

Academic Personnel Short Profile / Short CV

University:	Cyprus University of Technology
Surname:	Anayiotos
Name:	Andreas
Rank/Position:	Professor
Faculty:	Engineering and Technology
Department:	Mechanical and Materials Engineering
Scientific Domain: *	Fluid Mechanics, Materials, Modeling, Biomedical Applications

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	1990	Georgia Institute of Technology	Aerospace Engineering	
MS	1984	Georgia Institute of Technology	Aerospace Engineering	
BS	1983	Boston University	Aerospace Engineering	

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

Period of employment		Employer	Location	Position
From	To			
1991	2008	University of Alabama Birmingham	Birmingham Alabama, USA	Associate Professor
2008	Today	Cyprus University of Technology	Limassol, Cyprus	Professor

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	2019	New insights into the antimicrobial treatment of water on Ag-supported solids	Theofilou, Constantinou,, Chatziiona, Pantelidou, Plyastsov,Kapnisis, Savva, Meshkovsky, Costa.	Journal of Chemical Technology and Biotechnology	94	1134-1143
2	2019	The effects of stenting on hemorheological parameters: An in vitro investigation under various blood flow conditions	Kapnisis, Seidner, Prokopi, Pasiyas, Pitsillides, Kaliviotis.	Clinical Hemorheology and Microcirculation	72	375-393
3	2018	Nanotribological response of a-C:H coated metallic biomaterials: the cases of stainless steel, titanium, and niobium	Kapnisis, Constantinou, Kyrkou, Nikolaou, Constantinides.	Journal of Applied Biomaterials and Functional Materials	16	230-240
4	2018	Characterization and antimicrobial activity of silver nanoparticles, biosynthesized using Bacillus species	Ghiuță, Cristea, Croitoru, Kost, Wenkert, Vyrides, Munteanu.	Applied Surface Science	438	66-73
5	2018	Regulating the catalytic properties of Pt/Al ₂ O ₃ through nanoscale inkjet printing	Chatziiona, Constantinou, Savva, Olympiou, Kapnisis, Costa.	Catalysis Communications	103	69-73
6	2017	Identification of exosomal muscle-specific miRNAs in serum of myotonic dystrophy patients relating to muscle disease progress	Koutsoulidou,Photiades, Kyriakides, Georgiou, Prokopi,Kapnisis, Lusakowska, Nearchou, Christou, Papadimas, Kyriakou, Kararizou, Papanicolaou, Phylactou.	Human Molecular Genetics	26	3285-3302
7	2017	Mechanistic aspects (SSITKA-DRIFTS) of the catalytic denitrification of water with	Theologides, Olympiou, Savva,Costa.	Applied Catalysis B: Environmental 205, pp. 443-454	205	443-454

		hydrogen on Pd-Cu supported catalysts				
8	2016	In vivo monitoring of the inflammatory response in a stented mouse aorta model	Kapnisis, Pitsillides, Prokopi, Brott, Anderson, Lemons.	Journal of Biomedical Materials Research - Part A	104	227-238
9	2016	The influence of oxygen concentration on the rheological properties and flow of whole human blood	Valant, Zibera, Papaharilaou, Georgiou,	Rheologica Acta	55	921-933
10	2015	The Computational Fluid Dynamics Rupture Challenge 2013 - Phase II: Variability of Hemodynamic Simulations in Two Intracranial Aneurysms	Berg, Roloff, Beuing, (...) Steinman, Janiga.	Journal of Biomechanical Engineering	137	Article number 121008

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
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**Specify venue, geographic location etc*

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	2018-2020	NITOXILICO Nickel Leaching from Cardiovascular Stents: Development of an In Silico Toxicokinetic Model	CRIF	PI
2	2019-2021	MICROCURE Microparticles and microRNAs in the fight against cancer: A novel diagnostic and therapeutic tool for the prevention and therapy of metastatic breast cancer	CRIF	PI
3	2019-2021	POLYSYSTEM Biomimetic, biocompatible and anisotropic synthetic polymer scaffold for tendon stem cell therapy with guided stem cell differentiation	CRIF	PI
4	2019-2021	COROSIS Is there a link between metal ion release and in-stent restenosis	CRIF	PI
5	2018-2022	CANCERNANOMED Center for Preclinical Evaluation and Optimization of Cancer Nanomedicines	CRIF	I
6	2018-2020	PLANTSAFE Herbal essential oils: Potential for development as low-risk pesticides, plant growth promoters and produce sanitizers	CRIF	I
7	2017-2020	AVALAACT	EUROSTARS	I

		Lactomezole, a safe and effective eradication therapy for H. Pylori without the use of antibiotics		
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**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2018-today	Ministry of Finance/Ministry of Research and Innovation Republic of Cyprus	Member, National Board of Research and Innovation	Advisory council for the proposal of Research and Innovation policies and strategies for the Republic of Cyprus
2	2014-today	Annals of Biomedical Engineering (The official journal of the Biomedical Engineering Society)	Associate Editor	Helping the Editor with acceptance or rejection of journal manuscripts and the assignment of reviewers. Helping in providing new directions in the journal strategies
3	2006-today	Ultrasound in Medicine and Biology	Editorial Advisory Board	Advisory role in the evaluation and acceptance/rejection of journal manuscripts and proposing new strategies for the journal
4	2010-today	Ministry of Transport Communications and Works	National Committee of Space Technology Experts	Advisory role to the Ministry on the policies of Space Technology
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2018	The proposal titled: Nickel Leaching from Cardiovascular Stents: Development of an In Silico Toxicokinetic Model was ranked 1 st among 193 submitted proposals	Cyprus Research and Innovation Foundation (CRIF)
2	2009	Dina Halwani (PhD student) 2nd Prize PhD student Competition (among 51 students from 11 countries) (2009)	Summer Bioengineering and Biomass Conference, Lake Tahoe, California, USA
3	2006	Thanh Huynh (MS student) 1st Prize MS student Competition (among 95 students from 15 countries)	Summer Bioengineering and Biomass Conference, Amelia Island, Florida, USA
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**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	2019,2018,2011,2010	Appointed to the 9 member International panel of the EUROSTARS Program by the EUROSTARS secretariat representing Cyprus (2010- 2011)	Funding of Evaluated proposals in Innovation and Entrepreneurship
2	2011	Cyprus Scientific Council by the Cyprus Government led by Dr. Fotis Kafatos (honorary president ERC)	Planning of the government research policy (2011-2015)
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