

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Angeli
Name:	Stelios
Rank/Position:	Academic Associate
Faculty:	Medical School
Department:	Basic and Clinical Sciences
Scientific Domain:	Medical Physics

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Mechanical and Manufacturing Engineering	2017	University of Cyprus	Department of Mechanical and Manufacturing Engineering	The mechanics of the brain tissue in pathological conditions
MSc in Biomedical Engineering with Medical Physics	2009	Imperial College London	Department of Bioengineering	Characterisation of a planar geometry B ₀ insert coil
BSc - Physics	2008	National Kapodistrian University of Athens	Department of Physics	A new method for the acceleration and improvement of algebraic reconstruction of tomographic images

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2019	Today	University of Nicosia	Nicosia	Academic Associate
2018	2019	University of Cyprus	Nicosia	Academic Associate
2011	2018	Intercollege Larnaca	Larnaca	Academic Associate

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2018	<i>Towards patient-specific modeling of brain tumor growth and formation of secondary nodes guided by DTI-MRI</i>	Angeli S , Emblem KE, Due-Tonnessen P, Stylianopoulos T.	NeuroImage: Clinical	20	664
2	2017	<i>Experimental measurements and mathematical modeling towards quantification of brain swelling stress</i>	Angeli S , and Stylianopoulos T.	Journal of Biomechanics	56	42
3	2016	<i>Biphasic modeling of brain tumor biomechanics and response to radiation treatment</i>	Angeli S , and Stylianopoulos T.	Journal of Biomechanics	49(9)	1524
4	2014	<i>A High-Resolution Cardiomyofiber Atlas of the ex-vivo C57BL/6 Murine Heart using Diffusion Tensor Imaging</i>	Angeli S , Befera N, Peyrat JM, Calabrese E, Johnson GA, Constantinides C.	Journal of Cardiovascular Magnetic Resonance	16	77
5	2013	<i>Cardiac Function: Across Mammalian Species Comparison – The Paradigm of the Mouse for MR Image-Based Phenotyping</i>	Angeli S. , Constantinides C.	Bentham Science Books		
6	2021	Anatomical variability in the upper tracheobronchial tree: sex-based differences and implications for personalized inhalation therapies	Christou S, Chatziathanasiou T, Angeli S , Koullapis P, Stylianou F, Sznitman J, Henry GH, Kassinos S	Journal of Applied Physiology	130	678
7	2015	<i>Stress-mediated progression of solid tumors: effect of mechanical stress on tissue oxygenation, cancer cell proliferation, and drug delivery</i>	Mpekris F, Angeli S , Pirentis A, Stylianopoulos T.	Biomechanics and Modeling in Mechanobiology	14(6)	1391
8	2012	<i>Design and Development of a Planar B₀-Coil for Patient Respiratory Motion Correction in Magnetic Resonance Imaging</i>	Awan S, McGinley J, Dickinson R, Angeli S , Young I.	Concepts in Magnetic Resonance Part B	41B(4)	130
9	2009	An accelerated Algebraic Reconstruction Technique based on the Newton-Raphson scheme	S. Angeli and E. Stiliaris	<i>EEE Nuclear Science Symposium Conference Record (NSS/MIC)</i>		3382

**Research Projects. List the five (5) more recent and other five (5) selected
(max total 10)**

Ref. Number	Date	Title	Funded by	Project Role*
1	Mar 2011	ΙΠΕ/ΤΕΧΝΟΛΟΓΙΑ/0609(BE)	RIF	<i>Researcher</i>
2	Noe 2010	STUDYPHYS	HB	<i>Researcher</i>
3	Oct 2012	ΙΠΕ/ΤΕΧΝΟΛΟΓΙΑ/0609(BE)/05	RIF	<i>Researcher</i>
4	May 2016	Human airway modelling	UCY	<i>Research Team Member</i>
5	Aug 2018	Re-Engineering Cancer	RIF	<i>Research Team Member</i>
6	Feb 2019	Re-Engineering Cancer	RIF	<i>Research Team Member</i>