

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome

PIACENTINI MARIA FRANCESCA

Nazionalità

Italiana

ESPERIENZA LAVORATIVA

• Date (da – a)

Dal 1/12/2006 AD OGGI PROFESSORE ASSOCIATO PRESSO L'UNIVERSITÀ DEGLI STUDI DI ROMA "FORO ITALICO"

dal 1/10/2002-30/11/2006 ricercatrice presso L'UNIVERSITÀ DEGLI STUDI DI ROMA "FORO ITALICO"

Dal 12/1999 - 30/09/2002 contratto di ricerca presso la Vrije Universiteit Brussel (VUB) Bruxelles (B)

10/04/2017 Abilitazione scientifica Nazionale a Professore di 1 Fascia

ISTRUZIONE E FORMAZIONE

• Date (da – a)

Dal 1998-2003: Dottorato di ricerca presso la Vrije Universiteit Brussel (B) cum laude
25-10-2001 Laurea in Scienze Motorie e Sportive

Dal 1994 al 1996 Master presso la University of California at Berkeley (USA)

Dal 1992-1993 Quarto anno presso Istituto Superiore di Educazione Fisica ROMA

Dal 1989 al 1992 Diploma Istituto Superiore di Educazione Fisica (ISEF) ROMA cum laude

**BORSE DI STUDIO E PREMI
SCIENTIFICI**

1999: Ministero degli Affari Esteri per una borsa post laurea presso Università fiamminghe (B)

1994:Borsa di studio Fulbright per studio presso Università della California Berkeley (USA)

2000: ECSS (European College of Sports Science)

5th place Young Investigator Award

1999: Belgian Society for Sports medicine and Sports Science, Louvain La Neuve
1st place Young Investigator Award

1998: ECSS (European College of Sports Science)

3rd place Young Investigator Award

**MEMBRO E INCARICHI
PRESSO ASSOCIAZIONI
SCIENTIFICHE**

Dal 2012 al 2019 Membro del comitato scientifico dello European College of Sports Science
Dal 2020 Membro del scientific board dello European College of Sports Science
Dal 2016-2020 Membro del Comitato scientifico della federazione italiana nuoto (FIN)
Membro della Società Italiana di Scienze Motorie e Sportive

INCARICHI DI DIDATTICA

Responsabile del corso di Sport Individuali al corso di laurea in scienze motorie e sportive (L22) Università degli studi di Roma "Foro Italico"

Responsabile del corso di Sport Individuali 1 e Sport Individuali 2 al corso di laurea magistrale in scienza e tecnica dello sport (LM68) Università degli studi di Roma "Foro Italico"

Docente del modulo di Teoria dell'allenamento e della gara al corso di laurea magistrale in scienza e tecnica dello sport (LM68) Università degli studi di Roma "Foro Italico"

Responsabile di teoria e metodologia dell'allenamento al corso di laurea in scienze motorie e sportive (L22) Università degli studi di Roma "Foro Italico"

Docente Scuola dello sport e salute spa

**RESPONSABILE PROGETTI DI
RICERCA**

2002 Pilot Study Physiological and psychological parameters to monitor tapering in well trained swimmers finanziamenti di Ateneo

2003 Pilot Study Evaluation of the energy cost and mechanical power during spinning finanziamenti di Ateneo

2005 Research Project Predicting the rise of overtraining syndrome and analysis of training diary with data mining techniques finanziamenti di Ateneo

2006 Research Project Realization of cardiofitness machines for aquatraining and rehabilitation applications finanziato da Regione Abruzzo

2006 Realization of cardiofitness machines for aquatraining and rehabilitation applications finanziamenti di dipartimento

2006 Research Project Metabolic Response during an aquatreadmill class finanziamenti di dipartimento

**PARTECIPANTE PROGETTI DI
RICERCA**

2002 Research Project Different recovery methods on performance with special emphasis on soccer Principal Investigator Prof. Laura Capranica finanziamenti di Ateneo

2002 Pilot Study Gender differences in elite sport Responsible Prof. Laura Capranica finanziamenti di Ateneo

2004 Research Project Zone diet effects on performance and on the hormonal response to exercise Principal Investigator Prof. Laura Capranica finanziamenti di Ateneo

2007 Research Project Influence of physical activity with/without carbohydrate, tryptophan or branched-chain amino acid supplementation on the serotonergic system and its implications on mental and perceptual motor performance and mood during long-term confinement Principal Investigator H Struder European Space Agency

2010 Research Project The effect of exercise on sleep regulation, cognitive performance, mental health and mood (ESCOM) European Space Agency

2016 Research Project A Prospective Exploratory Study of Psychological, Physiological and Brain Activity Characteristics of Doping Use Across Sport Levels finanziamenti di Ateneo

2018 Research Project Inclusive Karate: a new perspective to decrease sedentary lifestyle and increase self-confidence in Down Syndrome Erasmus+ Sport Programme EAC/A05/2017

MADRELINGUA

Italiana

ALTRE LINGUE

Inglese ottima comprensione scritta e parlata

Francese ottima comprensione scritta e parlata

Olandese sufficiente comprensione scritta e parlata

1. Friedlander A.L., Casazza G.A., Horning M.A, Huie M.J., **Piacentini MF.**, Trimmer J.K., Brooks G.A. (1998) Training induced alterations of carbohydrate metabolism in women: women responded differently than men. *J. Appl. Physiol* vol 85(3), 1175-1186 **SCI 3.0**
2. Bernardi M, Felici F, Marchetti M, Montellanico F, **Piacentini MF**, Solomonow M (1999) "Force generation performance and motor unit recruitment strategy in muscles of contralateral limbs. *J. Electromyography and Kinesiology*, 9,2: 121-130; **SCI 1.4**
3. Bernardi M, Macaluso A., Sproviero E., Castellano V., Coratella D., Felici F., Rodio A., **Piacentini MF** Marchetti M., Ditunno Jr. J.F. (1999) "Cost of walking and locomotor impairment". *J. Electromyography and Kinesiology*, 9, 2: 149-157; **SCI 1.4**
4. Meeusen R, **Piacentini MF**, Van Den Eynde S, Magnus L and De Meirleir K (2001) Exercise performance is not influenced by a 5-HT reuptake inhibitor *Int J Sports Med* 22:329-336 **SCI 1.4**
5. Meeusen, R. Piacentini, M.F., Kempnaers, F. Busschaert, B. De Schutter, G. Buyse, L., De Meirleir, K. (2001) Brain neurotransmitter levels during exercise (Article) [Neurotransmitter im Gehirn während körperlicher Belastung] *Deutsche Zeitschrift für Sportmedizin* Volume 52, Issue 12, Pages 361-368
6. Meeusen R, **Piacentini MF** (2001) Exercise and neurotransmission: A window to the future? *Eur J Sports Sci*, 1(1), March 2001
7. Meeusen R, **Piacentini MF** and De Meirleir K (2001) Brain Microdialysis in Exercise Research *Sports Med* 31(14): 965-983 **SCI 2.4**
8. **Piacentini MF.**, Meeusen R, Buyse L, De Schutter G, Kempnaers F, Van Nijvel J and , De Meirleir K (2002). No effect of a noradrenergic reuptake inhibitor on performance in trained cyclists *Med Sci Sports Exerc* 34(7):1189-1193 **SCI 2.6**
9. **Piacentini MF.**, Meeusen R, Buyse L, De Schutter G, and De Meirleir K (2002) No effect of a selective serotonergic/noradrenergic reuptake inhibitor on endurance performance *EJSS* 2(6)
10. **Piacentini M.F.** Clinckers R, Meeusen R, Sarre S., Ebinger G and Michotte Y (2003) Effect of Bupropion on hippocampal neurotransmitters and on peripheral hormonal concentrations in the rat *JAP* 95(2):652 **SCI 3.0**
11. **Piacentini M.F.** Clinckers R, Meeusen R, Sarre S., Ebinger G and Michotte Y (2003) Effects of venlafaxine on extracellular 5-HT, dopamine and noradrenaline in the hippocampus and on peripheral hormone concentrations in the rat in vivo *Life Sci* 73: 2433-2442,
12. Meeusen R, **Piacentini MF.**(2003) Exercise, fatigue, neurotransmission and the influence of the neuroendocrine axis. *Adv Exp Med Biol*;527: 521-525.
13. **Piacentini MF.**, Meeusen, R., Buyse, L., De Schutter, G., De Meirleir, K. (2004) Hormonal responses during prolonged exercise are influenced by a selective DA/NA reuptake inhibitor *BJSM* 38:129-133 **SCI 1.9**
14. Meeusen R, **Piacentini MF**, Busschaert B, Buyse L, De Schutter G, Stray-Gundersen J. (2004) Hormonal Responses In Athletes: The Use Of A Two Bout Exercise Protocol To Detect Subtle Differences In (Over)Training Status. *Eur J Appl Physiol* 91:140-146
15. Capranica L., Minganti C., Billat V Hanghoj S, **Piacentini MF.**, Cumps E., Meeusen R. (2005) "Newspaper Coverage of Women's Sports During the 2000 Sydney Olympic Games: Belgium, Denmark, France and Italy" *Res. Quart.*76(2) 212-223 **SCI 1.1**
16. **Piacentini M.F** Gianfelici A, and Faina M (2005) "Energy Cost of a Just Pump Workout" *Int J Fitness* 1(1) 31-38
17. Hasegawa H, Meeusen R Sarre S, Diltoer M, **Piacentini MF** and Michotte Y (2005) Acute dopamine/norepinephrine reuptake inhibition increases brain and core temperature in rats. *JAP* 99 1397-1401 **SCI 3.0**
18. Meeusen R, Hasegawa H, **Piacentini MF.** (2005) Brain microdialysis and its application for the study of neurotransmitter release during exercise. *Int J Sport & Exerc Psychol.* 3(3) : 263-284
19. Watson P, Hasegawa H, Roelands B, **Piacentini MF.**,Looverie R, Meeusen R. (2005) Acute dopamine/noradrenaline reuptake inhibition enhances human exercise performance in warm, but not temperate conditions. *J Physiol* 565.3 pg 873-883 **SCI 4.3**
20. **Piacentini MF.** Gianfelici A, Battuello M, Minganti C, Faina M (2006) Metabolic Parameters during a fitness activity: Indoor Rowing *Int J Fitness* vol 2: 25-34
21. Tessitore A., Meeusen R., **Piacentini MF** Demarie S Capranica L. (2006) Physiological and technical aspects of a "6-a-side" soccer drill" *Journal of Sports Medicine and Physical Fitness* 46:36-43 **SCI<1.0**
22. Meeusen R, Watson P, Hasegawa H, Roelands B and **Piacentini MF** (2006) Central Fatigue, the serotonin hypothesis and beyond *Sports Med* 36(10): 881-909 **SCI 3.6**
23. Hasegawa H, **Piacentini M.F.**, Sarre S, Michotte Y, Ishiwata T, and Meeusen R (2008) Influence of brain catecholamines on the development of fatigue in exercising rats in the heat *J Physiol* 586 141-49 **SCI 4.6**

24. Roelands B, Hasegawa H, Watson P, **Piacentini MF**, Buysse L, De Schutter G, Meeusen R (2008) The effects of acute dopamine reuptake inhibition on performance *Med Sci Sports Exerc* 40(5). 879-885 **SCI 2.9**
25. Meeusen R, Watson P, Roelands B, Hasegawa H, **Piacentini MF**. (2007) Brain neurotransmitters in fatigue and overtraining. *Applied Physiology, Nutrition and Metabolism*. 32(5): 857-864 **SCI 1.0**
26. Roelands B, Goekint M, Heyman E, **Piacentini MF**, Watson P, Hasegawa H, Buysse L, Pauwels F, De Schutter G, and Meeusen R.(2008) Acute norepinephrine reuptake inhibition decreases performance in normal and high ambient temperature *J Appl Physiol*;105 206-212 **SCI 3.6**
27. Roelands B, Hasegawa H, Watson P, **Piacentini MF**, Buysse L, De Schutter G and Meeusen R (2009) Performance and thermoregulatory effects of chronic bupropion administration in the heat *Eur J Appl Physiol*: 105:493-498, **SCI 1.9**
28. **Piacentini MF**, Gianfelici A, Faina M, Figura F, Capranica L (2009) Evaluation of Intensity during an interval spinning session: a field study *Sport Sciences for Health* 5:29-36
29. Roelands B, Goekint M, Buysse L, Pauwels F, De Schutter G, **Piacentini MF**, Hasegawa H, Watson P, Meeusen R (2009) Time trial Performance in normal and high ambient temperature: is there a role for 5-HT? *Eur J Appl Physiol* 107:119-126 **SCI 1.9**
30. Meeusen R, Nederhof E, Buysse L, Roelands B, de Schutter G and **Piacentini MF** (2010) Diagnosing overtraining in athletes using the two bout exercise protocol *Br J Sports Med* 44:642-648 **SCI 2.5**
31. Schneider S, Brümmer V, Carnahan H, Kleinert J, **Piacentini MF**, Meeusen R, Strüder HK. (2010) Exercise as a countermeasure to psycho-physiological deconditioning during long-term confinement. *Behav Brain Res*. 211(2):208-14 **SCI 3.393**
32. Minganti C., Meeusen R., Capranica L., Amici S. De Pero R. **Piacentini M.F.**(2010) The Validity of Session-RPE Method for Quantifying Training Load in Teamgym, *Journal of Strength and Conditioning Research* 24(11) 3063-3068 **SCI 1.5**
33. **Piacentini MF.**, Carminucci R, Quinci ML, Gianfelici A, Capranica L (2011) Combining cardiovascular and resistance training in a fitness group activity: The example of cardio pump *Int J Fitness* vol 7 Issue 1 21-28
34. Vernillo G, **Piacentini M.F.**, Drake A., Agnello L., Fiorella P.L., La Torre A. (2011) Exercise intensity and pacing strategy of a 5-km indoor race walk during a world record attempt: A Case study *Journal of Strength and Conditioning Research* 25(7) 2048-2052 **SCI 1.8**
35. Minganti C, Capranica L, Meeusen R, **Piacentini MF** (2011) The use of Session-RPE Method for Quantifying Training Load in Diving. *International Journal of Sports Physiology and Performance* Volume 6, Issue 3, September 408 – 418 **SCI 1.2**
36. Minganti C., Ferragina A., Demarie S., Verticchio N., Meeusen R., **Piacentini M.F.** (2011) The use of session RPE for interval training in master endurance athletes: should rest be included? *J Sports Med Physical Fitness* 51:547-554 **SCI <1.0**
37. **Piacentini M.F.** Parisi A. Verticchio N. Comotto S. Meeusen R. Capranica L. (2012) No changes in time trial performance of Master endurance athletes, after 4 weeks on a low carbohydrate diet *Sport Sci for Health* 8:51-58 **SCI <1.0**
38. Minganti C, Demarie S , Comotto S, Meeusen R, **Piacentini M.F** (2012) Evaluation of Critical Swimming Velocity in young amateur swimmers *Sport Sci for Health* 7:87-91 **SCI <1.0**
39. Vernillo G., Agnello L., **Piacentini M.F.**, Drake A., Padulo J., La Torre A. (2012) An observational Study on the perceptive and Physiological Variables during a 10,000-m race walking competition *J Strength Cond Res* 26 (10): 2741-2747 **SCI 1.8**
40. Vernillo G., Agnello L., Drake A., Fiorella P, **Piacentini M.F.**, La Torre A. (2012) Cardiovascular response during an indoor race walking competition *J Sports Med Physical Fitness* 52(6):589-95 **SCI <1.0**
41. Capranica L, **Piacentini MF**, Halson S, Myburgh KH, Ogasawara E, Millard-Stafford M (2013) The Gender Gap in Sport Performance: Equity Influences Equality. *Int J Sports Physiol Perform*. 8, 99 – 103 **SCI 1.8**
42. De Pero R., Minganti C., Capranica L., Pesce C., and **Piacentini MF** (2013). The relationships between pre-competitive anxiety, self-efficacy and fear of injury in elite TeamGym athletes *Kinesiology* 45 1:63-72,
43. Guidotti F, Minganti C, Cortis C, **Piacentini MF**, Tessitore A, Capranica L. (2013) Validation of the Italian Version of the Student Athletes' Motivation Toward Sport and Academics Questionnaire accepted for publication *Sport Sci for Health* 9:51-58 **SCI <1.0**
44. **Piacentini MF**, De Ioannon G, Comotto S, Spedicato A, Vernillo G, La Torre A (2013) Concurrent strength and endurance training effects on running economy in master endurance runners" *Journal of Strength and Conditioning Research* 27(8):2295-2303, **SCI 1.8**
45. Demarie, S., Minganti, C., **Piacentini, M. F.**, Parisi, A., Cerulli, C., & Magini, V. (2013). Reducing anxiety in novel horse riders by a mechanical horse simulator. [Ridurre l'ansia nei cavalieri principianti mediante un simulatore meccanico del cavallo] *Medicina Dello Sport*, 66(2), 179-188.
46. Tonoli C, Heyman E, Roelands B, Buysse L, **Piacentini MF**, Berthoin S, Meeusen R. (2013) Diabetes Associated Cognitive Decline, Is there a role for exercise? *J Diabetes Metab* S10: 006. doi:10.4172/2155-6156.S10-006 **SCI 2.939**
47. Marusic, U., Kavcic, V., Gerzevic, M., **Piacentini, M.F.**, Meeusen, R., Pisot, R. (2014) Cognitive training during 14-day physical inactivity improves dual-task walking *Japanese Journal of Physical Fitness and Sports Medicine*, 63 (1), p. 162
48. **Piacentini MF**, Comotto S, Guerrieri A, Bonato M, Vernillo G, La Torre A (2014) Does the junior IAAF athletic world

- championship represent a springboard for the success in the throwing events? A retrospective study *The Journal of Sports Medicine and Physical Fitness* 54:1-2 **SCI 0.7**
49. Tonoli C, Heyman E, Roelands B, Pattyn N, Buyse L, **Piacentini MF**, Berthoin S, Meeusen R. (2014) Type 1 Diabetes-Associated Cognitive Decline: A Meta-Analysis; an update of the current literature. *Journal of Diabetes*, 6: 499–513. doi: 10.1111/1753-0407.12193. **SCI 2.349**
 50. Tonoli C, Heyman E, Buyse L, Roelands B, **Piacentini MF**, Bailey S, Pattyn N, Berthoin S, Meeusen R. (2015) Neurotrophins and cognitive functions in T1D compared with healthy controls: effects of a high-intensity exercise. *Appl Physiol Nutr Metab*. 40(1):20-27. doi: 10.1139/apnm-2014-0098. **SCI 2.01**
 51. **Piacentini MF**, Minganti C, Ferragina A, Ammendolia A, Capranica L and Cibelli G (2015) Stress related changes during a half marathon in master endurance athletes *Journal of Sports Medicine and Physical Fitness* 55:329-336
 52. Comotto S, Moci E, Bottoni A, **Piacentini MF** (2015) Analysis of Session-RPE and Profile of Mood States during a triathlon training camp *Journal of Sports Medicine and Physical Fitness* 55:361-367
 53. **Piacentini MF** and Meeusen R (2015) An online training monitoring system to prevent non functional overreaching" *International Journal of Sports Physiology and Performance*. 10, 524 -527
 54. Abeln V, MacDonald-Nethercott E, **Piacentini MF**, Meeusen R, Kleinert J, Strueder HK, et al. (2015) Exercise in Isolation- A Countermeasure for Electrocardiac, Mental and Cognitive impairments. *PLoS ONE* 10(5): e0126356. doi:10.1371/journal.pone.0126356
 55. De Ioannon G, Cibelli G, Mignardi S, Antonelli A, Capranica L, **Piacentini MF** (2015) Pacing and mood changes while crossing the Adriatic Sea from Italy to Albania: a case study *International Journal of Sports Physiology and Performance*, 10(4):520-3
 56. Tonoli C, Heyman E, Roelands B, Buyse L, **Piacentini MF**, Berthoin S, Bailey S, Pattyn N, Meeusen R. (2015) BDNF, IGF-I, Glucose and Insulin during Continuous and Interval Exercise in Type 1 Diabetes. *Int J Sports Med* 36(12):955-9
 57. Tellez HF, Morrison SA, Neyt X, Mairesse O, **Piacentini MF**, Macdonald-Nethercott E, Pangerc A, Dolenc-Groselj L, Eiken O, Pattyn N, Mekjavic IB, Meeusen R. (2016) Exercise during Short and Long-Term Continuous Exposure to Hypoxia Exacerbates Sleep-Related Periodic Breathing *Sleep* 39(4):773-783 doi: 10.5665/sleep.5626.
 58. Valenzano A, Moscatelli F, Triggiani AI, Capranica L, De Ioannon G, **Piacentini MF**, Mignardi S, Giovanni Messina, Villani S, Cibelli G (2016) Heart rate changes after ultra-endurance swim from Italy to Albania: a case report *Intern J Sports Physiol and Performance* 11(3):407-409
 59. **Piacentini MF**, Witard O, Tonoli C, Jackman SR, Turner JE, Kies AE, Jeukendrup AE, Tipton KD, Meeusen R. (2016) Effect of Intensive Training on Mood With No Effect on Brain-Derived Neurotrophic Factor *Int J Sport Physiol Perf* 11(6):824-830
 60. Decroix L, **Piacentini MF**, Rietjens G, and Meeusen R. (2016) Monitoring Physical and Cognitive Overload During a Training Camp in Professional Female Cyclists *Int J Sport Physiol Perf* 11(7):933-939. [Epub ahead of print]
 61. Picerno P, Iannetta D, Comotto S, Donati M, Pecoraro F, Zok M, Tollis G, Figura M, Valada C, Di Muzio D, Patrizio F, **Piacentini MF** (2016) 1RM prediction: a novel methodology based on the force-velocity and load-velocity relationships. *Eur J Appl Physiol* 116(10): 2035-2043 doi: 10.1007/s00421-016-3457-0.
 62. De Pero R, Cibelli R, Cortis C, Sbriccoli P, Capranica L, **Piacentini MF** (2016) Stress related changes during TeamGym competition *Journal of Sports Medicine and Physical Fitness* 56(5):639-47 **SCI 1.11**
 63. **Piacentini MF**, De Ioannon G, Cibelli G, Mignardi S, Antonelli A, Capranica L. (2017) Training for a 78km solo open water swim: a case report *Journal of Sports Medicine and Physical Fitness* 57(6):790-793
 64. Pizzuto F, Bonato M, Vernillo G, La Torre A, **Piacentini MF** (2017) Are the World Junior Championship finalists for middle and long-distance events currently competing at international level? *Int J Sport Physiol Perf* 12(3):316-321 DOI: 10.1123/ijssp.2015-0717
 65. Ten Haaf T, Staverson SV, Oudenhoven E, **Piacentini MF**, Meeusen R, Roelands B, Koenderman L, Daanen HA, Foster C and de Koning JJ (2017) Prediction of functional overreaching from subjective fatigue and readiness to train After Only 3 Days of Cycling. *Int J Sports Physiol and Perf* S2:87-94 DOI: [10.1123/ijssp.2016-0404](https://doi.org/10.1123/ijssp.2016-0404)
 66. Baldassarre R, Bonifazi M, Zamparo P, **Piacentini MF**. (2017) Characteristics and Challenges of Open-Water Swimming Performance: A Review. *Int J Sports Physiol Perform*. 2017 May 1:1-35. doi: 10.1123/ijssp.2017-0230. [Epub ahead of print]
 67. Vitale J, La Torre A, Baldassarre R, **Piacentini MF**, Bonato M, (2017) Ratings of Perceived Exertion and Self-reported Mood State in Response to High Intensity Interval Training. A Crossover Study on the Effect of Chronotype *Front. Psychol.*, 8:1232 | <https://doi.org/10.3389/fpsyg.2017.01232>
 68. Ten Haaf T, Staverson SV, Iannetta D, Roelands B, Meeusen R, **Piacentini MF**, Foster C, Koenderman L, Daanen HA, and de Koning JJ (2017) Changes in Choice Reaction Time During and After 8 Days Exhaustive Cycling are not Related to Changes in Physical Performance *Int J Sports Physiol and Perf* <https://doi.org/10.1123/ijssp.2017-0218>
 69. van Staveren S, ten Haaf T, Klopping M, Hilvering B, Tinnevelt GH, de Ruyter K, **Piacentini MF**, Bart Roelands B, Meeusen R, de Koning JJ, Jansen JJ, Vriskoop N, Koenderman L (2018) Multi-dimensional flow cytometry analysis reveals increasing changes in the systemic neutrophil compartment during seven consecutive days of endurance exercise *PLOS ONE* <https://doi.org/10.1371/journal.pone.0206175>
 70. Filipas L, Nerli Ballati E, Bonato M, La Torre A, Piacentini MF (2018) Elite male and female 800-m runners display different pacing strategies during seasons best performances *Int J Sports Physiol and Perf* Vol 13 issue 10: 1344-1348 <https://doi.org/10.1123/ijssp.2018-0137>

71. Baldassarre R, Sacchetti M, Patrizio F, Nicolò A, Scotto di Palumbo A, Bonifazi M, **Piacentini MF** (2018) Carbohydrate supplementation does not improve 10 km swimming intermittent training accepted on Sports special issue Physiological Responses During Exercise, 6(4), 147; doi:10.3390/sports6040147
72. Guerriero A, Valada C, **Piacentini MF** (2018). The role of velocity based training in the strength periodization for modern athletes Journal of Functional Morphology and Kinesiology special issue Resistance Training for Performance and Health, 3(4), 55; doi:10.3390/jfmk3040055
73. Ten Haaf T, Foster C, Meeusen R, Roelands B, **Piacentini MF**, van Staveren S, Koenderman L and de Koning J (2019) Submaximal heart rate seems inadequate to prescribe and monitor intensified training European Journal of Sport Science, 19(8): 1082-91 DOI: 10.1080/17461391.2019.1571112
74. Baldassarre R, Bonifazi M, Meeusen R, **Piacentini MF** (2019) The Road to Rio: A Brief Report of Training-Load Distribution of Open-Water Swimmers During the Olympic Season Int J Sports Physiol and Perf Vol 14 (2) 260-264 <https://doi.org/10.1123/ijspp.2017-0845>
75. Baldassarre R, Pennacchi M, La Torre, A, Bonifazi M, **Piacentini MF** (2019) Do the fastest open-water swimmers have a higher speed in middle- and long-distance pool swimming events? Journal of Functional Morphology and Kinesiology special issue Athletic Training and Human Performance 4:15, doi:10.3390/jfmk4010015
76. Baldassarre R, Bonifazi M, **Piacentini MF** Pacing profile in the main international open-water swimming competitions (2019) Eur J Sports Sci Vol. 19, No. 4, 422–431 DOI: 10.1080/17461391.2018.1527946
77. **Piacentini MF**, Bianchini L.A, Minganti C, Sias M, Di Castro A, Vleck V. (2019) Is the Bike Segment of Modern Olympic Triathlon More a Transition towards Running in Males than It Is in Females? accepted on Sports special issue Maximizing triathlon health and performance; the state of the Art 7, 76; doi:10.3390/sports7040076
78. **Piacentini MF**, Reda D, Minganti C, Baldassarre R, Tarperi C, Festa L, Skroce K, Schena F, La Torre A (2019) Pacing profiles of master athletes according to their predicted finishing time Movement and Sport Sciences-Science et Motricité 104:37-44 doi.org/10.1051/sm/2019016
79. **Piacentini MF**, Vleck V and Lepers R. (2019) Effect of age on sex difference in Ironman triathlon performance . Movement and Sport Sciences-Science et Motricité DOI: <https://doi.org/10.1051/sm/2019030>
80. Bonato M, Turrini F, De Zan V, Meloni A, Plebani M, Brambilla E, Giordani A, Vitobello C, Caccia R, **Piacentini MF**, La Torre A, Lazzarin A, Merati G, Galli L, Cinque P. (2020) A mobile application for exercise intervention in people living with HIV Med Sci Sports Exerc 52(2) 425-433 DOI: 10.1249/MSS.0000000000002125
81. Ieno C, Baldassarre R, Quagliarotti C, Bonifazi M, **Piacentini MF**. (2020) Session RPE breakpoints corresponding to intensity thresholds in elite open water swimmers Journal of Functional Morphology and Kinesiology special issue Overtraining Prevention, 5(1), 21; <https://doi.org/10.3390/jfmk5010021>
82. Baldassarre, Roberto, Ieno, Cristian, Bonifazi, Marco, & **Piacentini, Maria Francesca**. (2021). Pacing and Hazard Score of Elite Open Water Swimmers During a 5-km Indoor Pool Race. *International Journal of Sports Physiology and Performance*. Advance online publication. <https://doi.org/10.1123/ijspp.2020-0197>.
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