

CURRICULUM VITAE

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Position:	Laboratory Teaching Staff
Specialty:	Applications in Biomechanics
Department:	Human performance
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Qualifications	
Degree:	Sports Science AUTH
Master:	
PhD:	Human Performance and Health
Teaching	
Undergraduate courses:	Biomechanical Evaluation of Athletic Performance
Postgraduate courses:	

Research																													
Research interests:	Swimming Biomechanics																												
Books and chapters in books:	Konstadakos V., Nikodelis T., Kollias I., LAopoulos T. (2012) "Automated Measurement System Based on Digital Inertial Sensors for the Study of Human Movement." 'In' Haasz V. <i>Advanced Distruduted Measuring Systems, Exhibits of Application</i> River Publishers, pp:183-210																												
Selected publications (up to 10):	<table border="0"> <thead> <tr> <th data-bbox="735 472 794 499">Title</th> <th data-bbox="1134 472 1251 577">Citations in Google scholar</th> <th data-bbox="1305 472 1353 499">year</th> </tr> </thead> <tbody> <tr> <td data-bbox="461 629 1062 770"> Bilateral inter-arm coordination in freestyle swimming: Effect of skill level and swimming speed T Nikodelis, I Kollias, V Hatzitaki Journal of Sports Sciences 23 (7), 737-745 </td> <td data-bbox="1225 629 1251 651">45</td> <td data-bbox="1305 629 1353 651">2005</td> </tr> <tr> <td data-bbox="461 819 1038 963"> Direction-induced effects of visually guided weight-shifting training on standing balance in the elderly V Hatzitaki, IG Amiridis, T Nikodelis, S Spiliopoulou Gerontology 55 (2), 145-152 </td> <td data-bbox="1225 819 1251 842">37</td> <td data-bbox="1305 819 1353 842">2009</td> </tr> <tr> <td data-bbox="461 1012 1058 1155"> Visual feedback training improves postural adjustments associated with moving obstacle avoidance in elderly women V Hatzitaki, D Voudouris, T Nikodelis, IG Amiridis Gait & Posture 29 (2), 296-299 </td> <td data-bbox="1225 1012 1251 1034">29</td> <td data-bbox="1305 1012 1353 1034">2009</td> </tr> <tr> <td data-bbox="461 1205 1035 1348"> Changes in the limits of stability induced by weight-shifting training in elderly women V Gougliadis, T Nikodelis, V Hatzitaki, IG Amiridis Experimental aging research 37 (1), 46-62 </td> <td data-bbox="1225 1205 1251 1227">18</td> <td data-bbox="1305 1205 1353 1227">2010</td> </tr> <tr> <td data-bbox="461 1397 1048 1541"> Rotational kinematics of pelvis and upper trunk at butterfly stroke: Can fins affect the dynamics of the system? A Averianova, T Nikodelis, V Konstantakos, I Kollias Journal of biomechanics 49 (3), 423-428 </td> <td data-bbox="1235 1397 1251 1420">5</td> <td data-bbox="1305 1397 1353 1420">2016</td> </tr> <tr> <td data-bbox="461 1590 986 1691"> Kinematic differences between grab and track swimming starts T Nikodelis, H Kollias Inquiries in sport & Physical Education 1 (1), 27-35 </td> <td data-bbox="1235 1590 1251 1612">5</td> <td data-bbox="1305 1590 1353 1612">2003</td> </tr> <tr> <td data-bbox="461 1740 1010 1883"> Pelvis-upper trunk coordination at butterfly stroke and underwater dolphin kick: Application on an elite female butterfly swimmer T Nikodelis, V Konstantakos, I Kosmadakis, I Kollias J. Athl. Enhanc. 2, 2 </td> <td data-bbox="1235 1740 1251 1762">2</td> <td data-bbox="1305 1740 1353 1762">2013</td> </tr> <tr> <td data-bbox="461 1933 1019 2076"> Commercial video frame rates can produce reliable results for both normal and CP spastic gait's spatiotemporal, angular, and linear displacement variables T Nikodelis, D Moscha, D Metaxiotis, I Kollias </td> <td data-bbox="1235 1933 1251 1955">2</td> <td data-bbox="1305 1933 1353 1955">2011</td> </tr> </tbody> </table>	Title	Citations in Google scholar	year	Bilateral inter-arm coordination in freestyle swimming: Effect of skill level and swimming speed T Nikodelis, I Kollias, V Hatzitaki Journal of Sports Sciences 23 (7), 737-745	45	2005	Direction-induced effects of visually guided weight-shifting training on standing balance in the elderly V Hatzitaki, IG Amiridis, T Nikodelis, S Spiliopoulou Gerontology 55 (2), 145-152	37	2009	Visual feedback training improves postural adjustments associated with moving obstacle avoidance in elderly women V Hatzitaki, D Voudouris, T Nikodelis, IG Amiridis Gait & Posture 29 (2), 296-299	29	2009	Changes in the limits of stability induced by weight-shifting training in elderly women V Gougliadis, T Nikodelis, V Hatzitaki, IG Amiridis Experimental aging research 37 (1), 46-62	18	2010	Rotational kinematics of pelvis and upper trunk at butterfly stroke: Can fins affect the dynamics of the system? A Averianova, T Nikodelis, V Konstantakos, I Kollias Journal of biomechanics 49 (3), 423-428	5	2016	Kinematic differences between grab and track swimming starts T Nikodelis, H Kollias Inquiries in sport & Physical Education 1 (1), 27-35	5	2003	Pelvis-upper trunk coordination at butterfly stroke and underwater dolphin kick: Application on an elite female butterfly swimmer T Nikodelis, V Konstantakos, I Kosmadakis, I Kollias J. Athl. Enhanc. 2, 2	2	2013	Commercial video frame rates can produce reliable results for both normal and CP spastic gait's spatiotemporal, angular, and linear displacement variables T Nikodelis, D Moscha, D Metaxiotis, I Kollias	2	2011	
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	<p>Journal of applied biomechanics 27 (3), 266-271</p> <p>Classification of Soccer and Basketball Players' Jumping Performance Characteristics: A Logistic Regression Approach 1 2019</p> <p>C Chalitsios, T Nikodelis, V Panoutsakopoulos, C Chassanidis, I Kollias Sports 7 (7), 163</p> <p>Classification methods can identify external constrains in swimming 2019</p> <p>R Grigoriou, T Nikodelis, D Kugiumtzis, I Kollias Journal of biomechanics 82, 381-386</p>
Current research projects:	<ul style="list-style-type: none"> • Classification of sports movement patterns, using machine learning algorithms. • Fatigue effects on biomechanical characteristics of athletic movement. • Biomechanical evaluation of the effects of dry needling on low back pain. • Spectral content of balance in stable and unstable surface.
Reviewer in journals:	<ul style="list-style-type: none"> • Journal of Biomechanics • Inquiries in sport & Physical Education
Citations (citations in Scopus):	82
h-index in Scopus:	4