

[Giuseppe Coratella]

CURRICULUM VITAE

INFORMAZIONI PERSONALI

COGNOME	CORATELLA
NOME	GIUSEPPE
DATA DI NASCITA	

Ai sensi dell'art. 46 e 47 del DPR 445/2000, dichiaro che le informazioni inserite nel mio CV corrispondono a verità, essendo consapevole dell'eventuale applicazione dell'art.76 dello stesso articolo in caso di dichiarazione mendace.

ATTIVITÀ ACCADEMICA E DIDATTICA

- A.A. 2020/21- ad oggi**
- Titolare Corso di Teoria e Metodologia dell'Allenamento (L-22)
 - Docente Corso di Metodi di Valutazione delle Capacità Motorie (LM-68)
 - Docente Corso di Teoria e Metodologia dell'Allenamento degli Sport Individuali e delle Discipline Atletiche (LM-68)
 - Docente Corso di Periodizzazione dell'Allenamento negli Sport Individuali
 - Coordinatore del Corso di Perfezionamento in "Allenamento della forza per la prevenzione degli infortuni ed il ritorno allo sport" (BZ2)

02/10/2022

- Professore Associato presso l'Università degli Studi di Milano, Dipartimento di Scienze Biomediche per la Salute

01/10/2019 – 01/10/2022

- Ricercatore a Tempo Determinato (lettera B) presso l'Università degli Studi di Milano, Dipartimento di Scienze Biomediche per la Salute

A.A. 2017/18 – 2019/20

- Responsabile per l'Italia del Corso Europeo in Elite Strength and Conditioning, finanziato dal programma Erasmus+
- Membro del Collegio dei Docenti della Scuola di Dottorato in Medicina Traslazionale, Università degli Studi di Milano
- Membro e Segretario della Giunta del Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano.
- Membro del Comitato di Direzione della Scuola di Scienze Motorie, Università degli Studi di Milano
- Membro della Commissione Contratti della Scuola di Scienze Motorie, Università degli Studi di Milano
- Titolare del corso "Teoria, Tecnica e Didattica dell'Attività Motoria per l'Adulto e Anziano", Corso di Laurea Magistrale in Scienze dell'Attività Fisica per il Benessere (LM-67)

01/11/2016 – 30/09/2019

- Ricercatore a Tempo Determinato (lettera A) presso l'Università degli Studi di Milano, Dipartimento di Scienze Biomediche per la Salute

01/09/2015 – 28/02/2017

Lecturer/Ricercatore presso l'Université de Franche-Comté, UPFR des Sports, Besançon, France.

- Corso triennale in "Strength and Conditioning";
- Corso Magistrale in "Exercise Physiology";
- Corso Magistrale in "Statistics and Research Design"

15/11/2014 – 15/04/2015

15/11/2012 –14/11/2013 Borsa post-dottorato presso l'Università degli Studi di Verona, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento
Assegno di Ricerca presso l'Università degli Studi di Verona, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento

01/09/2009 – 30/06/2015 Cultore della materia e coordinatore delle esercitazioni per i seguenti corsi accademici presso l'Università degli Studi di Verona

- Laurea Triennale in Scienze delle Attività Motorie e Sportive per il corso di *"Potenziamento muscolare"*.
- Laurea Triennale in Scienze delle Attività Motorie e Sportive per il corso di *"Teoria e Metodologia dell' Allenamento"*
- Laurea Magistrale di Scienze e Tecniche dello Sport per il corso di *"Progettazione e Conduzione dell'Esercizio Fisico"*

ISTRUZIONE

**01/04/2009 -
22/06/2012** Ph.D. in Scienze dell'Esercizio Fisico e del Movimento Umano, Scuola di Dottorato di Scienze Biomediche Traslazionali, Università degli Studi di Verona
Titolo della Tesi di Dottorato: *"Muscle damage, repeated bout effect and training induced changes by different eccentric modalities"*
Supervisors: Prof. Federico Schena and Prof. Franco M. Impellizzeri

22/10/2008 Laurea Magistrale in Scienze e Tecniche dello Sport presso l'Università degli Studi di Verona
Titolo della tesi: *"Costo energetico della corsa in atleti di sport non anti-gravitari"*
Votazione finale: 110/110
Relatore: Prof. Federico Schena

Novembre 2007	Master Universitario di I livello “Preparazione fisica negli sport di squadra nel settore giovanile” presso l’Università degli Studi di Verona
19/10/2006	<p>Laurea Triennale in Scienze delle Attività Motorie e Sportive presso l’Università degli Studi di Verona.</p> <p>Titolo della Tesi “<i>Costo Energetico del Nordic Walking vs cammino al variare della pendenza e della velocità</i>”.</p> <p>Votazione finale: 105/110</p> <p>Relatore: Prof. Federico Schena</p>
Settembre-Dicembre 2005.	Vincitore di una Borsa di Mobilità Erasmus presso la NTNU, Trondheim, Norvegia
<i>Finanziamenti per attività di ricerca</i>	
01/09/2019-31/08/2021	<p>Erasmus+ KA2 “exchange of good practices” 2019.</p> <p>Total grant: 131.173,00 Euro.</p>
2020	<p>Euro 15.000</p> <p>Finanziamento interno Linea-2 del Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano</p> <p>Titolo del progetto: “<i>New insights on the passive stretch-induced decrease in muscle activation: a novel spatial-mapping highdensity surface electromyographic approach</i>”</p> <p>Proponenti: Dott. Giuseppe Coratella, Prof. Stefano Longo</p>
2019	<p>Euro 15.000</p> <p>Finanziamento interno Linea-2 del Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano</p>

Titolo del progetto: “*Evaluation of the effect of exercise on erythroferrone levels*”

Proponenti: Dott. Elena Gammella, **Dott. Giuseppe Coratella**

2018

Euro 15.000

Finanziamento interno Linea-2 del Dipartimento di Scienze Biomediche per la Salute, Università degli Studi di Milano

Titolo del progetto: “*Correlation between quadriceps and gastrocnemii muscle architecture and peak power output in an all-out Wingate biking test*”.

Proponenti: Prof. Fabio Esposito, **Dott. Giuseppe Coratella**

Attività Scientifica

Aree di ricerca

1. Effetti cronici dell'esercizio eccentrico vs tradizionale e concentrico su forza, architettura e massa muscolare
2. Cinetica del recupero muscolare in seguito ad allenamento eccentrico
3. Caratterizzazione neuromuscolare e allenamento dei pazienti affetti da broncopneumopatia cronico ostruttiva (BPCO)
4. Caratterizzazione delle attività locomotorie nel calcio (soccer) e calcetto (futsal)
5. Caratterizzazione delle attività locomotorie nel Hurling

Reviewer Editor per la Rivista *Frontiers in Sports and Active Living*

Attività di revisore scientifico

Reviewer Editor per la Rivista *Frontiers in Psychology*

Guest Editor per la Rivista *Frontiers in Physiology* per lo Special Issue: *Resistance Training and its role in Chronic Disease Prevention and Treatments: Overweight/Obesity*

Guest Editor per la Rivista Scientifica *International Journal of Environmental Research and Public Health* per lo Special

Issue: “*Resistance Exercise/Training to Improve Physical Fitness and Health*”

Guest Editor per la Rivista Scientifica *Frontiers in Physiology* per lo Special Issue: “*Assessing neuromuscular fatigue from a multilevel perspective in real-life contexts*”

Revisore per l’Università degli Studi di Verona per il Bando Joint Projects 2018

Revisore per le seguenti riviste impattate:

- *Scandinavian Journal of Medicine and Science in Sport*
- *Journal of Sport Sciences*
- *European Journal of Sport Science*
- *Frontiers in Physiology*
- *PLOS one*
- *Journal of Strength and Conditioning Research*
- *International Journal of Sport Medicine*
- *Research in Sport Medicine*
- *Sports*
- *Biology of Sports*
- *The Journal of Sport Medicine and Physical Fitness*
- *Sport Sciences for Health*

Collaborazioni Internazionali

- Prof. Barry Drust, School of Sport and Exercise Sciences, Faculty of Sciences, John Moore University, Liverpool, UK.
- Prof. Nicolas Tordi, Direttore Facoltà di Scienze Motorie, Université de Bourgogne Franche-Comté, Besançon, Francia
- Dr. Marco Beato, Senior Lecturer e Course Leader in Strength and Conditioning, Department of Science and Technology, University of Suffolk, Ipswich, UK
- Dr. Damien Young, Lecturer presso la Sports Science Faculty, University of Limerick, Limerick, Irlanda
- Kieran Collins, Direttore presso il Gaelic Sports Research Centre, Technology University Dublin, Dublin, Irlanda

- Dr. Laurent Mourot, Senior Lecturer presso l'Université de Bourgogne Franche-Comté, Besançon, Francia
- Dr. Sidney Grosprêtre, Lecturer presso l'Université de Bourgogne Franche-Comté, Besançon, Francia
- Dr. Philippe Gimenez, Lecturer presso l'Université de Bourgogne Franche-Comté, Besançon, Francia
- Prof. Marco Barbero, Scuola Universitaria Professionale della Svizzera Italiana, Manno, Svizzera.
- Dr. Corrado Cescon, Scuola Universitaria Professionale della Svizzera Italiana, Manno, Svizzera.
- Dr. Matteo Beretta-Piccoli, Scuola Universitaria Professionale della Svizzera Italiana, Manno, Svizzera.

Collaborazioni nazionali

- Prof. Federico Schena, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento, Università degli Studi di Verona, Verona, Italia
- Prof. Alberto Rainoldi, Dipartimento di Scienze Mediche, Università degli Studi di Torino, Torino, Italia
- Prof. Massimo Lanza, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento, Università degli Studi di Verona, Verona, Italia
- D.ssa Francesca Vitali, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento, Università degli Studi di Verona, Verona, Italia
- D.ssa Chiara Milanese, Dipartimento di Scienze Neurologiche, Morfologiche e del Movimento, Università degli Studi di Verona, Verona, Italia
- Dr. Gennaro Boccia, Dipartimento di Scienze Mediche, Università degli Studi di Torino, Torino, Italia

- Dr. Davide Dardanella, Dipartimento di Scienze Mediche, Università degli Studi di Torino, Torino, Italia

Pubblicazioni in riviste peer-reviewed indicizzate

1. Bartolomei S., Caroli E., Coloretti V., Rosaci G., Cortesi M., **Coratella G.**

“Flat-back vs. arched-back bench press: examining the different techniques performed by power athletes
Journal of Strength and Conditioning Research, 2024,
Ahead of print

DOI: 10.1519/JSC.0000000000004778

2. Toninelli N.*. **Coratella G.***, Longo S., Romani G., Doria C., Rampichini S., Limonta E., Esposito F., Cè E.

“*Synergistic difference in the effect of stretching on electromechanical delay components*”

PLoS One, 2024, 19(3):e300112

DOI: 10.1371/journal.pone.0300112

3. **Coratella G.***, Varesco G.*, Rozand V., Cuinet B., Sansoni V., Lombardi G., Vernillo G., Mourot L.

“*Downhill running increases markers of muscle damage and impairs the maximum voluntary force production as well as the late phase of the rate of voluntary force development*”

European Journal of Applied Physiology, 2024, Epub ahead of print

DOI: 10.1007/s00421-023-05412-z

4. Beato M., De Keijzer K., Munoz-Lopez A., Raya-Gonzalez J., Pozzo M., Alkner B.A., Dello Iacono A., Vicens-Bordas J., **Coratella G.**, Maroto Izquierdo S., Gonzalo-Skok O., McErlain-Naylor S.A., Martin-Rivera F., Hernandez-Davo J.L., Suarez Arrones L., Sabido R., de Hoyo M., Fernandez-Gonzalo R., Norrbrand L.

“Current Guidelines for the Implementation of Flywheel Resistance Training Technology in Sports: A Consensus Statement”

Sports Medicine, 2024, epub ahead of print

DOI: 10.1007/s40279-023-01979-x

5. Campa F.*, **Coratella G.***, Cerullo G., Stagi S., Paoli S., Marini S., Grigoletto A., Moroni A., Petri C., Andreoli A., Ceolin C., Degan R., Izzicupo P., Sergi G., Mascherini G., Micheletti Cremasco M., Marini E., Toselli S., Moro T., Paoli A.

“New bioelectrical impedance vector references and phase angle centile curves in 4,367 adults: The need for an urgent update after 30 years”

Clinical Nutrition, 2023, 42:1749-1758

DOI: 10.1016/j.clnu.2023.07.025

6. Riboli A., Esposito F., **Coratella G.**

“Technical and locomotor demands in elite soccer: manipulating area per player during small-sided games to replicate official match demands”

Biology of Sport, 2023, 40(3): 639-647

DOI: 10.5114/biolsport.2023.118338

7. **Coratella G.**, Tornatore G., Longo S., Toninelli N., Padovan R., Esposito F., Cè E.

“Biceps Brachii and Brachioradialis Excitation in Biceps Curl Exercise: Different Handgrips , Different Synergy”

Sports, 2023, 11:64.

DOI: 10.3390/sports11030064

8. **Coratella G.**, Tornatore G., Longo S., Esposito F., Cè E.

“Bilateral biceps curl shows distinct biceps brachii and anterior deltoid excitation comparing straight vs. ez barbell coupled with arms flexion / no-flexion”

Journal of Functional Morphology and Kinesiology, 2023, 8,13.

DOI: 10.3390/jfmk8010013

9. Keane J., Malone S., Eamonn G., Young D., **Coratella G.**, Collins K.

“The influence of playing standard on the positional running performance profiles during hurling match-play”

Sport Science for Health, 2023 Epub ahead of print

DOI: 10.1007/s11332-022-01019-7

10. **Coratella G.**, Cè E., Doria C., Borrelli M., Toninelli N., Rampichini S., Limonta E., Longo S., Esposito E.

“Is the Interpolated-Twitch Technique-derived Voluntary Activation just Neural? Novel Perspectives from Mechanomyographic Data”

Medicine and Science in Sport and Exercise, 2022, October, Epub ahead of print

DOI: 10.1249/MSS.0000000000003076

11. Weaving D., Young D., Riboli A., Jones B., **Coratella G.**

“The maximal intensity period: rationalizing its use in team sports practice”

Sports Medicine Open, 2022, 8:128

DOI: 10.1186/s40798-022-00519-7

12. **Coratella G.**, Tornatore G., Longo S., Esposito F., Cè E.

“Front vs Back and Barbell vs Machine Overhead Press: An Electromyographic Analysis and Implications for Resistance

Training

Frontiers in Physiology, 2022, 13:825880

DOI: 10.3389/fphys.2022.825880

13. Coratella G.

“Appropriate reporting of exercise variables in resistance training protocols: much more than load and number of repetitions”

Sports Medicine Open, 2022, 8:99

DOI: 10.1186/s40798-022-00492-1

14. Campa F., Matias C., Texeira F., Reis J., Valamatos M., Coratella G.*, Monteiro C.

“Comparison of generalised and athletic bioimpedance-based predictive equations for estimating fat-free mass in resistance-trained exercisers”

Nutrition, 2022, Epub ahead of print

DOI: 10.1016/j.nut.2022.111694

15. Varesco G.*, Coratella G.*, Rozand V., Cuinet B., Lombardi G., Mourrot L., Vernillo G.

“Downhill running affects the late but not the early phase of the rate of force development”

European Journal of Applied Physiology, 2022, Epub ahead of print

DOI: 10.1007/s00421-022-04990-8

16. Cè E.*, Coratella G.*, Doria C., Borrelli M., Rampichini S., Limonta E., Longo S., Esposito F.

“Determining voluntary activation in synergistic muscles: a novel mechanomyographic approach”

European Journal of Applied Physiology, 2022 May, Epub ahead of print.

DOI: 10.1007/s00421-022-04966-8

17. Riboli A., Esposito F., **Coratella G.**
“Small-Sided Games in Elite Football: Practical Solutions to Replicate the 4-min Match-Derived Maximal Intensities”
Journal of Strength and Conditioning Research, 2022
March, Epub ahead of print
DOI: 10.1519/JSC.0000000000004249

18. **Coratella G.**, Galas A., Campa F., Pedrinolla A., Schena F., Venturelli M.
“The eccentric phase in unilateral resistance training enhances and preserves the contralateral knee extensors strength gains after detraining in women: a randomized controlled trial”
Frontiers in Physiology, 2022, 13:788473
DOI: 10.3389/fphys.2022.788473

19. **Coratella G.**, Tornatore G., Longo S., Esposito F., Cè E.
“An electromyographic analysis of Romanian, step-Romanian, and stiff-leg deadlift: implication for resistance training”
International Journal of Environmental Research and Public Health, 2022 February, 19:1903
DOI: 10.3390/ijerph19031903

20. Rampichini S., **Coratella G.**, Cè E., Longo S., Doria C., Borrelli M., Padulo J., Shokohyar S., Michielon G., Limonta E., Esposito F.
“Effects of 8-week oral splint usage on body flexibility and muscle strength-endurance performance in Pilates practitioners”
Sports Sciences for Health, 2022, Epub ahead of print
DOI: 10.1007/s11332-022-00942-z

21. Campa F., Gobbo L., Stagi S., Cyrino L.T., Toselli S., Marini E., **Coratella G.**

“Bioelectrical impedance analysis versus reference methods in the assessment of body composition in athletes”

European Journal of Applied Physiology, 2022, 122(3):561-589.

DOI: 10.1007/s00421-021-04879-y

22. O’Grady M.*, Young D.*, Kollins K., Keane J., Malone S., **Coratella G.**

“An investigation of the sprint performance of senior elite camogie players during competitive play”

Sports Sciences for Health, 2022, Epub ahead of print

DOI: 10.1007/s11332-021-00874-0

23. Campa F., **Coratella G.**

“Athlete or non-athlete? This is the question in body composition”

Frontiers in Physiology, 2021 December, 12:814572

DOI: 10.3389/fphys.2021.814572

24. Campa F. *, Bongiovanni T.*, Trecroci A., Rossi A., Greco G., Pasta G., **Coratella G.**

“Effects of the COVID-19 Lockdown on Body Composition and Bioelectrical Phase Angle in Serie A Soccer Players: A Comparison of Two Consecutive Seasons”

Biology 2021, 10, 1175

DOI: 10.3390/biology10111175

25. Riboli A., Dellal A., Esposito F., **Coratella G.**

“Can small-sided games assess the training-induced aerobic adaptations in elite football players?”

The Journal of Sport Medicine and Physical Fitness, 2021
November, epub ahead of print
DOI: 10.23736/S0022-4707.21.13144-5

26. Egan B., Young D., Collins K., Malone S., **Coratella G.**
“The between-competition running demands of elite Hurling match-play”
Sports, 2021, 9, 145
DOI: 10.3390/sports9110145

27. Cè E., Venturelli M., Bisconti A.V., Longo S., Pedrinolla A., Coratella G., Schena F., Esposito E.
“Long-Term Passive Leg Stretch Improves Systemic Vascular Responsiveness as much as Single-Leg Exercise Training”
Medicine and Science in Sport and Exercise, 2021 October,
Epub ahead of print
DOI: 10.1249/MSS.0000000000002811

28. Coratella G.*, Longo S.*, Rampichini S., Doria C., Borrelli M., Limonta E., Michielon G., Cé E., Esposito F.
“Passive stretching decreases muscle efficiency in balance tasks”
PlosOne, 2021, 19(6):e256656
DOI: 10.1371/journal.pone.0256656

29. Coratella G., Beato M., Bertinato L., Milanese C., Venturelli M., Schena F.
“Including the eccentric phase to counteract the effects of detraining in women: a randomized-controlled trial”
Journal of Strength and Conditioning Research, 2021
September, Epub ahead of print
DOI: 10.1519/JSC.0000000000004039

30. Bishop C., **Coratella G.**, Beato M.

“Intra- and Inter-Limb Strength Asymmetry in Soccer: A Comparison of Professional and Under-18 Players”

Sports, 2021, 9:129

DOI: 10.3390/sports9090129

31. Osco K.M.*, Campa F. *, **Coratella G.***, Correa B.D., de Alencar Silva B.S., dos Santos V.R., Milanez V.F., Gobbo L.

“Resistance but not elastic tubes training improves bioimpedance vector patterns and body composition in older women: A randomized trial”

Experimental Gerontology, 2021 August, Epub ahead of print

DOI: 10.1016/j.exger.2021.111526

32. Campa F., Levi Micheli M., Pompignoli M., Cannataro R., Gulisano M., Toselli S., Greco G., **Coratella G.**

“The Influence of Menstrual Cycle on Bioimpedance Vector Patterns, Performance, and Flexibility in Elite Soccer Players”

International Journal of Sports Physiology and Performance, 2022, 17(1):58-66

DOI: 10.1123/ijsp.2021-0135

33. **Coratella G.***, Campa F. *, Matias C.N., Toselli F., Koury J.C., Andreoli A., Sardinha L.B.,

“Generalized bioelectric impedance-based equations underestimate body fluids in athletes”

Scandinavian Journal of Medicine and Science in Sport, 2021, 31(11):2123-2132.

DOI: 10.1111/SMS.14033

34. Riboli A., Olthof S., Esposito F., **Coratella G.**

“Training elite youth soccer players: area per player in small-sided games to replicate the match demands”

Biology of Sport, 2022, 39(3):579-598

DOI: 10.5114/biol sport.2022.106388

35. Riboli A., Rampichini S., Cè E., Limonta E., Borrelli M., **Coratella G.**, Esposito F.

“Training status affects between-protocols differences in the assessment of maximal aerobic velocity”

European Journal of Applied Physiology, 2021 July Epub ahead of print

DOI: 10.1007/s00421-021-04763-9

36. Allen W.G.C., De Keizer K.L., Raya-Gonzalez J., Castillo D., **Coratella G.**, Beato M.

“Chronic effects of flywheel training on physical capacities in soccer players: a systematic review”

Research in Sports Medicine, 2021 July, Epub ahead of print

DOI: 10.1080/15438627.2021.1958813

37. Campa F., Toselli S., Mazzilli M., Gobbo S., **Coratella G.**

“Assessment of body composition in athletes: a narrative review of available methods with special reference to quantitative and qualitative bioimpedance analysis”

Nutrients, 2021, 13:1620

DOI: 10.3390/nu13051620

38. **Coratella G.***, Cè E. *, Doria C., Borrelli M., Longo S., Esposito F.

“Neuromuscular correlates of the contralateral stretch-induced changes”

Medicine and Science in Sport and Exercise, 2021,
53(10):2066-2075

DOI: 10.1249/MSS.0000000000002677

39. Emiliano Cè*, **Coratella G***, Doria C., Rampichini S.,
Borrelli M., Longo S., Esposito F.

*“No effect of passive stretching on neuromuscular function
and maximum force-generating capacity in the antagonist
muscle”*

European Journal of Applied Physiology, 2021, 121(7):1955-
1965

DOI: 10.1007/s00421-021-04646-z

40. Young D., Hennessey L., **Coratella G.**

*“The ball-in-play vs. ball-out-of-play match demands of elite
senior hurling”*

Sport Sciences for Health, 2021 March, Epub ahead of print

DOI: 10.1007/s11332-020-00725-4

41. Longo S., Cè E., Bisconti A.V., Rampichini S., Doria C.,
Borrelli M., Limonta E., **Coratella G.**, Esposito F.

*“The effects of 12 weeks of static stretch training on the
functional, mechanical, and architectural characteristics of
the triceps surae muscle-tendon complex”*

European Journal of Applied Physiology, 2021 March, Epub
ahead of print

DOI: 10.1007/s00421-021-04654-z

42. Riboli A., Esposito F., **Coratella G.**

*“The distribution of match activities relative to the maximal
intensities in elite soccer players: implications for practice”*

Research in Sports Medicine, 2021 February, Epub ahead
of print.

DOI: 10.1080/15438627.2021.1895788

43. Riboli A.*, **Coratella G.***, Rampichini S., Limonta E., Esposito F.

“Testing protocol affects the velocity at VO₂max in semi-professional soccer players”

Research in Sports Medicine, 2021 January, Epub ahead of print

DOI: 10.1080/15438627.2021.1878460

44. Keane J., Malone S., Keogh C., Young D., **Coratella G.**, Collins K.

“A comparison of anthropometric and performance profiles between elite and sub-elite Hurling players”

Applied Sciences, 2021, 11:954

DOI: 10.3390/app11030954

45. **Coratella G.**, Tornatore G., Caccavale F., Longo S., Esposito F., Cè E.

“The activation of gluteal, thigh and lower back muscles in different squat variations performed by competitive bodybuilders: implication for resistance training”

International Journal of Environmental Research and Public Health, 2021, 18(2): 772

DOI: 10.3390/ijerph18020772

46. Beato M., Stiff A., Young D., **Coratella G.**

“Lower-limb muscle strength, anterior-posterior and inter-limb asymmetry in professional, elite academy and amateur soccer players”

Journal of Human Kinetics, 2021, 77(1):135-146

DOI: 10.2478/hukin-2020-0058

47. Young D., **Coratella G.**

“Acceleration, deceleration and dynamic stress load in elite hurling: a between-quarter and between-position comparison”

Sports, 2021, 9,10.

DOI: 10.3390/sports9010010

48. Malone S., Kean J., Owen A., **Coratella G.**, Young D., Collins K.

“The effects of a periodized small-sided games intervention in hurling on physical and physiological measures of performance”

Sport Science for Health, 2021 January, Epub ahead of print

DOI: 10.1007/s11332-020-00703-w

49. Young D., Kilty J., Hennessey L., **Coratella G.**

“The running performance decrement in elite Hurling”

Applied Sciences, 2020, 10:8191

DOI: 10.3390/app10228191

50. Coratella G., Tornatore G., Longo S., Borrelli M., Doria C., Esposito F., Cè E.

“The effects of verbal instructions on lowerlimb muscles’ excitation in back-squat”

Research Quarterly for Exercise and Sport, 2020 November, Epub ahead of print.

DOI: 10.1080/02701367.2020.1840496

51. Beato M., De Keijzer K.L., Fleming A., Coates A., La Spina O., **Coratella G.**, McErlain-Naylor S.A.

“Post flywheel squat vs flywheel deadlift potentiation of lower limb isokinetic peak torques in male athletes”

Sports Biomechanics, 2020 October, Epub ahead of print

DOI: 10.1080/14763141.2020.1810750

52. Limonta E., Invernizzi P.L., Rampichini S., Bisconti A.V., Cè E., Longo S., **Coratella G.**, Iaia M.F., Esposito F.

“Acute carnosine and β -alanine supplementation increases the compensated part of the ventilation vs work rate relationship during a ramp incremental cycle test in physically active men”

The Journal of Sport Medicine and Physical Fitness, 2020
October 22, Ahead of Print

DOI: 10.23736/S00224707.20.10887

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20. Rinaldo N, **Coratella G**, Depedri R, Milanese C, Rossi A, Schena F, Lanza M.

Poster at XXXII World Congress of Sport Medicine, Rome 2012, September, 27-29

“Concentric and Eccentric Torque in COPD patients”

21. **Coratella G**, Impellizzeri F M, Schena F.

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22. **Coratella G**, Annicchiarico M, Trepin M, Impellizzeri F M, Schena F. Oral Presentation at XVII European Congress of Sport Science, Bruges, 2012, July 05-07

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23. **Coratella G.**, Giorgi G., Impellizzeri F.M., Schena F.

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“Effects of Squat Flywheel Training on Strength, Muscle Structure and Performance”.

24. **Coratella G.**, Impellizzeri F.M., Schena F.

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“Comparison of the Effect of Isokinetic Vs Isotonic Eccentric Training on Muscle Strength and Mass “

**ATTIVITÀ NON-
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