

Ονοματεπώνυμο	ΑΘΑΝΑΣΙΑ ΚΟΤΙΝΗ
Βαθμίδα	ΚΑΘΗΓΗΤΡΙΑ
Γνωστικό αντικείμενο	ΙΑΤΡΙΚΗ ΦΥΣΙΚΗ
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Ερευνητικά ενδιαφέροντα	Βιομαγνητισμός, Μαγνητοεγκεφαλογραφία, νευρωνικά δίκτυα, μη γραμμική ανάλυση
Μαθήματα	• Ιατρική Φυσική, 2^ο εξάμηνο σπουδών • Βιοφυσική, 3^ο εξάμηνο σπουδών • Συμμετοχή στη θεωρητική διδασκαλία του μαθήματος "Φυσική μη Ιοντιζουσών Ακτινοβολιών" με θέμα «Μοντέλα νευρωνικών δικτύων» στο Διαπανεπιστημιακό Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών στην Ιατρική Φυσική - Ακτινοφυσική στο Κέντρο Πυρηνικών Ερευνών Δημόκριτος, Αθήνα • Συμμετοχή στο Μεταπτυχιακό πρόγραμμα Σπουδών "Βιο-Ιατρικές Επιστήμες στη Διάγνωση και Θεραπεία Ασθενειών" του Ιατρικού Τμήματος του ΔΠΘ
Σπουδές	Πτυχίο Φυσικής, Σχολή Θετικών Επιστημών, ΑΠΘ Διδακτορική διατριβή , Ιατρικό Τμήμα, ΔΠΘ 6-μηνη μετεκπαίδευση στο Harvard Medical School, Boston, USA
Επιστημονική εμπειρία	Λέκτορας Ιατρικής Φυσικής Επικ. Καθηγήτρια Ιατρικής Φυσικής Μόνιμη Επικ. Καθηγήτρια Ιατρικής Φυσικής Αν. Καθηγήτρια Ιατρικής Φυσικής Καθηγήτρια Ιατρικής Φυσικής Διευθύντρια του εργ. Ιατρικής Φυσικής
Ερευνητικό έργο	• Περισσότερες από 100 επιστημονικές δημοσιεύσεις σε Διεθνή περιοδικά • Περισσότερες από 100 ανακοινώσεις επιστημονικών εργασιών σε Διεθνή και Ελληνικά συνέδρια
Επιλεγμένες εργασίες	1. BOUZIANIS N, STATHOPOULOS I, VALSAMAKI P, RAPTI E, TRIKOPANI E, APOSTOLIDOU V, KOTINI A , ZISSIMOPOULOS A, ADAMOPOULOS A, KARAVASILIS E. DOSE REDUCTION IN SCINTIGRAPHIC IMAGING THROUGH ENHANCED CONVOLUTIONAL AUTOENCODER-BASED DENOISING. J

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	3. BEKOU E, MULITA A, SEIMENIS I, KOTINI A , COURCOUTSAKIS N, KOUKOURAKIS MI, MULITA F, KARAVASILIS E. MAGNETIC RESONANCE IMAGING TECHNIQUES FOR POST-TREATMENT EVALUATION AFTER EXTERNAL BEAM RADIATION THERAPY OF PROSTATE CANCER: NARRATIVE REVIEW. CLIN PRACT. 2024 DEC 27;15(1):4. (PUBMED)
	4. ANNINOS P, ANNINO N, ADAMOPOULOS A, KOTINI A , GEMOUSAKAKIS T, TSAGAS N. WE USED A DOUBLE BLIND EXPERIMENT TO INVESTIGATE WEAK PT-TMS IN EPILEPSY PATIENTS. MAEDICA (BUCUR). 2020 MAR;15(1):92-95. (PUBMED)
	5. P ANNINOS, A CHATZIMICHAEL, N ANNINO, A KOTINI , A ADAMOPOULOS, T GEMOUSAKAKIS, N TSAGAS. THE EFFECT OF PT-TMS ON BETA RHYTHM IN CHILDREN WITH AUTISM DISORDER. A MEG STUDY. MAEDICA (BUCHAR). 2019 DEC;14(4):332-342 (PUBMED)
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	7. N. SYMEONIDIS, M. LAMBROPOULOU, E. PAVLIDIS, C. ANAGNOSTOPOULOS, A. TSAROUCHEA, A. KOTINI , C. NIKOLAIDOU, A. KIZIRIDOU, C. SIMOPOULOS. PAK1 EXPRESSION IN PANCREATIC CANCER: CLINICOPATHOLOGICAL CHARACTERISTICS AND PROGNOSTIC SIGNIFICANCE. CLIN MED INSIGHTS ONCOL. 2019 FEB 18;13:1179554919831990. (PUBMED)
	8. A. KOTINI , T. BIRBILIS, P. ANNINOS, I. SEIMENIS MAGNETOENCEPHALOGRAPHY AND NORMAL PRESSURE HYDROCEPHALUS: A CASE REPORT. J INTEGR NEUROSCI. 2018 APR 18. DOI: 10.3233/JIN-180078. (PUBMED)
	9. A. KOTINI , P. ANNINOS, T. GEMOUSAKAKIS, A. ADAMOPOULOS. THE EFFECTS OF SWEET, BITTER, SALTY AND SOUR STIMULI ON ALPHA RHYTHM. A MEG STUDY. MAEDICA (BUCHAR). 2016 SEP;11(3):208-213. (PUBMED)
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