CURRICULUM VITAE

Photo 	
Personal details	
Surname/name:	Hatzitaki Vassilia
Position:	Professor
Specialty:	Motor Control
Department:	Physical Education and Sport Sciences
Laboratory:	Motor behavior and Adapted Physical Activity
Current administrative positions:	Research and Development committee (Coordinator) Graduate program "Human Performance" committee (member)
Personal Webpage:	http://vaso1.webpages.auth.gr/web/
Contact details	
Office:	Thermi Campus, Main Building, 1st floor
Tel:	302310992193
Fax:	
e-mail:	vaso1@phed.auth.gr
Student consultation:	Mon. & Wed. 12:00 – 14:00
Qualifications	
Degree:	B.Sc. in Exercise Sciences (1988), Aristotle University of Thessaloniki, Greece
Master:	Master of Arts (M.A.) in Biomechanics (1992)

	McGill University (Montreal, Canada)
PhD:	Doctor of Philosophy (Ph.D.) in Motor Control (1995) McGill University (Montreal, Canada)
Post-Doctoral training	"Retraining balance control in the elderly: co-processing of afferent signals" EEC Improving Human Potential (IHP) Programme: Access to Research Infrastructures (HPRI-CT-1999-00025). Human Movement and Balance Unit, MRC, University College of London (2000).
Teaching	
Undergraduate courses:	Control of Motor Skills (EPO128) Biomechanics (229) Motor Behavior (376)
Postgraduate courses:	Mechanical Movement Analysis Motor control and Learning of Sport Skills Exercise to treat neurological and musculoskeletal disorders
Research	
Research interests:	Balance and posture, sensorimotor integration, motor learning, aging, sport performance, vestibular system
Books:	In A. Briassouli, J. Benois-Pineau and A. Hauptmann (Editors), Health Monitoring and Personalized feedback Using Multimedia Data, © Springer International Publishing Switzerland 2015, pp. 197-214 Kellis E. and Hatzitaki V. (2012). "Development of neuromuscular coordination with implications in motor control". In Mark De Ste Croix and Thomas Korff (Eds), Pediatric Biomechanics and Motor Control: Theory and application. Routledge: London and Ney York, Chapter 3, pp. 50-69
Selected publications (up to 10):	Gavriilidou A., Mylonas V., Tsalavoutas I., Konstantakos V., Psillas G., Wuehr M., Hatzitaki V. Effects of individually calibrated white and pink noise vestibular stimulation on standing balance of young healthy adults (2025) Experimental Brain Research, 243 (1), art. no. 33 Rallis K., Konstantinidou E., Hatzitaki V., Mavrommatis G., Fotiadou E.Proprioceptive Training Induced Adaptations of Static Balance Control: An RCT Study in Adults With Intellectual Disability (2025) Journal of Intellectual Disability Research Sideridou M., Kouidi E., Hatzitaki V., Chouvarda I.Towards Automating Personal Exercise Assessment and Guidance with Affordable Mobile Technology (2024) Sensors, 24 (7), art. no. 2037 Kamankesh A., Rahimi N., Amiridis I.G., Sahinis C., Hatzitaki V., Enoka R.M. Distinguishing the activity of flexor digitorum brevis and soleus across standing postures with deep learning models (2025) Gait and Posture, 117, pp. 58 - 64 Tsiouri C., Amiridis I.G., Angelou A., Varvariotis N., Sahinis C., Kannas T., Hatzitaki V., Enoka R.M. Role of motor unit activity in flexor digitorum brevis to maintain balance during forward leaning (2025) Journal of Sports Sciences

	(2024) Gait and Posture, 113, pp. 238 - 245 Teloudi A., Anifanti M., Chatzinikolaou K., Grouios G., Hatzitaki V., Chouvarda I., Kouidi E. Assessing Static Balance, Balance Confidence, and Fall Rate in Patients with Heart Failure and Preserved Ejection Fraction: A Comprehensive Analysis (2024) Sensors, 24 (19), art. no. 6423 Christodoulou I., Mylonas V., Kannas T.M., Sotirakis C., Mademli L., Kouidi E., Hatzitaki V. Age-Related Constraints in the Visuomotor Plasticity of Postural Control as Revealed by a Whole-Body Mirror Learning Task (2024) Motor Control, 28 (2), pp. 125 - 143 Rahimi N., Kamankesh A., Amiridis I.G., Daneshgar S., Sahinis C., Hatzitaki V., Enoka R.M. Distinguishing among standing postures with machine learning-based classification algorithms (2025) Experimental Brain Research, 243 (1), art. no. 3 Gkesou A., Papavasileiou A., Karagiaridis S., Kannas T., Amiridis I.G., Hatzitaki V., Patikas D.A. Fatigability of the thenar muscles using electrical nerve stimulation with fixed stimuli count, while varying the frequency and duty cycle (2023) Journal of Electromyography and Kinesiology, 73, art. no. 102838
Current research projects:	1. Project Title: StHuS: STopping HUman Sway Funding Agent: The Royal Society (UK) – King's College London Start Date: 02 December 2024 End Date: 01 December 2026 2. Project title: Crossmodal visuo-tactile interaction enhances the use of gravity-based internal models under challenging equilibrium conditions Funding Agent: Aix-Marseille Université-CNRS, Centre de Recherche en Psychologie et Neurosciences (UMR 7077 CRPN) Start Date: 01 April 2025
Reviewer in journals:	*Scientific Reports, Gait & Posture, Experimental Brain Research, Human Movement Science, AGE, PLOS-ONE, Journal of Neurophysiology, Neuroscience Letters, European Journal of Neuroscience, Cerebral Cortex Communications, Frontiers in Human Neuroscience, Frontiers in Sports and Active Living*
Citations (Σ citations in Scopus):	*1550*
h-index in Scopus:	**21**