα Τεχνολογίας Ιατρικών Οργάνων της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας υπεύθυνος των Εργαστηρίων Συντήρησης & Διασφάλισης Ποιότητας Ιατρικών Μηχανημάτων και Μεθοδολογίας Σχεδιασμού & Κατασκευής Βιοϊατρικών Συσκευών.

- Απρίλιος 2014 – Μάρτιος 2018. Αναπληρωτής Καθηγητής στο τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας με διδασκαλία μαθημάτων Συντήρηση & Διασφάλιση

Ποιότητας Ιατρικών Μηχανημάτων, Οπτοηλεκτρονικής & Ιατρικών Laser και Μεθοδολογία Σχεδιασμού & Κατασκευής Βιοϊατρικών Συσκευών

- Μάρτιος 2018 – Σεπτέμβριος 2018. Αναπληρωτής Καθηγητής στο τμήμα Μηχανικών Βιοϊατρικής της Σχολής Μηχανικών του Πανεπιστημίου Δυτικής Αττικής με διδασκαλία μαθημάτων Συντήρηση & Διασφάλισης Ποιότητας Ιατρικών Μηχανημάτων, Οπτοηλεκτρονικής & Laser στην Ιατρική και Σχεδιασμού & Κατασκευής Βιοϊατρικών Συσκευών

- Σεπτέμβριος 2018 - Σήμερα. Καθηγητής στο τμήμα Μηχανικών Βιοϊατρικής της Σχολής Μηχανικών του Πανεπιστημίου Δυτικής Αττικής με διδασκαλία μαθημάτων Συντήρηση & Διασφάλισης Ποιότητας Ιατρικών Μηχανημάτων, Οπτοηλεκτρονικής & Laser στην Ιατρική, Αρχές Διοίκησης και Οικονομικής Επιστήμης για Μηχανικούς και Σχεδιασμού & Κατασκευής Βιοϊατρικών Συσκευών

Διαλέξεις στα πλαίσια της διδασκαλίας μαθημάτων στα ακόλουθα Προγράμματα Σπουδών:

- Συμμετοχή στη διδασκαλία του κατ' επιλογίν υποχρεωτικού μαθήματος «Πυρηνική Καρδιολογία» της Ιατρικής Σχολής του Πανεπιστημίου Αθηνών (κατά τα ακαδ. έτη 2008-12).

- Πανεπιστήμιο Πατρών, Σχολές επιστημών υγείας- θετικών επιστημών, τμήματα Ιατρικής-Φυσικής Διατμηματικό πρόγραμμα μεταπτυχιακών σπουδών στην Ιατρική Φυσική. Μάθημα «Βασικές Αρχές Πυρηνικής Ιατρικής στα πλαίσια των μαθημάτων «Φυσική της Διαγνωστικής Ακτινολογίας» και «Φυσική της Πυρηνικής Ιατρικής» κατά τα ακαδ. έτη 2012-Σήμερα.

- Προγράμματα Μεταπτυχιακών Σπουδών: Τεχνολογίες Πληροφορικής στην Ιατρική και Βιολογία-ΤΠΙΒ (ΕΚΠΑ, ΤΕΙ Αθήνας, ΙΙΒΕΑΑ, ΕΚΕΦΕ «Δημόκριτος»). Διάλεξη με τίτλο Φασματοσκοπία Δέρματος (στα πλαίσια του μαθήματος «Ιατρικά Απεικονιστικά Συστήματα») (ΤΠΙΒ). (κατά τα ακαδ. έτη 2011-14) *

* Σύμφωνα με τις αναθέσεις διδασκαλίας μαθημάτων των προαναφερθέντων προγραμμάτων η ανάθεση της διδασκαλίας των αντίστοιχων μαθημάτων έχει γίνει στον Καθηγητή Τ.Ε.Ι., κο Ιωάννη Κανδαράκη.

- Πρόγραμμα Μεταπτυχιακών Σπουδών: Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας, ΤΕΙ Αθήνας. Διαλέξεις με τίτλο: α) Σύγχρονες εξελίξεις στα διαθέσιμα Ηλεκτρονικά Εξαρτήματα στο Μάθημα «Βιοϊατρικά Ηλεκτρονικά και Ιατρική Οργανολογία, Εμβιο-μηχανική & Προσθετική», β) Φασματοσκοπεία Δέρματος στο Μάθημα «Επιστημονικές βάσεις Ιατρικής Απεικόνισης και Αναδυόμενες Τεχνολογίες» και γ) Εθνική και Ευρωπαϊκή Νομοθεσία. Διαδικασίες απαραίτητες για την πιστοποίηση Ιατροτεχνολ. Προϊόντος και Διαχείριση Δυσμενών Περιστατικών στα πλαίσια του μαθήματος «Διασφάλιση Ποιότητας ΒΙΤ, Βιομηχανική Ιδιοκτησία, Τεχνικά Πρότυπα, Ιατρικά Πρωτόκολλα και Κατευθυντήριες Οδηγίες» συνολικά 10 ώρες, κατά τα ακαδ. έτη 2014-18.
- Πρόγραμμα Μεταπτυχιακών Σπουδών: Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία, Τμήμα Μηχανικών Βιοϊατρικής, Πανεπιστήμιο Δυτικής Αττικής. Διαλέξεις με τίτλο: α) Σύγχρονες εξελίξεις στα διαθέσιμα Ηλεκτρονικά Εξαρτήματα στο Μάθημα «Βιοϊατρικά Ηλεκτρονικά και Ιατρική Οργανολογία, Εμβιο-μηχανική & Προσθετική», β) Φασματοσκοπεία Δέρματος στο Μάθημα «Επιστημονικές βάσεις Ιατρικής Απεικόνισης και Αναδυόμενες Τεχνολογίες» και γ) Εθνική και Ευρωπαϊκή Νομοθεσία. Διαδικασίες απαραίτητες για την πιστοποίηση Ιατροτεχνολ. Προϊόντος και Διαχείριση Δυσμενών Περιστατικών στα πλαίσια του μαθήματος «Διασφάλιση Ποιότητας ΒΙΤ, Βιομηχανική Ιδιοκτησία, Τεχνικά Πρότυπα, Ιατρικά Πρωτόκολλα και Κατευθυντήριες Οδηγίες» συνολικά 10 ώρες, κατά τα ακαδ. έτη 2018-22.
- Πρόγραμμα Μεταπτυχιακών Σπουδών: «ΗΓΕΣΙΑ, ΚΑΙΝΟΤΟΜΙΑ ΚΑΙ ΠΟΛΙΤΙΚΕΣ ΑΞΙΑΣ ΣΤΗΝ ΥΓΕΙΑ»,. του Τμήματος Πολιτικών Δημόσιας Υγείας, της Σχολής Δημόσιας Υγείας του Πανεπιστημίου Δυτικής Αττικής. Διαλέξεις στο μάθημα του Β εξαμήνου «Διοικηση, Ανασχεδιασμος Λειτουργιων & Ποιοτητα Υπηρεσιων Υγειας», με τίτλο: «Διασφάλιση Ποιότητας στο Τμήμα Απεικόνισης», συνολικά 3 ώρες, κατά τα ακαδ. έτη 2020-21.
- Πρόγραμμα Μεταπτυχιακών Σπουδών: «ΗΓΕΣΙΑ, ΚΑΙΝΟΤΟΜΙΑ ΚΑΙ ΠΟΛΙΤΙΚΕΣ ΑΞΙΑΣ ΣΤΗΝ ΥΓΕΙΑ»,. του Τμήματος Πολιτικών Δημόσιας Υγείας, της Σχολής Δημόσιας Υγείας του Πανεπιστημίου Δυτικής Αττικής. Διαλέξεις στο μάθημα του Β εξαμήνου «Διοικηση, Ανασχεδιασμος Λειτουργιων & Ποιοτητα Υπηρεσιων Υγειας», με τίτλο:

«ISO Εφαρμογές σε Τμήματα Υπηρεσιών Υγείας, Οδηγός Εγκατάστασης σε Τμήμα», συνολικά 5 ώρες, κατά τα ακαδ. έτη 2021-22.

5.1. ΠΤΥΧΙΑΚΕΣ ΕΡΓΑΣΙΕΣ-ΔΙΔΑΚΤΟΡΙΚΕΣ ΔΙΑΤΡΙΒΕΣ

- Επίβλεψη πλήθους Πτυχιακών εργασιών στο Τεχνολογικό Εκπαιδευτικό Ίδρυμα Αθήνας (ΤΕΙ-Α), Σχολή Τεχνολογικών Εφαρμογών, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας (πρώην Τεχνολογίας Ιατρικών Οργάνων).
- Επίβλεψη οκτώ (8) Πτυχιακών εργασιών στο Πρόγραμμα Μεταπτυχιακών Σπουδών του Τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας του Τ.Ε.Ι Αθήνας (ΤΕΙ-Α)
- Επίβλεψη έξι (6) Πτυχιακών εργασιών στο Πρόγραμμα Μεταπτυχιακών Σπουδών του Τμήματος Μηχανικών Βιοϊατρικής του Πανεπιστημίου Δυτικής Αττικής (Πα.Δ.Α.)
- Επίβλεψη και συνεπίβλεψη δύο (2) Πτυχιακών εργασιών στο Πανεπιστήμιο Πατρών, Σχολές επιστημών υγείας-θετικών επιστημών, τμήματα Ιατρικής-Φυσικής Διατμηματικό πρόγραμμα μεταπτυχιακών σπουδών στην Ιατρική Φυσική. http://nemertes.lis.upatras.gr/jspui/handle/10889/9801 , https://nemertes.library.upatras.gr/items/1360b307-3b79-4f7b-ba94-3c11ee6ee5f1
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6. ΔΗΜΟΣΙΕΥΣΕΙΣ

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6.2 ΔΗΜΟΣΙΕΥΣΕΙΣ ΕΡΕΥΝΗΤΙΚΩΝ ΕΡΓΑΣΙΩΝ ΣΕ ΔΙΕΘΝΗ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ

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6.3. ΠΛΗΡΗΣ ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΠΡΑΚΤΙΚΑ (PROCEEDINGS) ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ

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23) Α. Χαμογεωργάκη, Χ. Μιχαήλ, Α. Σκουρολιάκου, Π. Λιαπαρίνος, Ι. Βαλαής, Γ. Φούντος, Ν. Καλύβας, Μέθοδος in-silico αξιολόγησης παραμέτρων απεικόνισης στη ψηφιακή μαστογραφία ακτίνων-Χ, 11ο Πανελλήνιο Συνέδριο Ακτινοτεχνολογίας, 14-16 Οκτωβρίου 2022, Καστοριά.

6.6. ΚΕΦΑΛΑΙΑ ΣΕ ΣΥΛΛΟΓΙΚΟΥΣ ΤΟΜΟΥΣ (ΠΡΟΕΡΧΟΜΕΝΑ ΑΠΟ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ)

1) C. M. Michail, I. G. **Valais**, A. Toutountzis, I. Seferis, M. Georgousis, G. Fountos, A. Samartzis, P. Liaparinos, I. S. Kandarakis and G.S. Panayiotakis, Efficiency of Gd_2O_2S:Eu Powder Phosphor as X-ray to Light Converter under Radiographic Imaging Conditions, WC 2009, IFMBE Proceedings 25/II,pp. 794-797, **2009**, (Eds) O. Dossel and W.C. Schegel.
2) C. M. Michail, I. G. **Valais**, I. E. Seferis, F. Stromatia, E. Kounadi, G. P. Fountos and I. S. Kandarakis, Experimental Evaluation of a High Resolution CMOS Digital Imaging Detector Coupled to Structured CsI Scintillators for Medical Imaging Applications, XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings Volume 41, **2014**, pp 471-474.
3) I. E. Seferis, S. L. David, C. M. Michail, A. Bakas, N. I. Kalivas, G. P. Fountos, G. S. Panayiotakis, K. Kourkoutas, I. S. Kandarakis and **I. G. Valais**, Light emission efficiency of $Gd_3Al_2Ga_3O_{12}$:Ce (GAGG:Ce) single crystal under X-ray radiographic conditions, XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings Volume 41, **2014**, pp 455-458.
4) V. Koukou, N. Martini, G. Fountos, P. Sotiropoulou, C. Michail, **I. Valais**, E. Kounadi, I. Kandarakis and G. Nikiforidis, Calcification Detection Optimization in Dual Energy Mammography: Influence of the X-ray spectra, XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings Volume 41, **2014**, pp 459-462.
5) P. Sotiropoulou, G. Fountos, N. Martini, V. Koukou, C. Michail, **I. Valais**, I. Kandarakis and G. Nikiforidis, X-ray spectra for bone quality assessment using energy dispersive counting and imaging detectors with dual energy method, XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings Volume 41, **2014**, pp 463-466.
6) D. Nikolopoulos, **I. Valais**, Panayotis H. Yannakopoulos, C. Michail, C. Fountzoula, A. Bakas,I. Kandarakis, G. Panayio takis, Luminescence Efficiency of Cadmium Selenide/Zinc Sulfide (CdSe/ZnS) Quantum Dot Nanoparticle Sensors Under X-Ray Excitation, Nuclear Radiation Nanosensors and Nanosensory Systems, Chapter 2, (**2016**) P.J. Kervalishvili, P.H. Yannakopoulos (eds.), DOI 10.1007/978-94-017-7468-0_5
7) Dionysios Linardatos, Vaia Koukou, Niki Martini, Anastasios Konstantinidis, Athanasios Bakas, George Fountos, Ioannis Valais and Christos Michail, On the Response of a Micro Non-Destructive Testing X-ray Detector, in Micro Non-Destructive Testing and Evaluation, 2022, Giovanni Bruno (Ed.), ISBN 978-3-0365-6179-0 (Hbk); ISBN 978-3-0365-6180-6 (PDF) https://doi.org/10.3390/books978-3-0365-6180-6
8)

6.7. ΠΡΟΣΚΕΚΛΗΜΕΝΟΣ ΟΜΙΛΗΤΗΣ

1) **Ι. Βαλαής,** Μετρήσεις Απόδοσης και Οπτικών Χαρακτηριστικών σε Σπινθηριστές Συστημάτων Ιατρικής Απεικόνισης, Σάββατο 17 Μαρτίου **2007**, MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (15-18 Μαρτίου 2007), Ολυμπιακό Κέντρο Ελληνικού, Αθήνα.
2) Χ. Μιχαήλ**,** Β. Σπυροπούλου, **Ι. Βαλαής**, Σ. Δαυίδ, Α. Τουτουτζής, Ι. Κανδαράκης, Πειραματική και θεωρητική διερεύνηση αντικειμενικών χαρακτηριστικών ποιότητας εικόνας σε απεικονιστικά συστήματα (DOG, MTF, NPS, DQE), Σάββατο, 29 Μαρτίου **2008**, MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (27-30 Μαρτίου 2008), Ολυμπιακό Κέντρο Ελληνικού, Αθήνα.
3) **Ι. Βαλαής**, Χ. Μιχαήλ, Μετρήσεις απόδοσης και οπτικών χαρακτηριστικών σε σπινθηριστές συστημάτων Ιατρικής Απεικόνισης, Σάββατο, 29 Μαρτίου **2008**, MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (27-30 Μαρτίου 2008), Ολυμπιακό Κέντρο Ελληνικού, Αθήνα.
4) **I. Valais**, P. Xydias. "Detectors for imaging in Radiation Therapy". Invited Speech, 3rd International Conference on Experiments/Process/System Modelling/Simulation & Optimization (3rd IC-EpsMsO) Athens, 8-11 July, 2009.
5) **Ι Βαλαής,** Σύγχρονες τεχνολογικές εξελίξεις στους Ψηφιακούς Ανιχνευτές Ιατρικής Απεικόνισης: Τομογραφία εκπομπής απλού φωτονίου-SPECT , Σάββατο, 4 Απριλίου **2009**, Στρογγυλές τράπεζες, Απεικόνιση Μαστού: τεχνικές βελτιώσεις-συγκρίσεις διαγνωστικών αποτελεσμάτων. Συντονιστής: Ι. Κανδαράκης, MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (3-5 Απριλίου 2009), Ολυμπιακό Κέντρο Ελληνικού, Αθήνα.
6) Ματζούνης Χ., **Βαλαής Γ**, Κατασκευή Αυτοματοποιημένης Τράπεζας Τομογράφου, Ομιλία Επισκόπησης, Σάββατο 26 Φεβρουαρίου **2011**, «Ημερίδα Τμήματος Τεχνολογίας Ιατρικών Οργάνων» MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (25-27 Φεβρουαρίου 2011), Expo Athens, Ανθούσα, Αθήνα.
7) Σταυρίδης Κ., **Βαλαής Γ**, Έλεγχος Κίνησης Τομογραφικού Ικριώματος, Ομιλία Επισκόπησης, Σάββατο 26 Φεβρουαρίου **2011**, «Ημερίδα Τμήματος Τεχνολογίας Ιατρικών Οργάνων» MEDICEXPO (International Exhibition of Medical & Hospital Machinery & Equipment, Consumptions and Services/ Διεθνής Έκθεση Ιατρικών Νοσοκομειακών μηχανημάτων & εξοπλισμού εφόδια και υπηρεσίες) (25-27 Φεβρουαρίου 2011), Expo Athens, Ανθούσα, Αθήνα.
8) I. Kandarakis, I. **Valais**, G. Fountos, N. Kalyvas, P. Liaparinos, **C. Michail**, S. David, Medical Image Science through luminescence (MISCIRLU project), Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences (BIOMEP 2015), June 18-20, **2015**, Athens, Greece
9) Ι. Βαλαής. Πρότυπα μέτρησης ηλεκτρικής ασφάλειας σε ιατροτεχνολογικό εξοπλισμό: Διάκριση μεταξύ IEC 60601-1 και IEC 62353, 1ο Πανελλήνιο Συνέδριο Ιατρικής Φυσικής, 23-25 Σεπτεμβρίου 2022, Αθήνα. https://pcmp2022.efie.gr/wp-content/uploads/2022/09/1o_psif_programma_MK_23_09_2022.pdf

7. ΓΝΩΣΕΙΣ ΠΛΗΡΟΦΟΡΙΚΗΣ - Η/Υ

- Πολύ καλή γνώση λειτουργικών συστημάτων MS Windows XP/2000/Vista/7/10, LINUX, OS/2 και MS-DOS.
- Πολύ καλή γνώση προγραμμάτων επεξεργασίας κειμένου MS-Word και υπολογιστικών φύλλων MS-Excel, προγράμματος παρουσιάσεων MS-PowerPoint και προγραμμάτων επεξεργασίας Ιατρικών Εικόνων (Dicom-3, ImageJ etc).
- Πολύ καλή γνώση γλωσσών προγραμματισμού Visual Basic και C^{++} . Εμπειρία σε προγράμματα εφαρμογών όπως AutoCAD, OS2-Warp , UNIX για επεξεργασία εικόνας και EAGLE, ISIS Proteus, για σχεδιασμό πρωτότυπων κυκλωμάτων και ηλεκτρονικών προσομοιώσεων.

8. ΞΕΝΕΣ ΓΛΩΣΣΕΣ

ΑΓΓΛΙΚΗ:
Βεβαίωση: Γλωσσικής Επάρκειας από το Εργαστήριο Ξένων Γλωσσών του Πανεπιστημίου Αμπερντήν, Σκοτία, Ην. Βασίλειο (15-10-1991) για παρακολούθηση κανονικών μαθημάτων του Πανεπιστημίου στην Αγγλική Γλώσσα
ΓΑΛΛΙΚΗ: Ικανοποιητικά

9. ΕΠΙΜΟΡΦΩΣΗ-ΕΚΠΑΙΔΕΥΣΕΙΣ-ΣΕΜΙΝΑΡΙΑ

3 - 13.11.1992 Elscint / Χάιφα, Ισραήλ.
Εκπαίδευση στη λειτουργία και συντήρηση των γ΄camera και υπερηχοτομογράφων Elscint.

5 - 25.02.1993 Elscint / Χάιφα, Ισραήλ.
Εκπαίδευση στη λειτουργία και συντήρηση των γ΄camera, CT και MRI της Elscint.

3 - 08.11.1993 Trimedyne / Καλιφόρνια, U.S.A.
Εκπαίδευση στη λειτουργία και συντήρηση των Χειρουργικών Laser Trimedyne.

13 - 18.05.1995 Baxter / Βρυξέλες, Βέλγιο.
Εκπαίδευση στη λειτουργία και συντήρηση των μηχανημάτων περιτοναϊκής κάθαρσης της Baxter.

20 - 31.08.1995 Elscint / Χάιφα, Ισραήλ.
Εκπαίδευση στη λειτουργία και συντήρηση των γ΄camera, CT και MRI της Elscint.

28.4 - 23.5.1996 Elscint / Χάιφα, Ισραήλ.
Εκπαίδευση στη λειτουργία και συντήρηση των γ΄camera, CT και MRI της Elscint.

14.2 - 21.2.1998 Trimedyne / Καλιφόρνια, U.S.A.
Εκπαίδευση στη λειτουργία και συντήρηση νέων μοντέλων Χειρουργικών Laser Trimedyne.

5.9 - 20.9.1998 Elscint / Χάιφα, Ισραήλ.
Εκπαίδευση στη λειτουργία και συντήρηση νέων μοντέλων γ΄camera, της Elscint.

18.4 - 25.4.1999 Picker GmbH.
Εκπαίδευση στη λειτουργία και συντήρηση νέων μοντέλων γ'camera, της Picker.

10.7 - 10.8.1999 Picker International Inc/ Cleveland, Ohio, U.S.A.
Εκπαίδευση στη λειτουργία και συντήρηση νέων μοντέλων γ'camera, της Picker.

22 - 23.09.1999 Baxter / Βρυξέλες, Βέλγιο.
Τεχνική Εκπαίδευση στη λειτουργία και συντήρηση των μηχανημάτων περιτοναϊκής κάθαρσης της Baxter.

01 - 05.06.1999 Diophar A.E.- ALTHIN-Sweden
Τεχνική Εκπαίδευση στη λειτουργία και συντήρηση των μηχανημάτων αιμοκάθαρσης System1000 & TINA της Althin διάρκειας 35 ωρών

15 - 16.02.2000 Diophar A.E.- Picker International - Picker EMO
Εκπαίδευση στο κλινικό λειτουργικό των μηχανημάτων Πυρηνικής Ιατρικής της Picker.

01 – 09.06.2000 Picker International Inc/ Cleveland, Ohio, U.S.A.
Εκπαίδευση στη λειτουργία και συντήρηση νέων μοντέλων γ'camera, της Picker.

08.07 - 16.10.2000 Diophar A.E.- AMACON
Εκπαιδευτικό Σεμινάριο Πωλήσεων διάρκειας 80 ωρών.

05.02 - 10.02.2003 Diophar A.E.- BAXTER S.A.
Τεχνική Εκπαίδευση στη λειτουργία και συντήρηση των Αντλιών Έχγυσης Υγρών της Baxter

10. ΔΙΟΙΚΗΤΙΚΟ ΕΡΓΟ

10.1. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΚΛΕΚΤΟΡΙΚΑ

Συμμετείχα κατόπιν αποφάσεως του Συμβουλίου του ΤΕΙ Αθήνας στα κάτωθι εκλεκτορικά :

1. Μονιμοποίησης του κ. Γεώργιου Φούντου στη βαθμίδα του Επίκουρου Καθηγητή, σύμφωνα με την Απόφαση Συμβουλίου ΤΕΙ 7/17-2-2010.
2. Πλήρωσης μίας (1) θέσης ΕΠ στη βαθμίδα Καθηγητή Εφαρμογών του Β' τομέα Μαθημάτων «Βιοιατρικής Μηχανικής & Ηλεκτροεπιστήμης» σύμφωνα με την Απόφαση Συμβουλίου ΤΕΙ 9/27-05-2010.
3. Μονιμοποίησης του κ. Γεώργιου Λούντου στη βαθμίδα του Επίκουρου Καθηγητή, σύμφωνα με την Απόφαση Συμβουλίου ΤΕΙ 23/08-06-2011.
4. Εξέλιξης του κ. Παναγιώτη Λιαπαρίνου στη βαθμίδα του Επίκουρου Καθηγητή, με γνωστικό αντικείμενο «Αξιολόγηση φθοριζόντων υλικών ιατρικής απεικόνισης μέσω της ανάπτυξης αριθμητικών μεθόδων προσομοίωσης» σύμφωνα με την αρ. 3/12-07-2013 Πράξη του Συμβουλίου ΤΕΙ Αθήνας
5. Πλήρωσης μίας (1) θέσης ΕΠ στη βαθμίδα Επίκουρου Καθηγητή στο τμήμα Βιοϊατρική Τεχνολογίας, με γνωστικό αντικείμενο «Ψηφιακή Ανάλυση Ιατρικής Εικόνας» Κωδικός ΑΠΕΛΛΑ 00001557211
6. Πλήρωσης μίας (1) θέσης ΕΠ στη βαθμίδα Επίκουρου Καθηγητή στο τμήμα Ηλεκτρονικών Μηχανικών Τ.Ε., με γνωστικό αντικείμενο «Μεθοδοι Αναλυσης Ψηφιακων Δεδομενων με Εφαρμογες στην Ηλεκτρονικη και Βιοϊατρικη Τεχνολογια» Κωδικός ΑΠΕΛΛΑ 00001556814
7. Μονιμοποίησης του κ. Ιωάννη Καλατζή στη βαθμίδα του Επίκουρου Καθηγητή, με γνωστικό αντικείμενο «Προγραμματισμός Η/Υ στην Επεξεργασία Σήματος και Εικόνας» σύμφωνα με την αρ. 06/04-05-2017 απόφαση της Γενικής Συνέλευσης Ειδικής Σύνθεσης του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε.. Κωδικός ΑΠΕΛΛΑ ΑΡΡ 1865
8. Μονιμοποίησης του κ. Δημήτριου Γκλώτσου στη βαθμίδα του Επίκουρου Καθηγητή, με γνωστικό αντικείμενο «Σχεδιασμός και Κατασκευή Συστημάτων Ανάλυσης Εικόνας στην Τεχνολογία Ιατρικών Οργάνων» σύμφωνα με την αρ. 04/29-05-2017 απόφαση της Γενικής Συνέλευσης Ειδικής Σύνθεσης του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε.. Κωδικός ΑΠΕΛΛΑ ΑΡΡ 2021.
9. Μονιμοποίησης του κ. Ασβεστά Παντελεήμονα στη βαθμίδα του Επίκουρου Καθηγητή, με γνωστικό αντικείμενο «Πληροφοριακά Συστήματα Υγείας» σύμφωνα με την αρ. 04/29-05-2017 απόφαση της Γενικής Συνέλευσης Ειδικής Σύνθεσης του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε.. Κωδικός ΑΠΕΛΛΑ ΑΡΡ 1866
10. Μονιμοποίησης του κ. Καλύβα Νεκτάριου στη βαθμίδα του Επίκουρου Καθηγητή, με γνωστικό αντικείμενο «Φυσικη των Συστηματων Ιατρικης Απεικονισης με Ιοντιζουσες Ακτινοβολιες» στο τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε. Κωδικός ΑΠΕΛΛΑ ΑΡΡ 4335
11. Πλήρωσης μίας (1) θέσης Δ.Ε.Π στη βαθμίδα Καθηγητή Α Βαθμίδας στο τμήμα Βιοϊατρικών Επιστημών της Σχολής Επιστημών Υγείας και Πρόνοιας του Πανεπστημίου Δυττικής Αττικής, με γνωστικό αντικείμενο «Κλινική Ακτινολογία – Μαγνητική Τομογραφία» Κωδικός ΑΠΕΛΛΑ ΑΡΡ 7930.
12. Πλήρωσης μίας (1) θέσης Δ.Ε.Π στη βαθμίδα Καθηγητή Α Βαθμίδας στο τμήμα Βιοϊατρικών Επιστημών της Σχολής Επιστημών Υγείας και Πρόνοιας του Πανεπστημίου Δυττικής Αττικής, με γνωστικό αντικείμενο «Ακτινολογία» Κωδικός ΑΠΕΛΛΑ ΑΡΡ 4317

10.2. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΤΡΟΠΕΣ

1. Μέλος στην επιτροπή παραλαβής Αναλωσίμων Υλικών Εκπαίδευσης & Ειδών Εξοπλισμού του τμήματος ΤΙΟ, σύμφωνα με την Απόφαση Συμβουλίου ΤΕΙ 1/11-01-2006 (3 έτη).
2. Μέλος στην επιτροπή παραλαβής Αναλωσίμων Υλικών Εκπαίδευσης & Ειδών Εξοπλισμού του τμήματος Μηχανικών Βιοιατρικής Τεχνολογίας Τ.Ε., σύμφωνα με την Απόφαση Συνέλευσης ΤΕΙ 30/18-12-2014
3. Μέλος στην επιτροπή παραλαβής Αναλωσίμων Υλικών Εκπαίδευσης & Ειδών Εξοπλισμού του τμήματος Μηχανικών Βιοιατρικής Τεχνολογίας Τ.Ε., σύμφωνα με την Απόφαση Συνέλευσης ΤΕΙ 30/18-12-2015
4. Μέλος στην επιτροπή παραλαβής Αναλωσίμων Υλικών Εκπαίδευσης & Ειδών Εξοπλισμού του τμήματος Μηχανικών Βιοιατρικής Τεχνολογίας Τ.Ε., σύμφωνα με την Απόφαση Συνέλευσης ΤΕΙ 30/18-12-2016
5. Μέλος στην επιτροπή παραλαβής Αναλωσίμων Υλικών Εκπαίδευσης & Ειδών Εξοπλισμού του τμήματος Μηχανικών Βιοιατρικής Τεχνολογίας Τ.Ε., σύμφωνα με την Απόφαση Συνέλευσης ΤΕΙ 309/16-1-2017 (ετήσια)

6. Μέλος στη επιτροπή αξιολόγησης για τη Διενέργεια Πρόχειρου Μειοδοτικού Διαγωνισμού για την προμήθεια εργαστηριακού εξοπλισμού στην Σχολή Τεχνολογικών Εφαρμογών, σύμφωνα με την Απόφαση Συμβουλίου ΤΕΙ 11/09-03-2011.
7. Αναπληρωτής Εκπρόσωπος του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας, της Σχολής Τεχνολογικών Εφαρμογών στην Επιτροπής Διαχείρισης του Ειδικού Λογαριασμού Κονδυλίων και Έρευνας του Τ.Ε.Ι. Αθήνας, Αρ. 2640/23-3-2016
8. Αναπληρωτής Εκπρόσωπος, της Σχολής Τεχνολογικών Εφαρμογών στις εκλογές για την ανάδειξη Αντιπροέδρου για την Επιτροπή Διαχείρισης του Ειδικού Λογαριασμού Κονδυλίων και Έρευνας του Τ.Ε.Ι. Αθήνας, Αρ. 2941/1-4-2016
9. Πρόεδρος της Επιτροπής ΟΜΕΑγια τη σύνταξη της έκθεσης εσωτερικής αξιολόγησης του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε. για τα Ακαδημαικά έτη 2014-2016
10. Πρόεδρος της Επιτροπής Αξιολόγησης για την υποβολή προτάσεων προς σύναψη σύμβασης μίσθωσης έργου ιδιωτικού δικαίου «Πολυκαναλικό Μικροκυματικό Ραδιόμετρο για Μετρήσεις Θερμοκρασίας του Εσωτερικού του Ανθρώπινου Σώματος» κωδικός ΓΓΕΤ 12CHN181
11. Πρόεδρος της Επιτροπής Αξιολόγησης για την υποβολή προτάσεων προς σύναψη σύμβασης μίσθωσης έργου ιδιωτικού δικαίου στα πλαίσια του έργου με τίτλο «Medical Image SCIence through Luminescence (MISCIRLU)» της πράξης «ΑΡΙΣΤΕΙΑ»
12. Μέλος στην επιτροπή για τον καθορισμό κριτηρίων για τον αριθμό εισακτέων στη Σχολή Τεχνολογκών Εφαρμογών
13. Αναπληρωματικό μέλος της Επιτροπής Αξιολόγησης Προτάσεων προς σύναψη σύμβασης μίσθωσης έργου ιδιωτικού δικαίου για την παροχή επιστημονικής υποστήριξης στο σχεδιασμό, την οργάνωση και την υλοποίηση δράσεων εκπαίδευσης στο πλαίσιο λειτουργίας του Ινστιτούτου Δια Βίου Εκπαίδευσης (ΙΔΒΕ), με κωδικό έργου 80199.
14. Αναπληρωματικό μέλος της Επιτροπής Ενστάσεων για προσκλήσεις εκδήλωσης ενδιαφέροντος προσωπικού για όλα τα έργα βάσει του Νόμου 4485/2017.
15. Μέλος της Επιτροπής Εξωτερικής Αξιολόγησης (ΕΕΑ) για τη διαδικασία αξιολόγησης-πιστοποίησης προγράμματος σπουδών στον τομέα της Ραδιογραφίας, “Radiographic Technology (3 Years / 180 ECTS, Higher Diploma)" του ιδιωτικού ιδρύματος Ανώτερης Εκπαίδευσης "Intercollege Larnaca.
16. Αξιολογητής σε Ερευνητικές Προτάσεις ΕΔΒΜ34, σύμφωνα με την πρόσκληση Αρ. 1914/Υ1, 9-3-2017.
17. Πρόεδρος της Επιτροπής Αξιολόγησης για την υποβολή προτάσεων προς σύναψη δύο συμβάσεων μίσθωσης έργου ιδιωτικού δικαίου με δύο εξωτερικούς συνεργάτες για τις ανάγκες του έργου με τίτλο «TRIMAGE – Κατανομή Εθνικής Συμμετοχής», με κωδικό έργου 80386 και με Επιστημονικό Υπεύθυνο τον κ. Γ. Λούντο
18. Πρόεδρος της τριμελούς Επιτροπής Ενστάσεων και Προσφυγών του Συνοπτικού διαγωνισμού 825/2018 για την «Προμήθεια εργαστηριακών μετρητικών διατάξεων για τα εκπαιδευτικά Τμήματα του ΤΕΙ Αθήνας» στο πλαίσιο του υποέργου 7 του έργου με τίτλο «ΕΠΙΧΟΡΗΓΗΣΗ ΤΟΥ ΕΛΚΕ Τ.Ε.Ι. ΑΘΗΝΑΣ ΓΙΑ ΤΗΝ ΥΛΟΠΟΙΗΣΗ ΤΟΥ ΕΡΓΟΥ ΕΚΣΥΓΧΡΟΝΙΣΜΟΣ ΤΩΝ ΑΚΑΔΗΜΑΪΚΩΝ ΥΠΟΔΟΜΩΝ ΤΟΥ Τ.Ε.Ι. ΑΘΗΝΑΣ» με κωδικό έργου 80479 και με Επιστημονικό Υπεύθυνο τον κ. Γ. Λιβανό
19. Μέλος της Επιτροπής για την Διακήρυξη Συνοπτικού διαγωνισμού 1501/2018 με κριτήριο κατακύρωσης την πλέον συμφέρουσα από οικονομικής άποψης προσφορά με βάση μόνο την τιμή για την «Προμήθεια ενός συστήματος Οπτικής Τομογραφίας Συνοχής (OCT)» στο πλαίσιο του έργου με τίτλο «Έργα στήριξης της Διοίκησης του ΤΕΙ Αθήνας» με εκτιμώμενη άξια 40.000,00 € (πλέον Φ.Π.Α.) με κωδικό έργου 80351 και με Επιστημονικό Υπεύθυνο τον κ. Σ. Σούλη.
20. Πρόεδρος της Επιτροπής ΟΜΕΑ για τη σύνταξη της έκθεσης εσωτερικής αξιολόγησης του τμήματος Μηχανικών Βιοϊατρικής για τα Ακαδημαικά έτη 2019-2022.
21. Διευθυντής του Β Τομέα Μαθημάτων «Βιοϊατρικής Τεχνολογίας» του τμήματος Μηχανικών Βιοϊατρικής του Πανεπιστημίου Δυττικής Αττικής, για τα Ακαδημαικά έτη 2018-2021

10.3. ΑΚΑΔΗΜΑΙΚΕΣ ΥΠΕΥΘΥΝΟΤΗΤΕΣ

2006-2010 Ακαδημαϊκός Υπεύθυνος για την κινητικότητα σπουδαστών σε Ευρωπαϊκές Χώρες υπό την αιγίδα των Ευρωπαϊκών Προγραμμάτων LEONARDO DA VINCI, ERASMUS MUNDUS, LLP ERASMUS etc. σύμφωνα με τις Αποφάσεις Συμβουλίου ΤΕΙ 28/06-09-2006 & 11/17-03-2010.

2014-2015 Αναπληρωτής Υπεύθυνος του Β Τομέα Μαθημάτων «Βιοϊατρικής Μηχανικής και Ηλεκτροεπιστήμης» του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας, της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας.

2015-2016 Αναπληρωτής Υπεύθυνος του Β Τομέα Μαθημάτων «Βιοϊατρικής Μηχανικής και Ηλεκτροεπιστήμης» του τμήματος Μηχανικών Βιοϊατρικής Τεχνολογίας, της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας.
2014-2018 Συντονιστής του μαθήματος «Διασφάλιση Ποιότητας ΒΙΤ, Βιομηχανική Ιδιοκτησία, Τεχνικά Πρότυπα, Ιατρικά Πρωτόκολλα και Κατευθυντήριες Οδηγίες» του Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία» που διοργανώνει το τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε. της Σχολής Τεχνολογικών Εφαρμογών του Τ.Ε.Ι. Αθήνας.
2018-2020 Συντονιστής του μαθήματος «Διασφάλιση Ποιότητας ΒΙΤ, Βιομηχανική Ιδιοκτησία, Τεχνικά Πρότυπα, Ιατρικά Πρωτόκολλα και Κατευθυντήριες Οδηγίες» του Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία» που διοργανώνει το τμήμα Μηχανικών Βιοϊατρικής της Σχολής Μηχανικών του Πανεπιστημίου Δυτικής Αττικής.
2020-2022 Συντονιστής του μαθήματος «Διασφάλιση Ποιότητας ΒΙΤ, Βιομηχανική Ιδιοκτησία, Τεχνικά Πρότυπα, Ιατρικά Πρωτόκολλα και Κατευθυντήριες Οδηγίες» του Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία» που διοργανώνει το τμήμα Μηχανικών Βιοϊατρικής της Σχολής Μηχανικών του Πανεπιστημίου Δυτικής Αττικής
2014-2018 Υπεύθυνος οικονομικής διαχείρισης του ΠΜΣ με τίτλο «Προηγμένα συστήματα και μέθοδοι στην βιοϊατρική τεχνολογία» Αρ. Πρακτ. ΕΛΚΕ 20/02-10-14
2014-2016 Διευθυντής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αποφ. Αρ. 1096/9-9-2014 Αρ. Έργου Rescom 60077.
2016-2018 Διευθυντής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αποφ. Αρ. 893/26-9-2016. Αρ. Έργων Rescom 60390 & 60455
2018-2020 Διευθυντής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αρ. Έργου Rescom 60500.
2020-2022 Διευθυντής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αρ. Έργου Rescom 60500.
2014-2016 Πρόεδρος της Συντονιστικής Επιτροπής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αποφ. Αρ. 1121/12-9-2014.
2016-2018 Πρόεδρος της Συντονιστικής Επιτροπής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία», για δύο έτη, Αποφ. Αρ. 893/26-9-2016.
2018-2020 Πρόεδρος της Συντονιστικής Επιτροπής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία».
2020-2022 Πρόεδρος της Συντονιστικής Επιτροπής του αυτοδύναμου Προγράμματος Μεταπτυχιακών Σπουδών με τίτλο «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία».

ΠΑΡΑΡΤΗΜΑ: ΚΑΤΑΛΟΓΟΣ ΑΝΑΦΟΡΩΝ

Αναφορές σύμφωνα με τα συστήματα Scopus Citation Index και Google Scholar.
Αναφορές Σύνολο : 1569 (Google Scholar)
Ετεροαναφορές Σύνολο: 546
h-index*:24
i10-index:47**

*h-index είναι ο μεγαλύτερος αριθμός h, ώστε οι δημοσιεύσεις h περιέχουν τουλάχιστον h παραθέματα.
**i10-index είναι ο αριθμός των δημοσιεύσεων που περιλαμβάνουν τουλάχιστον 10 παραθέσεις.

Αναφορές Σύνολο : 1196 (Scopus)
h-index*:21
Ετεροαναφορές Σύνολο: 684
h-index*:12

[1] Luminescence emission properties of (Lu, Y)2SiO5:Ce (LYSO:Ce) and (Lu, Y)AlO3:Ce (LuYAP:Ce) single crystal scintillators under medical imaging conditions
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10) A comparative investigation of Ce^{3+} doped single crystal scintillators covering radiotherapy and PET/CT imaging conditions Valais, I.G., Michail, C.M., David, S.L., Toutountzis, A.E., Fountos, G.P., Paschalis, T.V., Kandarakis, I.S., Panayiotakis, G.S. **2008** *IEEE Nuclear Science Symposium Conference Record* , art. no. 4774335, pp. 4887-4890
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[2] Light emission efficiency and imaging properties of YAP:Ce granular phosphor screens
Kalivas, N., Valais, I., Nikolopoulos, D., Konstantinidis, A., Gaitanis, A., Cavouras, D., Nomicos, C.D., (...), Kandarakis, I. 2007 Applied Physics A: Materials Science and Processing 89 (2), pp. 443-449
(Αναφορές: 15)

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