

# Βιογραφικό σημείωμα

Γκλώτσου Δημητρίου

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Όνοματεπώνυμο: Δημήτριος Γκλώτσος

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**Σημερινή Ιδιότητα:** Αναπληρωτής Καθηγητής, Τμήμα Μηχανικών Βιοϊατρικής, Πανεπιστήμιο Δυτικής Αττικής (<https://bme.uniwa.gr/profile/dimglo/>).

## 1. ΕΚΠΑΙΔΕΥΣΗ

1.1	2002-2006	<b>ΔΙΔΑΚΤΟΡΙΚΟ (PhD)</b> - Διατμηματικό Μεταπτυχιακό Πρόγραμμα στην Ιατρική Φυσική, Τμήμα Ιατρικής – Τμήμα Φυσικής, Πανεπιστήμιο Πατρών
1.2	2000-2002	<b>ΜΕΤΑΠΤΥΧΙΑΚΟ (MSc)</b> - Διατμηματικό Μεταπτυχιακό Πρόγραμμα στην Ιατρική Φυσική, Τμήμα Ιατρικής – Τμήμα Φυσικής, Πανεπιστήμιο Πατρών
1.3	1995-2000	<b>ΠΤΥΧΙΟ (BSc)</b> - Μηχανικός Τεχνολογίας Ιατρικών Οργάνων. Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε. (πρώην Τεχνολογίας Ιατρικών Οργάνων), Σχολή Τεχνολογικών Εφαρμογών, Τεχνολογικό Εκπαιδευτικό Ίδρυμα (ΤΕΙ) Αθήνας

## 2. ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

2.1	2019-2020	<b>Συντονιστής:</b> Ερευνητικό Πρόγραμμα Deep learning algorithms for molecular imaging applications. Υποστηριξη ερευνητών με έμφαση στους νέους ερευνητές <i>1 χρόνος και 3 μήνες</i>
2.2	2015-2017	<b>Συντονιστής και κύριος ερευνητής:</b> (08.10.2015 – 31.06.2017). Ερευνητικό Πρόγραμμα στο πλαίσιο του εσωτερικού προγράμματος «Ενίσχυση Ερευνητών του ΤΕΙ Αθήνας για το έτος 2015»: Υπολογιστικά μοντέλα για την προσομοίωση εικόνων μικροσκοπίας. <i>1 χρόνος και 7 μήνες</i>
2.3	2014-2015	<b>Κύριος ερευνητής:</b> (10.07.2014 – 30.09.2015). Ερευνητικό Πρόγραμμα στα πλαίσια των δράσεων Διμερής Ε&Τ Συνεργασία Ελλάδας- Ισραήλ 2013-2015: MAPK1 – A Decision Support System for the early detection of melanoma <i>1 χρόνος και 2.5 μήνες</i>
2.4	2012-2014	<b>Κύριος ερευνητής:</b> (01.03.2012 – 31.12.2014). Ερευνητικό Πρόγραμμα ΑΡΧΙΜΗΔΗΣ III: Innovative computer-aided decision making system, combining mammographic, histological and cytological image data, for improving breast cancer clinical management. <i>2 χρόνια και 9 μήνες</i>
2.5	2012-2014	<b>Ερευνητής:</b> (01.09.2012 – 31.08.2014). Ερευνητικό Πρόγραμμα ΑΡΧΙΜΗΔΗΣ III: Protein mass spectrometry analysis for prostate cancer biomarkers identification <i>2 χρόνια</i>

2.6	2011-2013	<b>Επιστημονικός Συνεργάτης:</b> (12.04.2011 – 11.10.2011, 01.04.2012-01.10.2012, 08.10.2013-21.04.2014). Πρόγραμμα Πρακτικής Άσκησης, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας <i>1 χρόνος και 6 μήνες</i>
2.7	2008-2009	<b>Συντονιστής και κύριος ερευνητής:</b> (02.2008-01.2009). ΙΚΥ, Μεταδιδακτορική Έρευνα Ανάπτυξη στοχαστικού μαθηματικού μοντέλου για την προσομοίωση πειραμάτων ανάκτησης φθορισμού μετά από φωτολεύκανση με σκοπό την μελέτη των κινητικών ιδιοτήτων σημασμένων πρωτεϊνών <i>1 χρόνος</i>
2.8	2006	<b>Marie Curie Fellowship:</b> (01.02.2006-31.07.2006). Institute for Genomics and Bioinformatics, Graz University of Technology, Austria. Project 1: Fluorescence recovery after photo bleaching and stochastic mathematical modeling for analysis of binding kinetics. Project 2: Image processing methods in fluorescent in situ hybridization. <i>6 μήνες</i>
2.9	2004-2006	<b>Κύριος ερευνητής:</b> (1.02.2004–31.08.2006). Ερευνητικό Πρόγραμμα ΑΡΧΙΜΗΔΗΣ: Υπολογιστικό σύστημα αυτόματης διάγνωσης καρκίνου του θυρεοειδούς <i>2 χρόνια και 7 μήνες</i>
2.10	2005	<b>Ερευνητής:</b> (1.09.2005 – 31.12.2005). Ερευνητικό Πρόγραμμα ΑΡΧΙΜΗΔΗΣ: Ανάπτυξη συστήματος ταξινόμησης προκλητών δυναμικών και ενδοκρανιακών ρευμάτων με χρήση Μηχανών Διανυσμάτων Στήριξης (SVM) και Πιθανοκρατικών Νευρωνικών Δικτύων (PNN). <i>4 μήνες</i>
2.11	2002-2005	<b>Ερευνητής:</b> (08.11.2002 – 31.07.2003 και 01.09.2003 – 07.11.2005). Ερευνητικό Πρόγραμμα ΗΡΑΚΛΕΙΤΟΣ: Development of new machine learning methods for medical image processing and analysis. <i>2 χρόνια και 11 μήνες</i>
2.12	2003-2004	<b>Marie Curie Fellowship:</b> (15.09.2003-14.03.2004). Institute of Signal Processing, Tampere University of Technology, Finland. Project: Analysis of bioaffinity assay fluorescent signals. <i>6 μήνες</i>
2.13	2002	<b>Επιστημονικός Συνεργάτης:</b> (01.04.2002 – 31.07.2002 και 01.09.2002 – 07.11.2002). «Μελέτη για την υποδομή τεκμηρίωσης της Βιβλιοθήκης Γραμματειών και Υπολογιστικού Κέντρου» <i>6 μήνες και 7 μέρες</i>
2.14	2000-2001	<b>Επιστημονικός Συνεργάτης:</b> (01.12.2000 – 31.08.2001). «Προγράμματα Μεταπτυχιακών Σπουδών: Ιατρική Φυσική», Πανεπιστήμιο Πατρών. <i>9 μήνες</i>

### 3. ΕΚΠΑΙΔΕΥΤΙΚΗ ΕΜΠΕΙΡΙΑ

ΠΡΟΠΤΥΧΙΑΚΑ		
3.1	2018-σήμερα	<b>Αναπληρωτής Καθηγητής,</b> Τμήμα Μηχανικών Βιοϊατρικής, Πανεπιστήμιο Δυτικής Αττικής. Μαθήματα: 1. Επεξεργασία Ιατρικής Εικόνας 2. Συστήματα Υποστήριξης Απόφασης 3. Οπτική μικροσκοπία και ανάλυση βιολογικών εικόνων 4. Στοιχεία Κατασκευών και Μηχανών 5. Ιατρική οργανολογία 6. Τεχνική Μηχανική
3.2	2014-2018	<b>Επίκουρος Καθηγητής,</b> Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.

		<p>Μαθήματα:</p> <ol style="list-style-type: none"> <li>1. Επεξεργασία Ιατρικής Εικόνας</li> <li>2. Ιατρική οργανολογία βασισμένη σε μικροεπεξεργαστές</li> <li>3. Σχεδιασμός και Κατασκευή Ηλεκτρομηχανολογικών Συστημάτων Ι</li> <li>4. Σχεδιασμός και Κατασκευή Ηλεκτρομηχανολογικών Συστημάτων ΙΙ</li> <li>5. Τεχνική Μηχανική</li> </ol>
3.3	2013-2015	<p><b>Επίκουρος Καθηγητής</b>, Τμήμα Ακτινολογίας &amp; Ακτινοθεραπείας, ΤΕΙ Αθήνας</p> <p>Μαθήματα (Ακαδημαϊκά έτη 2013-2014 και 2014-2015):</p> <ol style="list-style-type: none"> <li>1. Ανάλυση Εικόνας</li> </ol>
3.4	2010-2014	<p><b>Καθηγητής Εφαρμογών</b>, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.</p> <p>Μαθήματα (Ακαδημαϊκά έτη 2010-2011, 2011-2012, 2012-2013 και 2013-2014):</p> <ol style="list-style-type: none"> <li>1. Επεξεργασία Ιατρικής Εικόνας</li> <li>2. Ιατρική οργανολογία βασισμένη σε μικροεπεξεργαστές</li> <li>3. Σχεδιασμός και Κατασκευή Ηλεκτρομηχανολογικών Συστημάτων Ι</li> <li>4. Σχεδιασμός και Κατασκευή Ηλεκτρομηχανολογικών Συστημάτων ΙΙ</li> </ol>
3.5	2007-2010	<p><b>Επιστημονικός Συνεργάτης</b>, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.</p> <p>Μαθήματα (Ακαδημαϊκά έτη 2007-2008, 2008-2009 και 2009-2010):</p> <ol style="list-style-type: none"> <li>1. Ιατρική οργανολογία βασισμένη σε μικροεπεξεργαστές</li> <li>2. Επεξεργασία Ιατρικού Σήματος και Εικόνας ΙΙ</li> <li>3. Τεχνολογία Ιοντιζουσών Ακτινοβολιών Ι, ΙΙ, ΙΙΙ</li> <li>4. Βιοϊατρική Τεχνολογία Ι</li> <li>5. Ιατρική Πληροφορική</li> <li>6. Προγραμματισμός Η/Υ Ι</li> </ol>
3.6	2001-2002	<p><b>Επικουρικό Έργο</b> στα πλαίσια του Προγράμματος -«Υποστήριξη εκπαιδευτικών και ερευνητικών δραστηριοτήτων του Τμήματος Ιατρικής»</p>

#### ΜΕΤΑΠΤΥΧΙΑΚΑ

3.6	2014-σήμερα	<p><b>Μεταπτυχιακό Πρόγραμμα Σπουδών «Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία»</b>, Τμήμα Μηχανικών Βιοϊατρικής, Πανεπιστήμιο Δυτικής Αττικής.</p> <p>Μαθήματα:</p> <ol style="list-style-type: none"> <li>1. Βιοϊατρικά Ηλεκτρονικά και Ιατρική Οργανολογία, Εμβιομηχανική, Προσθετικές Διατάξεις, <b>Συντονιστής Μαθήματος</b></li> <li>2. Αναδυόμενες Τεχνολογίες στη Σύγχρονη In Vitro Διαγνωστική, Μοριακή Βιολογία και Βιοπληροφορική,</li> <li>3. Αναδυόμενες Τεχνολογίες στη Σύγχρονη In Vivo Διαγνωστική, την Τηλεϊατρική και Εξατομικευμένη Ιατρική</li> <li>4. Προχωρημένες Μέθοδοι Ψηφιακής Επεξεργασίας Σήματος και Εικόνας</li> </ol>
3.7	2007-2014	<p><b>Μεταπτυχιακό Πρόγραμμα Σπουδών «Ιατρική Φυσική»</b>, Τμήμα Ιατρικής – Τμήμα Φυσικής, Πανεπιστήμιο Πατρών.</p> <p>Μαθήματα (Ακαδημαϊκά έτη 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013 και 2013-2014):</p> <ol style="list-style-type: none"> <li>1. Medical Image Processing</li> </ol>

#### 4. ΔΗΜΟΣΙΕΥΣΕΙΣ

<b>ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ ΚΑΙ ΣΥΝΕΔΡΙΑ</b> (Αναλυτικές λίστες στα Παραρτήματα Α + Β)		
Σε διεθνή επιστημονικά περιοδικά γνωσμένου κύρους με σύστημα κριτών	<b>58</b>	<b>50</b> σε περιοδικά με δείκτη απήχησης (Impact Factor)
		<b>1</b> υπό κρίση σε περιοδικό με δείκτη απήχησης
		<b>8</b> σε περιοδικά χωρίς δείκτη απήχησης
Σε πρακτικά διεθνών επιστημονικών συνεδρίων		<b>88</b>
Σε πρακτικά ελληνικών επιστημονικών συνεδρίων		<b>2</b>
h-index		<b>14</b>
Αναφορές (citations) (εξαιρουμένων των αυτό αναφορών)		<b>623</b>

#### 5. ΥΠΟΤΡΟΦΙΕΣ

5.1	2000-2001	<b>Υποτροφία Επίδοσης ΙΚΥ:</b> Υποτροφία καλύτερης επίδοσης μεταξύ των μεταπτυχιακών φοιτητών του Διατμηματικού Μεταπτυχιακού Προγράμματος Σπουδών «Ιατρική Φυσική» για το ακαδημαϊκό έτος 2000-2001
5.2	2001-2002	<b>Υποτροφία Επίδοσης ΙΚΥ:</b> Υποτροφία καλύτερης επίδοσης μεταξύ των μεταπτυχιακών φοιτητών του Διατμηματικού Μεταπτυχιακού Προγράμματος Σπουδών «Ιατρική Φυσική» για το ακαδημαϊκό έτος 2001-2002

#### 6. ΠΡΟΣΚΕΚΑΛΗΜΕΝΕΣ ΟΜΙΛΙΕΣ

6.1	2019	Trier University of Applied Sciences, Trier, Germany Speeches: 1. Biosignal Processing
6.2	2019	Polytechnic Institute of Porto (IPP), Porto, Portugal Speeches: 1. Medical Image Processing, 2. Computer-aided Diagnosis
6.3	2019	Universidad Rey Juan Carlos, Madrid, Spain Speeches: 1. Image Processing, 2. Decision Support Systems in Medicine
6.4	2018	24rd summer school "La Commande Avancee des Systemes et les Nouvelles Technologies Informatiques (CANTI-24) Bucharest, Romania Ομιλίες: 1. Medical Image Processing, 2. Computer-aided Diagnosis
6.5	2017	23rd summer school "La Commande Avancee des Systemes et les Nouvelles Technologies Informatiques (CANTI-23) Bucharest, Romania Ομιλίες: 1. Medical Image Processing, 2. Computer-aided Diagnosis
6.6	2017	Polytechnic Institute of Porto (IPP), Porto, Portugal Ομιλίες: 1. Medical Image Processing, 2. Computer-aided Diagnosis
6.7	2016	University of Wroclaw, Poland Ομιλίες: 1. Advances in light microscopy, 2. Medical Instrumentation
6.8	2016	GRIGORE T. POPA" University of Medicine and Pharmacy, Iasi, Romania Ομιλίες: 1. Advances in light microscopy, 2. Computer-aided Diagnosis
6.9	2015	Polytechnic Institute of Porto (IPP), Porto, Portugal Ομιλίες: 1. Medical Image Processing, 2. Computer-aided Diagnosis
6.10	2011	Graz University of Technology, Austria Ομιλίες: 1. Image segmentation algorithms in cDNA microarray images, 2. Classification of proteomic MS-spectra
6.11	2010	4th International Conference from Scientific Computing to Computational

		Engineering Ομιλία: Advances in medical microscopy and trends in microscope image processing
6.12	2006	European Congress of Radiology (ECR) Ομιλία: Practical applications and use of image processing for imaging professionals

## 7. ΚΡΙΤΗΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ - ΣΥΝΕΔΡΙΑ

7.1	ISSN: 0169-2607-Computer Methods and Programs in Biomedicine
7.2	ISSN: 0278-0232-Hematological Oncology
7.3	ISSN: 1861-6410-International Journal of Computer Assisted Radiology and Surgery
7.4	ISSN: 1471-2342-BMC Medical Imaging
7.5	ISSN: 0717-3458 Electronic Journal of biotechnology
7.6	ISSN: 0020-0255 Information Sciences
7.7	ISSN: 0010-4825 Computers in Biology and Medicine
7.8	ISSN: 1687-4153 EURASIP Journal on Bioinformatics and Systems Biology
7.9	ISSN: 0094-2405 Medical Physics
7.10	ISSN: 0094-2405 IEEE Signal Processing Letters
7.11	ISSN: 1471-2105 BMC Bioinformatics
7.12	ISSN: 0022-5193 Journal of Theoretical biology
7.13	ISSN: 2040-7947 Int Journal for Numerical Methods in Biomedical Engineering
7.14	ISSN: 1574-8936 Current Bioinformatics
7.15	ISSN: 1844-6035 Journal of Electrical and Electronics Engineering Research
7.16	ISSN: 1357-633X Journal of Telemedicine and Telecare
7.17	ISSN: 1386-5056 International Journal of Medical Informatics
7.18	ISSN: 0278-0062 IEEE Transactions on Medical Imaging
7.19	ISSN: 0933-3657 Artificial Intelligence in Medicine (AIIM)
7.20	ISSN: 1875-6603 Current Medical Imaging Reviews
7.21	ISSN: 02196220 International Journal of Information Technology & Decision Making
7.22	ISSN: 1574-3624 Current Signal Transduction Therapy
7.23	ISSN: 2168-2194 IEEE Journal of Biomedical and Health Informatics
7.24	ISSN: 2578-1588 AIMS Electronic Engineering
7.25	ISSN: 1368-2199 The imaging science journal
7.26	ISSN: 1748-6718 Computational and Mathematical Methods in Medicine
7.27	ISSN: 2398-6352 npj Digital Medicine
7.28	ISSN: 2001-0370: Computational and Structural Biotechnology Journal
7.29	ISSN 1099-4300: Entropy
7.30	19th Conference on Pattern Recognition, Tampa, USA, ICPR 2008
7.31	20th Conference on Pattern Recognition, Istanbul, Turkey, ICPR 2010
7.32	21th Conference on Pattern Recognition, Tsukuba Science City, JAPAN, ICPR 2012
7.33	7th Int Conf on Graphic and Image Processing (ICGIP), Beijing, Oct. 24-26, 2014
7.34	Int Conf Bio-Medical Instrumentation, related Engineering and Physical Sciences, 2013-2017
7.35	7th Int Conf on Graphic and Image Processing (ICGIP), Singapore Oct. 23-25, 2015
7.36	23rd International Conference on Pattern Recognition, Cancun, 04-08 December 2016
7.37	8th Int Conf on Graphic and Image Processing (ICGIP), Chengdu, China Dec. 12-14, 2018
7.38	24th International Conference on Pattern Recognition, Beijing, China, 20-24 August 2018
7.39	International Conference on Biological Information and Biomedical Engineering, July 6 to 8, 2018 Shanghai, China
7.40	25th International Conference on Pattern Recognition, Milan, Italy, 13-18 September 2020

## 8. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΕΠΙΤΡΟΠΕΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ ΚΑΙ ΣΥΝΕΔΡΙΑ

8.1	2010-σήμερα	Editorial review board member	International Journal of Systems Biology and Biomedical Technologies
8.2	2015	Scientific committee	Workshop on Bio-Medical Instrumentation and related Engineering and Physical Sciences (2015)
8.3	2013	Publication committee	Workshop on Bio-Medical Instrumentation and related Engineering and Physical Sciences (2013)
8.4	2012	Scientific committee	Workshop on Bio-Medical Instrumentation and related Engineering and Physical Sciences (2012)
8.5	2010	Chairman	Medical physics and image analysis session V ,4th Int Conference from Scientific Computing to Computational Engineering

## 9. ΚΡΙΤΗΣ ΣΕ ΧΡΗΜΑΤΟΔΟΤΟΥΜΕΝΑ ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

9.1	2013	ΕΠΕΑΕΚ	Κριτής στο 'Πρόγραμμα Δια Βίου Μάθησης ΑΕΙ για την Επικαιροποίηση Γνώσεων Αποφοίτων ΑΕΙ', στο θεματικό πεδίο Ιατρική, Φαρμακευτική, Βιοτεχνολογία
9.2	2015-2016	ΕΥΔΕ-ΕΤΑΚ	Δύο φορές κριτής σε προγράμματα της Ειδικής Υπηρεσίας Διαχείρισης και Εφαρμογής δράσεων στους τομείς Έρευνας, Τεχνολογικής Ανάπτυξης και Καινοτομίας (ΕΥΔΕ-ΕΤΑΚ)

## 10. ΔΙΟΙΚΗΤΙΚΗ ΕΜΠΕΙΡΙΑ ΣΤΟ ΤΜΗΜΑ ΜΗΧΑΝΙΚΩΝ ΒΙΟΪΑΤΡΙΚΗΣ ΚΑΙ ΣΤΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΔΥΤΙΚΗΣ ΑΤΤΙΚΗΣ

10.1	2014-σήμερα	Συντονιστική Επιτροπή	Μέλος της Συντονιστικής Επιτροπής του Μεταπτυχιακού Προγράμματος Σπουδών Προηγμένα Συστήματα και Μέθοδοι στη Βιοϊατρική Τεχνολογία, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.
10.2	2010-σήμερα	Πρόγραμμα ERASMUS+	Μέλος (2010-2015) και Ακαδημαϊκός Υπεύθυνος (2015-σήμερα) για το πρόγραμμα ανταλλαγής φοιτητών και εκπαιδευτικού προσωπικού ERASMUS+, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.
10.3	2010-σήμερα	Επιτροπή Πρακτικής Άσκησης	Μέλος της Επιτροπής Πρακτικής Άσκησης, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.
10.4	2015-σήμερα	Επιτροπή Αξιολόγησης εργαστηριακών και επιστημονικών συνεργατών	Μέλος της Επιτροπής Αξιολόγησης εργαστηριακών και επιστημονικών συνεργατών, Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε., ΤΕΙ Αθήνας.
10.5	2010	Μέλος Εκλεκτορικού	Συμμετοχή στο εκλεκτορικό σώμα που συγκροτήθηκε με την απόφαση 7/28.04.09 του Συμβουλίου του Τμήματος Βιοϊατρικής Τεχνολογίας του ΤΕΙ Αθήνας και συμπληρώθηκε από το Συμβούλιο ΤΕΙ Αθήνας με την υπ' αριθμ. 15/08.03.09 απόφασή του, για πλήρωση μιας (1) θέσης Ε.Π. Βαθμίδας Καθηγητή Εφαρμογών με ειδικότητα «Μηχανικού Τεχνολογίας Ιατρικών Οργάνων»
10.6	2016-σήμερα	Υπεύθυνος κατάρτισης	Υπεύθυνος κατάρτισης ωρολογίων προγραμμάτων και προγραμμάτων εξεταστικών περιόδων του Τμήματος

		προγραμμάτων	Βιοϊατρικής Τεχνολογίας του ΤΕΙ Αθήνας
10.7	2010-σήμερα	Μέλος Επιτροπών	Μέλος διαφόρων επιτροπών που ορίζονται από το ΤΕΙ Αθήνας για την αξιολόγηση πρόσληψης προσωπικού με σύμβαση έργου, την αξιολόγηση προσφορών για την προμήθεια αναλωσίμων και λοιπού εξοπλισμού, καταγραφής στατιστικών στοιχείων κ.α.

## 11. ΛΟΙΠΑ ΠΡΟΣΟΝΤΑ

11.1	Ξένες Γλώσσες	English (++++), University of Cambridge, First Certificate in English
		Finish (+)
		Czech (+)
		Chinese (+)
11.2	Πρακτική Άσκηση	6 μήνες (10.1999-04.2000) πρακτική άσκηση στο Αντικαρκινικό νοσοκομείο Πειραιώς ΜΕΤΑΞΑ, ως έμμισθος στο τμήμα Βιοϊατρικής Τεχνολογίας. Συστάσεις: Δρ. Κώστας Παναγιωτόπουλος, Διευθυντής Τμήματος Βιοϊατρικής Τεχνολογίας, Νοσοκομείο ΜΕΤΑΞΑ

**ΠΑΡΑΡΤΗΜΑ Α:  
ΔΗΜΟΣΙΕΥΣΕΙΣ**

**Πτυχιακή εργασία, διπλωματική εργασία και διδακτορική διατριβή**

- E1. **Πτυχιακή Εργασία:** 'Electromagnetic compatibility and Radiation Protection in the Modern Hospital', Τμήμα Μηχανικών Βιοϊατρικής Τεχνολογίας Τ.Ε. (πρώην Τεχνολογίας Ιατρικών Οργάνων), ΤΕΙ Αθήνας, Ελλάδα, Ιούνιος 2000.
- E2. **Διπλωματική Μεταπτυχιακού:** 'A computer-based image analysis system for astrocytomas grading', Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών στην Ιατρική Φυσική, Πανεπιστήμιο Πατρών, Ελλάδα, Ιούλιος 2002.
- E3. **Διδακτορική Διατριβή:** 'Development of new machine learning methods for medical microscopy image processing and analysis applications', Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών στην Ιατρική Φυσική, Πανεπιστήμιο Πατρών, Ελλάδα, Μάιος 2006.



## Σε επιστημονικά περιοδικά αναγνωρισμένου κύρους με κριτές<sup>1</sup>:

Με δείκτη απήχησης (Impact Factor)

### 2019

- Π1. Konstantinou, C., Kostopoulos, S., **Glotsos, D.**, Kalatzis, I., Asvestas, P., Ravazoula, P., Michail, G., Cavouras, D., Sakellaropoulos, G. Assessment of HPV Risk Type in H&E-stained Biopsy Specimens of the Cervix by Microscopy Image Analysis (2020) Applied immunohistochemistry & molecular morphology : AIMM, 28 (9), pp. 702-710.

### 2019

- Π2. Theodosi, A., **Glotsos, D.**, Kostopoulos, S., Kalatzis, I., Tzelepi, V., Ravazoula, P., Asvestas, P., Cavouras, D., Sakellaropoulos, G. Correlating Changes in the Epithelial Gland Tissue with Advancing Colorectal Cancer Histologic Grade, Using IHC Stained for AIB1 Expression Biopsy Material Applied Immunohistochemistry and Molecular Morphology, 27 (10), pp. 749-757, 2019
- Π3. Chr. Konstandinou, S. Kostopoulos, **D. Glotsos**, D. Pappa, P. Ravazoula, G. Michail, I. Kalatzis, P. Asvestas, El. Lavdas, D. Cavouras, and G. Sakellaropoulos, GPU enabled design of an adaptable Pattern Recognition System for discriminating squamous intraepithelial lesions of the cervix, Biomedical Engineering/Biomedizinische Technik (BMT), 2019

### 2018

- Π4. Chr. Konstandinou, **D. Glotsos**, S. Kostopoulos, I. Kalatzis, P. Ravazoula, G. Michail, E. Lavdas, , D. Cavouras, and G. Sakellaropoulos, Multi-feature quantification of nuclear properties from images of H&E stained biopsy material for investigating changes in nuclear structure with advancing CIN grade, *Journal of Healthcare Engineering*, art. no. 6358189, 2018
- Π5. **D. Glotsos**, S. Kostopoulos, P. Ravazoula and D. Cavouras, 'Image Quilting and Wavelet Fusion for Creation of Synthetic Microscopy Nuclei Images', *Computer Methods and Programs in Biomedicine*, 162:177-186, 2018
- Π6. Theodosi A, **Glotsos D**, Kostopoulos S, Kalatzis I, Tzelepi V, Ravazoula P, Asvestas P, Cavouras D, Sakellaropoulos G, Correlating changes in the epithelial gland tissue with advancing colorectal cancer histological grade, using IHC stained for AIB1 expression biopsy material", *Applied Immunohistochemistry & Molecular Morphology*, 2018
- Π7. Christos Konstandinou, **Dimitris Glotsos**, Spiros Kostopoulos, Ioannis Kalatzis, Panagiota Ravazoula, George Michail, Eleftherios Lavdas, Dionisis Cavouras, and George Sakellaropoulos, Multifeature Quantification of Nuclear Properties from Images of H&E-Stained Biopsy Material for Investigating Changes in Nuclear Structure with Advancing CIN Grade, *Journal of Healthcare Engineering*, Volume 2018, Article ID 6358189, 11 pages, 2018

### 2017

- Π8. Mavroidis, P., Boci, N., Kostopoulos, S., Ninos, C., **Glotsos, D.**, Oikonomou, G., Bakas, A., Roka, V., Sakkas, G.K., Tsagkalis, A., Chatzigeorgiou, V., Batsikas, G., Zaimis, G., Cavouras, D., Lavdas, E., Investigation of the Possibility to Reduce Susceptibility

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<sup>1</sup> <https://www.scopus.com/authid/detail.uri?authorId=6507372966>

- Artifacts in MRI Knee Examination, *Journal of Medical and Biological Engineering*, 37 (5), 644-652, 2017.
- Π9. S. A. Kostopoulos, P. A. Asvestas, I. K. Kalatzis, G. C. Sakellaropoulos, Th. H. Sakkis, D. A. Cavouras, **D. T. Glotsos**, Adaptable Pattern Recognition System for discriminating Melanocytic Nevi from Malignant Melanomas using plain photography images from different image databases., *International Journal of Medical Informatics*, 2017
- Π10. Kostopoulos, S., Ravazoula, P., Asvestas, P., Kalatzis, I., Xenogiannopoulos, G., Cavouras, D., **Glotsos, D.** Development of a Reference Image Collection Library for Histopathology Image Processing, Analysis and Decision Support Systems Research (2017) *Journal of Digital Imaging*, 30 (3), pp. 287-295.
- Π11. Mavroidis, P., Giankou, E., Tsikrika, A., Kapsalaki, E., Chatzigeorgiou, V., Batsikas, G., Zaimis, G., Kostopoulos, S., **Glotsos, D.**, Ninos, K., Georgountzos, V., Kavouras, D., Lavdas, E. Brain imaging: Comparison of T1W FLAIR BLADE with conventional T1W SE (2017) *Magnetic Resonance Imaging*, 37, pp. 234-242.
- Π12. Kostopoulos, S.A., Vassiou, K.G., Lavdas, E.N., Cavouras, D.A., Kalatzis, I.K., Asvestas, P.A., Arvanitis, D.L., Fezoulidis, I.V., **Glotsos, D.T.** Computer-based automated estimation of breast vascularity and correlation with breast cancer in DCE-MRI images (2017) *Magnetic Resonance Imaging*, 35, pp. 39-45.
- 2016**
- Π13. Kostopoulos, S., **Glotsos, D.**, Asvestas, P., Konstandinou, C., Xenogiannopoulos, G., Sidiropoulos, K., Nikolatou, E.-K., Perakis, K., Mantzouratos, S., Sakkis, T., Sakellaropoulos, G., Nikiforidis, G., Cavouras, A.D. An ensemble template matching and content-based image retrieval scheme towards early stage detection of melanoma (2016) *Image Analysis and Stereology*, 35 (3), pp. 137-148.
- 2015**
- Π14. Lavdas, E., Mavroidis, P., Kostopoulos, S., Ninos, C., Strikou, A.-D., **Glotsos, D.**, Vlachopoulou, A., Oikonomou, G., Economopoulos, N., Roka, V., Sakkas, G.K., Tsagkalis, A., Stathakis, S., Papanikolaou, N., Batsikas, G. Reduction of motion, truncation and flow artifacts using BLADE sequences in cervical spine MR imaging (2015) *Magnetic Resonance Imaging*, 33 (2), pp. 194-200.
- Π15. Kostopoulos, S., Konstandinou, C., Sidiropoulos, K., Ravazoula, P., Kalatzis, I., Asvestas, P., Cavouras, D., **Glotsos, D.** Assessing the performance of four different categories of histological criteria in brain tumours grading by means of a computer-aided diagnosis image analysis system, (2015) *Journal of Microscopy*, 260 (1), pp. 37-46.
- 2013**
- Π16. E. Solomou, S. Kostopoulos, K. Sidiropoulos, E. Athanasiadis, E. Lavdas, **D. Glotsos**, G. Sakellaropoulos, P. Zampakis, J. Stonham and D. Cavouras, 'Designing a pattern recognition system on GPU for discriminating between patients with micro-ischaemic and multiple sclerosis lesions, using MRI images', *International Journal of High Performance Computing Applications*, 27 (3), 348-359, 2013.
- Π17. E. Lavdas, P. Mavroidis, S. Kostopoulos, **D. Glotsos**, V. Roka, T. Topalzikis, A. Bakas, G. Oikonomou, N. Papanikolaou, G. Batsikas, I. Kaffes, D. Kechagias, 'Improvement

of image quality using BLADE sequences in brain MR imaging', *Magnetic Resonance Imaging* 31(2), 189-200, 2013.

- Π18. K. Sidiropoulos, S. Kostopoulos, **D. Glotsos**, E. Athanasiadis, N. Dimitropoulos, J. Stonham, D. Cavouras, 'Multimodality GPU-based computer-assisted diagnosis of breast cancer using ultrasound and digital mammography images', *International Journal of Computer Assisted Radiology and Surgery*, 8(4), 547-560, 2013
- Π19. K. Boutsikou, S. Kostopoulos, **D. Glotsos**, D. Cavouras, E. Lavdas, G. Oikonomou, K. Malizos, I. Fezoulidis, M. Vlychou, 'Texture analysis of articular cartilage traumatic changes in the knee calculated from morphological 3.0T MR imaging', *European Journal of Radiology*, 82(8), 1266-1272, 2013.
- Π20. S. Kostopoulos, K. Sidiropoulos, **D. Glotsos**, E. Athanasiadis, K. Boutsikou, E. Lavdas, G. Oikonomou, I. Fezoulidis, M. Vlychou, M. Hantes, D. Cavouras, 'Pattern-recognition system, designed on GPU, for discriminating between injured normal and pathological knee cartilage', *Magnetic Resonance Imaging*, 31(5), 761-770, 2013.
- Π21. E. Lavdas, T. Topalzikis, P. Mavroidis, I. Kyriakis, V. Roka, S. Kostopoulos, **D. Glotsos**, C. Zilidis, S. Stathakis, A. Tsagkalis, N. Papanikolaou, G. Batsikas, D. Arvanitis, K. Vassiou, 'Comparison of PD BLADE with fat saturation (FS), PD FS and T2 3D DESS with water excitation (WE) in detecting articular knee cartilage defects', *Magnetic Resonance Imaging*, 31(8), 1255-1262, 2013.
- Π22. E. Lavdas, P. Mavroidis, S. Kostopoulos, **D. Glotsos**, V. Roka, A. Koutsiaris, G. Batsikas, G. Sakkas, A. Tsagkalis, I. Notaras, S. Stathakis, N. Papanikolaou, K. Vassiou, 'Elimination of motion, pulsatile flow and cross-talk artifacts using blade sequences in lumbar spine MR imaging', *Magnetic Resonance Imaging*, 31(6), 882-890, 2013.
- Π23. C. Loukas, S. Kostopoulos, A. Tanoglidi, **D. Glotsos**, C. Sfikas, D. Cavouras, 'Breast cancer characterization based on image classification of tissue sections visualized under low magnification', *Computational and Mathematical Methods in Medicine*, Article in press, 2013.
- Π24. Ninos, K., Kostopoulos, S., Sidiropoulos, K., Kalatzis, I., **Glotsos, D.**, Athanasiadis, E., Ravazoula, P., Panayiotakis, G., Economou, G., Cavouras, D., Computer-based image analysis system designed to differentiate between low-grade and high-grade laryngeal cancer cases, *Analytical and Quantitative Cytology and Histology*, 35 (5), pp. 261-272, 2013.

## 2012

- Π25. K. Sidiropoulos, **D. Glotsos**, S. Kostopoulos, P. Ravazoula, I. Kalatzis, D. Cavouras, J. Stonham, 'Real time decision support system for diagnosis of rare cancers, trained in parallel, on a graphics processing unit', *Computers in Biology and Medicine* 42(4), 376-386, 2012.

## 2011

- Π26. P. Georgiadis, S. Kostopoulos, D. Cavouras, **D. Glotsos**, I. Kalatzis, K. Sifaki, M. Malamas, E. Solomou, G. Nikiforidis, 'Quantitative combination of volumetric MR imaging and MR spectroscopy data for the discrimination of meningiomas from metastatic brain tumors by means of pattern recognition', *Magnetic Resonance Imaging*, 29 (4), 525-535, 2011.

- Π27. E. Athanasiadis, D. Cavouras, S. Kostopoulos, **D. Glotsos**, I. Kalatzis, G. Nikiforidis, ‘A wavelet-based Markov random field segmentation model in segmenting microarray experiments’, *Computer Methods and Programs in Biomedicine* 104(3), 307-315, 2011.

## 2010

- Π28. **D. Glotsos**, I. Kalatzis, P. Theocharakis, P. Georgiadis, A. Daskalakis, K. Ninos, P. Zoumboulis, A. Filippidou, D. Cavouras, ‘A multi-classifier system for the characterization of normal, infectious, and cancerous prostate tissues employing transrectal ultrasound images’, *Computer Methods and Programs in Biomedicine*, 97(1), 53-61, 2010.
- Π29. P. Bougioukos, **D. Glotsos**, D. Cavouras, A. Daskalakis, I. Kalatzis, S. Kostopoulos, G. Nikiforidis and A. Bezerianos, ‘An intensity-region driven multi-classifier scheme for improving the classification accuracy of proteomic MS-spectra’, *Computer Methods and Programs in Biomedicine*, 99 (2), 147-153, 2010.
- Π30. K. Ninos, S. Kostopoulos, **D. Glotsos**, P. Georgiadis, K. Sidiropoulos, N. Dimitropoulos, I. Kalatzis, D. Cavouras, ‘Development and evaluation of a PDA-based teleradiology system in thyroid nodules diagnosis’, *Journal of Telemedicine and Telecare*, 16 (5), 232-236, 2010.
- Π31. P. Bougioukos, **D. Glotsos**, A. Daskalakis, P. Spyridonos, I. Kalatzis, N. Dimitropoulos, D. Cavouras, G. Nikiforidis, ‘Fuzzy C-means-driven FHCE contextual segmentation method for mammographic microcalcification detection’, *Imaging Science Journal*, 58 (3), 146-154, 2010.

## 2009

- Π32. **D. Glotsos**, S. Kostopoulos, K. Ninos and D. Cavouras, ‘Interpretation of binding kinetics in Fluorescence Recovery After Photobleaching experiments using a novel stochastic simulation strategy’, *Molecular Simulation*, 35(14), 1209-1214, 2009.
- Π33. **D. Glotsos**, P. Georgiadis, S. Kostopoulos, A. Daskalakis, I. Kalatzis, P. Ravazoula, D. Cavouras, ‘A pilot study for investigating minimum requirements for remote astrocytomas grading’, *Analytical and Quantitative Cytology and Histology*, 31, 262-268, 2009.
- Π34. P. Georgiadis, D. Cavouras, I. Kalatzis, **D. Glotsos**, E. Athanasiadis, S. Kostopoulos, K. Sifaki, M. Malamas, G. Nikiforidis, E. Solomou, ‘Enhancing the discrimination accuracy between metastases, gliomas, and meningiomas on brain MRI by volumetric textural features and ensemble pattern recognition methods’, *Magnetic Resonance Imaging*, 27(1), 120-130, 2009.
- Π35. P. Theocharakis, **D. Glotsos**, I. Kalatzis, S. Kostopoulos, P. Georgiadis, K. Sifaki, K. Tsakouridou, M. Malamas, G. Delibasis, D. Cavouras, and G. Nikiforidis, ‘Pattern recognition system for the discrimination of multiple sclerosis from cerebral microangiopathy lesions based on texture analysis of Magnetic Resonance images’, *Magnetic Resonance Imaging*, 27(3), 417-422, 2009.
- Π36. S. Kostopoulos, **D. Glotsos**, D. Cavouras, A. Daskalakis, I. Kalatzis, P. Georgiadis, P. Bougioukos, P. Ravazoula, and G. Nikiforidis, ‘Computer based association of estrogen receptors expressed nuclei texture with histological grade using IHC-stained breast carcinomas’, *Analytical and Quantitative Cytology and Histology*, 31(4), 187-96, 2009.
- Π37. E. Athanasiadis, D. Cavouras, P. Spyridonos, **D. Glotsos**, I. Kalatzis, G. Nikiforidis, ‘Complementary DNA microarray image processing based on the Fuzzy Gaussian

Mixture Model technique', IEEE Transactions on Information Technology in Biomedicine, 13(4), 1-7, 2009.

- Π38. A. Daskalakis, **D. Glotsos**, S. Kostopoulos, D. Cavouras, G. Nikiforidis, 'A comparative study of individual and ensemble majority vote cDNA microarray image segmentation schemes, originating from a spot-adjustable based restoration framework', Computer Methods and Programs in Biomedicine, 95(1), 72-88, 2009.
- Π39. E. Athanasiadis, D. Cavouras, P. Spyridonos, **D. Glotsos**, I. Kalatzis, G. Nikiforidis, 'Segmentation of Complementary DNA Microarray Images by Wavelet-based Markov Random Field Model', IEEE Transactions on Information Technology in Biomedicine, 13(6), 1068-1074, 2009.

## 2008

- Π40. **D. Glotsos**, I. Kalatzis, P. Spyridonos, S. Kostopoulos, A. Daskalakis, P. Ravazoula, G. Nikiforidis, D. Cavouras, Improving accuracy in astrocytomas grading by integrating a robust least squares mapping driven Support Vector Machine classifier into a two level grade classification scheme, Computer Methods and Programs in Biomedicine, 90(3), 251-261, 2008.
- Π41. A. Daskalakis, P. Spyridonos, **D. Glotsos**, P. Ravazoula, M. Kardari, I. Kalatzis, D. Cavouras, G. Nikiforidis, 'Design of a multi classifier system for discriminating benign from malignant thyroid nodules using routinely H&E stained cytological images', Computers in Biology and Medicine, 38(2), 196-203 2008.
- Π42. E. Papageorgiou, P. Spyridonos, **D. Glotsos**, C. Stylios, P. Ravazoula, G. Nikiforidis, P. Groumpos, 'Brain tumor characterization using the soft computing technique of Fuzzy Cognitive Maps', Applied Soft Computing, 8(1), 820-828, 2008.

## 2007

- Π43. S. Kostopoulos, **D. Glotsos**, G. Kagadis, A. Daskalakis, P. Spyridonos, I. Kalatzis, M. Karamessini, T. Petsas, D. Cavouras, G. Nikiforidis, 'A hybrid pixel-based classification method for blood vessel segmentation and aneurysm detection on CTA', Computer and Graphics, 31, 493-500, 2007.
- Π44. A. Daskalakis, D. Cavouras, P. Bougioukos, S. Kostopoulos, **D. Glotsos**, I. Kalatzis, G. Kagadis, Ch. Argyropoulos, G. Nikiforidis, Improving gene quantification by adjustable spot-image restoration, Bioinformatics, 23(17), 2265-2272, 2007.

## 2006

- Π45. **D. Glotsos**, J. Tohka, J. Soukka, J. T. Soini, and U. Ruotsalainen, 'Robust estimation of bioaffinity assay fluorescence signals', *IEEE Transactions on Information Technology in Biomedicine*, 10(4), 733-739, 2006.

## 2005

- Π46. **D. Glotsos**, P. Spyridonos, D. Cavouras, P. Ravazoula, S. Dadioti, G. Nikiforidis, 'An image analysis system based on Support Vector Machines for automatic grade diagnosis of brain tumour astrocytomas in clinical routine', Medical Informatics and the Internet in Medicine, 30(3): 179-193, 2005.
- Π47. **D. Glotsos**, J. Tohka, P. Ravazoula, D. Cavouras, G. Nikiforidis, 'Automated diagnosis of brain tumours astrocytomas using Probabilistic Neural Network clustering and

Support Vector Machines', *International Journal of Neural Systems*, 15(1&2), 1-11, 2005.

## 2004

- Π48. **D. Glotsos**, P. Spyridonos, P. Petalas, D. Cavouras, I. Ravazoula, S. Dadioti, E. Lekka, G. Nikiforidis, 'Computer-based malignancy grading of astrocytomas employing a Support Vector Machine classifier, the WHO grading system, and the regular staining diagnostic procedure Hematoxylin-Eosin', *Analytical and Quantitative Cytology and Histology*, 26(2), 77-83, 2004.
- Π49. **D. Glotsos**, P. Spyridonos, D. Cavouras, I. Ravazoula, S. Dadioti, G. Nikiforidis, 'Automated segmentation of routinely H&E stained microscopic images by combining Support Vector Machine clustering and Active Contour Models', *Analytical and Quantitative Cytology and Histology*, 26(6), 331-341, 2004.
- Π50. **D. Glotsos**, P. Spyridonos, I. Ravazoula, D. Cavouras, G. Nikiforidis, 'Automated diagnosis of brain tumours using a novel density estimation method for image segmentation and Independent Component Analysis combined with Support Vector Machines for image classification', *Lecture Notes in Computer Science*, 3316, 1058-1063, 2004.

### Υπό κρίση σε περιοδικά με δείκτη απήγησης

- Π51. Angeliki Theodosi, Spiros Kostopoulos, **Dimitris Glotsos**, Ioannis Kalatzis, Vassiliki Tzelepi, Panagiota Ravazoula, Pantelis Asvestas, Dionisis Cavouras, and George Sakellaropoulos, Design of a Pattern Recognition System for discriminating between low grade and high grade colorectal cancer lesions, using microscopy images of IHC stained for AIB1 expression biopsy material, under review, 2019

### Χωρίς δείκτη απήγησης

- Π52. **D. Glotsos**, S. Kostopoulos and D. Cavouras, 'A stochastic simulation algorithm for analysis of fluorescence recovery after photobleaching kinetics', *e-Journal of Science & Technology (e-JST)*, 3, 49-66, 2008.
- Π53. P. Spyridonos, P. Petalas, **D. Glotsos**, D. Cavouras, P. Ravazoula and G. Nikiforidis, 'Comparative evaluation of Support Vector Machines and Probabilistic Neural Networks in superficial bladder cancer classification', *Journal of Computational Methods in Sciences and Engineering*, 6, 283-292, 2006.
- Π54. B. Spyropoulos, **D. Glotsos**, D. Batistatos, I. Marneris, 'Mapping EMI in the modern hospital', *Compliance Engineering*, 20:5, 48-52, 2003.
- Π55. INVITED: B. Spyropoulos, **D. Glotsos**, D. Batistatos, I. Marneris, 'Mapping EMI in the modern hospital', *Medical Electronic Manufacturing*, Fall 2003.
- Π56. E. Athanasiadis, N. Piliouras, **D. Glotsos**, I. Kalatzis, N. Dimitropoulos, D. Cavouras, 'Wavelet based filters for enhancing Digital Mammograms', *e-Journal of Science & Technology (e-JST)*, 1(2), 36-47, 2006.
- Π57. P. Georgiadis, D. Cavouras, I. Kalatzis, **D. Glotsos**, K. Sifaki, M. Malamas, G. Nikiforidis and E. Solomou, 'Computer aided discrimination between primary and secondary brain tumors on MRI: From 2D to 3D texture analysis', *e-Journal of Science & Technology*, 3(2), 9-18, 2008.
- Π58. Christos Konstandinou, Efthymios Maneas, Glotsos Dimitris, Kostopoulos Spiros, Ravazoula Panagiota, Dionisis Cavouras, A pattern recognition system for brain tumour

grade prediction based on histopathological material and features extracted at different optical magnifications, *Journal of Science & Technology (e-JST)*, 3(7), 53-59, 2012.

- Π59. Σ. Κωστόπουλος, Δ. Γκλώτσος, Π. Ασβεστάς, Γ. Σακελλαρόπουλος, Ι. Καλατζής, Εφαρμογή μεθόδων αναγνώρισης προτύπων σε φάσματα μάζας καρκίνου του προστάτη, *Journal of Science & Technology (e-JST)*, 3(10), 13-25, 2015.

### Σε διεθνή επιστημονικά συνέδρια:

- Σ1. Tache, I.A., Glotsos, D. Vessel Segmentation and Stenosis Quantification from Coronary X-Ray Angiograms, International Conference on Medical Imaging and Computer-Aided Diagnosis, MICAD 2020, Lecture Notes in Electrical Engineering, 633 LNEE, pp. 27-34, 2020
- Σ2. Stavridis, Spiros Kostopoulos, Dionisis Cavouras, **Dimitris Glotsos**, Development of a microscope stage with 4 degrees of freedom (linear xyz movement and angular rotation) to enable cross sectional computed tomography imaging, Focus on Microscopy 2019, April 14-17, London, UK, 2019
- Σ3. Christos Constantinou, Spiros Kostopoulos, **Dimitris Glotsos**, Panagiota Ravazoula, George Michail, Dionisis Cavouras, George Sakellaropoulos, Identification and differentiation of HPV subtypes through microscopic image analysis, Focus on Microscopy 2019, April 14-17, London, UK, 2019
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