

## 个人简介

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**刘鸿优**，男，江西赣州人，1986 年出生。现任华南师范大学体育科学学院教授、博士研究生导师，“爱思唯尔(Elsevier)中国高被引学者（2020/2021/2022）”（体育学全国唯一连续三年入选者），中国足球协会超级联赛技术调研组成员，广东省“珠江人才计划”青年拔尖人才、华南师范大学“高层次人才特殊支持计划”青年拔尖人才。博士毕业于西班牙马德里理工大学/马德里自治大学，主要研究方向为足球比赛表现与训练监控。熟练掌握英语和西班牙语。近年来，公开发表 SCI/SSCI 期刊论文 30 余篇，在“Web of Science”数据库（核心集），论文被引用频次 800 余次；发表 CSSCI 期刊论文 20 余篇、其他中文期刊论文 10 余篇，在“中国知网”数据库，论文被引用频次 700 余次；在“谷歌学术”数据库，所有论文被引用频次 1700 余次。主持国家社会科学基金 1 项，省级课题 2 项，市厅级和校级课题各 1 项，横向课题 2 项，参与省级课题 1 项。目前担任《Journal of Sports Sciences》等 20 余份国际期刊，《中国体育科技》、《上海体育学院学报》、《体育学刊》、《体育与科学》、《成都体育学院学报》、《广州体育学院学报》等国内期刊特邀审稿人、评委。曾担任波兰足球乙级联赛 MMKS Concordia Elblag 足球俱乐部、西班牙足球丙级联赛 C.D. Madridejos 足球俱乐部助理教练、表现分析师。详细简历如下页。



### 第一作者/通讯作者:

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# 兼 职 / 课 题 / 获 奖 简 况

## 期 刊 评 委

Journal of Sports Sciences (英国, SCI 期刊)、Science and Medicine in Football (英国, SCI 期刊)、Research Quarterly for Exercise and Sport (美国, SCI 期刊)、European Journal of Sport Science (英国, SCI 期刊)、Plos One (美国, SCI 期刊)、International Journal of Performance Analysis in Sport (英国, SCI 期刊)、Biology of Sport (波兰, SCI 期刊)、Frontiers in Physiology (瑞士, SCI 期刊)、Human Movement Science (荷兰, SSCI 期刊)、Frontiers in Psychology (瑞士, SSCI 期刊)、International Journal of Environmental Research and Public Health (瑞士, SSCI 期刊)、International Journal of Sports Science and Coaching (英国, SSCI 期刊)、Journal of Applied Statistics (英国, SSCI 期刊)、Perceptual and Motor Skills (美国, SSCI 期刊)、Journal of Quantitative Analysis of Sports (美国, SJR 期刊)、Revista Internacional de Ciencias del Deporte (西班牙, SJR 期刊)

中国体育科技 (CSSCI 期刊)、上海体育学院学报 (CSSCI 期刊)、体育学刊 (CSSCI 期刊)、体育与科学 (CSSCI 期刊)、成都体育学院学报 (CSSCI 期刊)、广州体育学院学报 (中文核心期刊)、体育科研

## 参 与 科 研 课 题 与 实 践

- 2019 年 1 月至今 国家级课题--“我国职业足球运动表现的生产率模型构建研究” [2019 年度国家社会科学基金项目, 金额: 20 万元, 编号: 19CTY014, 主持]
- 2019 年 1 月至今 省级课题--“基于新型数学模型下的竞技运动表现量化与评估体系构建” [广东省体育科技协同创新中心子课题, 金额: 20 万元, 主持]
- 2017 年 5 月-2019 年 7 月 市厅级课题--“广州市大学生足球运动员训练与比赛负荷特征研究” [广州市哲学社科“十三五”规划课题, 金额: 5 万元, 编号: 2017GZYB11, 主持]
- 2017 年 4 月-2018 年 12 月 华南师范大学横向科研课题--“大学生五体球比赛运动负荷特征研究” [金额: 10 万元, 编号: 506-339164, 主持]
- 2017 年 3 月-2018 年 12 月 省级课题--“足球大数据分析方法与实证运用” [广东省普通高校青年创新人才项目, 金额: 5 万元, 编号: 2016WQNCX015, 主持]
- 2016 年 12 月-2018 年 12 月 校级课题--“大数据背景下的足球技战术表现分析” [金额: 1.5 万元, 编号: 16SK07, 主持]
- 2016 年 6 月-2018 年 12 月 华南师范大学横向科研课题--“团队运动项目训练与比赛表现特征研究” [金额: 5 万元, 编号: 506-331292, 主持]
- 2015 年 11 月-2017 年 10 月 省级课题--“足球运动员技战术运用效果自动跟踪技术的研发与应用” [上海市科学技术委员会资助, 金额: 80 万元, 编号: 15490503200, 排名 6]
- 2014 年 2 - 6 月 波兰埃尔布兰格 波兰足球乙级联赛 MMKS Concordia Elblag 足球俱乐部 技术助理
- 2013 年 9 -11 月 西班牙托雷多 西班牙足球丙级联赛 C.D. Madrideo 足球俱乐部 技术助理

## 获 奖 情 况

- 2021/2022/2023 年 4 月 “爱思唯尔(Elsevier)中国高被引学者”
- 2019 年 12 月 华南师范大学“高层次人才特殊支持计划”青年拔尖人才
- 2018 年 11 月 广东省“珠江人才计划”青年拔尖人才

# Curriculum Vitae – Hongyou Liu

## Personal Information

**Name:** Hongyou LIU      **Gender:** Male      **Nationality:** China      **Mobile Phone:** +86 18145766112

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**Current Address:** Room 419, Building of Art and Sport No. 3, South China Normal University, Higher Education Mega Centre, Guangzhou, Guangdong, China, 510006

## Working Experience

- 11/2020 to present      Professor, School of Physical Education & Sports Science, South China Normal University, China
- 01/2016 to 10/2020      Associate Professor, School of Physical Education & Sports Science, South China Normal University, China

## Education

- 2015 Ph.D. in Physical Activity and Sport Sciences, Technical University of Madrid (UPM) /Autonomous University of Madrid (UAM), Spain  
Supervisor: Miguel A. Gomez
  - 12/2013, Exchange in Auckland University of Technology, Auckland, New Zealand  
Supervisor: Will G. Hopkins
  - 03-06/2014, Exchange in Gdansk University of Physical Education and Sport, Gdansk, Poland  
Supervisor: Patrycja Lipinska
  - 12/2014-02/2015, Exchange in University of Trás-os-Montes and Alto Douro, Portugal  
Supervisor: Jaime Sampaio
- 2012 Master of Education, Shenzhen University, China
- 2009 Bachelor of Economics, Guangzhou Sport University, China

## Selected Publications ( “\*” Corresponding Author)

1. Li P, Zhong S, Chmura P and **Liu H\*** (2023) Match performance of football teams in different competition phases: Analysis on the data of eight consecutive seasons in the Chinese Super League. *Front. Psychol.* 13:1069082.
2. Chmura P, **Liu H**, Andrzejewski M, Tessitore A, Sadowski J, Chmura J, et al. (2022) Responses of soccer players performing repeated maximal efforts in simulated conditions of the FIFA World Cup Qatar 2022: A holistic approach. *PLoS ONE* 17(12): e0276314.
3. Ye S, Cheng H, Zhai Z and **Liu H.\*** (2021) Relationship Between Social Anxiety and Internet Addiction in Chinese College Students Controlling for the Effects of Physical Exercise, Demographic, and Academic Variables. *Front. Psychol.* 12:698748.

4. Zhai, Z. , Guo, Y. , Zhang, S. , Li, Y. , & **Liu, H.\*** (2021). Explaining positional differences of performance profiles for the elite female basketball players. *Frontiers in Psychology*, 11, 558750.
5. Li P., Zhang H., Zhang D., Jiang G., He J. and **Liu H.\***, (2021). Using Wearable Electronic Devices to Quantify the Physical and Physiological Response of Collegiate Students Participating in Leisure-Time Team Sports. 2021 International Conference on Information Technology and Contemporary Sports (TCS), pp. 628-631.
6. Jamil M, **Liu H**, Phatak A, & Memmert D. (2021) An investigation identifying which key performance indicators influence the chances of promotion to the elite leagues in professional European football, *International Journal of Performance Analysis in Sport*, 21:4, 641-650
7. Chmura P, **Liu H**, Andrzejewski M, Chmura J, Kowalczyk E, et al. (2021) Is there meaningful influence from situational and environmental factors on the physical and technical activity of elite football players? Evidence from the data of 5 consecutive seasons of the German Bundesliga. *PLOS ONE* 16(3): e0247771.
8. **Liu, H.\***, Wang, L., Huang, G., Zhang, H., & Mao, W. (2020) Activity profiles of full-match and substitution players in the 2018 FIFA World Cup, *European Journal of Sport Science*, 20 (5), 599-605.
9. Zhai, Z., Guo, Y., Li, Y., Zhang, S., & **Liu, H.\*** (2020). The regional differences in game-play styles considering playing position in the FIBA female continental basketball competitions. *International Journal of Environmental Research and Public Health*, 17, 5827.
10. Yi, Q., Gómez, M.-Á., **Liu, H.**, Gao, B., Wunderlich, F., & Memmert, D. (2020). Situational and Positional Effects on the Technical Variation of Players in the UEFA Champions League. *Frontiers in Psychology*, 11, 1201.
11. Yi, Q., **Liu, H.**, Nassis, G. P., & Gómez, M.-Á. (2020). Evolutionary Trends of Players' Technical Characteristics in the UEFA Champions League. *Frontiers in Psychology*, 11, 1032.
12. Yi, Q., Gomez, M.A., **Liu, H.**, Zhang, S., Gao, B., Wunderlich, F., Memmert, D. (2020). Evaluation of the Technical Performance of Football Players in the UEFA Champions League. *International Journal of Environmental Research and Public Health*, 17, 604.
13. Yi, Q., Groom, R., Dai, C., **Liu, H.\***, & Gomez, M.A. (2019) Differences in Technical Performance of Players from 'The Big Five' European Football Leagues in the UEFA Champions League. *Frontiers in Psychology*. 10, 2738.
14. Zhou, C.; Hopkins, W.G.; Mao, W.; Calvo, A.L.; **Liu, H.\*** (2019). Match Performance of Soccer Teams in the Chinese Super League: Effects of Situational and Environmental Factors. *International Journal of Environmental Research and Public Health*, 16, 4238
15. Yi, Q., Gomez, M.A., Wang, L., Huang, G., Zhang, H., & **Liu, H.\*** (2019). Technical and physical match performance of teams in the 2018 FIFA World Cup: Effects of two different playing styles. *Journal of Sports Sciences*. 37(22), 2569-2577
16. Tuo, Q., Wang, L., Huang, G., Zhang H., & **Liu, H.\*** (2019). Running Performance of Soccer Players during Matches in the 2018 FIFA World Cup: Differences among Confederations. *Frontiers in Psychology*. 10, 1044

17. Yi, Q., Gomez, M.A., **Liu, H.**\*, Sampaio, J. (2019). Variation of match statistics and football teams' match performance in the group stage of the UEFA Champions League from 2010 to 2017. *Kinesiology* 51(2), 170-181
18. Cui, Y., Liu, H., **Liu, H.**, & Gomez, M.A. (2019). Data-driven analysis of point-by-point performance for male tennis player in Grand Slams. *Motricidade*, 15(1), 49-61.
19. Yi, Q., Jia, H., **Liu, H.**\*, Gómez, M. A. (2018). Technical demands of different playing positions in the UEFA Champions League. *International Journal of Performance Analysis in Sport*. 18(6), 926-937.
20. Gimenez, J. V., **Liu, H.**, Lipińska, P., Szwarc, A., Paweł, & Ruano, M. A. G. (2018). Physical responses of professional soccer players during 4 vs. 4 small-sided games with mini-goals according to rule changes. *Biology of Sport*, 35(1), 75-81
21. Dolański, B., Rompa, P., **Liu, H.**, Wasielewski, K., & Szwarc, A. (2018). Time-motion characteristics of match-play in elite Polish youth soccer players of various playing positions. *Baltic Journal of Health and Physical Activity*, 10(3), 115-123.
22. Zhang, S., Lorenzo, A., Gómez, M. A., **Liu, H.**\*, Gonçalves, B., & Sampaio, J. (2017). Players' technical and physical performance profiles and game-to-game variation in NBA. *International Journal of Performance Analysis in Sport*. 17(4), 466-483
23. Cui, Y., Gómez, M. Á., Gonçalves, B., **Liu, H.**, & Sampaio, J. (2017). Effects of experience and relative quality in tennis match performance during four grand slams. *International Journal of Performance Analysis in Sport*, 17(5), 783-801
24. **Liu, H.**\*, Gomez, M. A., Concalves, B., Sampaio, J. (2016). Technical performance and match-to-match variation in elite football teams. *Journal of Sports Sciences*. 34(6): 509-518
25. **Liu, H.**\*, Hopkins, W. G., Gomez, M. A. (2016). Modelling relationships between match events and match outcome in elite football. *European Journal of Sport Science*. 16(5): 516-525
26. Mao, L., Peng, Z., **Liu, H.**\*, & Gomez, M. A. (2016). Identifying keys to win in the Chinese professional soccer league. *International Journal of Performance Analysis in Sport*. 16(3): 935-947
27. Fortes, A., Ruano, M.A.G., **Liu, H.**, & Sampedro, J. (2016). Inter-operator reliability of Videobserver. *Cuadernos de Psicología del Deporte*. 16(2), 136-152
28. **Liu, H.**\*, Gomez, M. A., Lago-Penas, C., & Sampaio, J. (2015). Match statistics related to winning in the group stage of 2014 Brazil FIFA World Cup. *Journal of Sports Sciences*. 33(12): 1205-1213
29. **Liu, H.**, Yi, Q., Gimenez, J. V., Gomez, M. A., Lago-Penas, C. (2015). Performance profiles of football teams in the UEFA Champions League considering situational efficiency. *International Journal of Performance Analysis in Sport*. 15(1):371-390
30. **Liu, H.**\*, Gomez, M. A., Lago-Penas, C. (2015). Match Performance Profiles of Goalkeepers of Elite Football Teams. *International Journal of Sports Science and Coaching*. 10(4):669-682
31. Mateus, N., Goncalves, B., Abade, E., **Liu, H.**, Torres-Ronda, L., Leite, N., & Sampaio, J. (2015). Game-to-game variability of technical and physical performance in NBA players. *International Journal of Performance Analysis in Sport*, 15(3), 764-776
32. **Liu, H.**, Hopkins, W., Gomez, M. A., Molinuevo, J. S., (2013). Inter-operator reliability of live football

match statistics from OPTA Sports data. *International Journal of Performance Analysis in Sport*. 13(3): 803-821

33. **Liu, H.**, Zhao G., Gomez, M. A., Molinuevo, J.S., Gimenez, J. V., Kang H. (2013). Time-motion analysis on Chinese male field hockey players. *International Journal of Performance Analysis in Sport*. 13(2): 340-352
34. **Liu, H.\***, Huang, C., Gimenez-Galanes, J.V. (2013). What makes an effective abstract in sport science? *Journal of Physical Education and Sport*. 13(1): 53-56

## Conference Presentations

1. A big-data analysis on the match performance of players and teams in the Chinese Super League of football. *International Conference on Information Technology and Contemporary Sports*, 2022, Guangzhou, China. Invited Report.
2. Technical and Physical Performance of Football Teams in the Chinese Super League: Effects of Situational and Environmental Factors. *World Congress on Science and Football*. 2019, Melbourne, Australia. Oral Presentation.
3. Performance Indicators Related to Winning in the Chinese Football Association Super League. *International Convention on Science, Education and Medicine in Sport*. 2016, Santos, Brazil. Oral Presentation.
4. Relationships between Match Performance Indicators and Match Outcome in 2014 Brazil FIFA World Cup. *International Congress of Spanish Association of Sport Sciences*. 2014, Caceres, Spain. Oral Presentation.
5. Analysis on the match physical demand characteristics of Chinese elite male field hockey players. *Congress of European College of Sport Science*. 2013, Barcelona, Spain. Mini-oral Presentation.

## Research Grants

1. “Current issues in the field of performance analysis of football”, funded by the Department of Finance of Guangdong Province with grant no. 2022506C8304817, funding amount: RMB 200,000.
2. “Modelling the performance of Chinese professional football in the perspective of productivity”, funded by the National Social Science Fund of China (NSSFC) with grant no.19CTY014, funding amount: RMB 200,000.
3. “Quantification and evaluation on the athletic performance based on novel statistical models”, funded by the Guangdong Science and Technology Collaborative Innovation Centre for Sports with grant no. 2019B110210004, funding amount: RMB 200,000.
4. “Monitoring of training and match load of collegiate football players in Guangzhou”, funded by the Social Science Fund of Guangzhou with grant no. 2017GZYB11, funding amount: RMB 50,000.
5. “Methods and practices of football ‘big data’ analysis”, funded by the Project of Youth Innovative Talents in Colleges and Universities from Department of Education of Guangdong Province with grant no. 2016WQNCX015, funding amount: RMB 50,000.

## Journal Referees

Journal of Sports Sciences  
European Journal of Sport Science  
Research Quarterly for Exercise and Sport  
Science and Medicine in Football  
Frontiers in Psychology  
Frontiers in Physiology  
BMC Sports Science, Medicine and Rehabilitation  
Plos One  
Human Movement Science  
International Journal of Performance Analysis in Sport  
International Journal of Sports Science and Coaching  
International Journal of Environmental Research and Public Health  
Biology of Sport  
Journal of Applied Statistics  
Perceptual and Motor Skills  
Journal of Quantitative Analysis of Sports  
Sports Medicine and Health Science  
RICYDE: Revista Internacional de Ciencias del Deporte  
Human Movement

## Honors and Awards

03/2023 Elsevier Most Cited Chinese Researcher (Sports Sciences)  
04/2022 Elsevier Most Cited Chinese Researcher (Sports Sciences)  
04/2021 Elsevier Highly Cited Chinese Researcher (Sports Sciences)  
09/2012 China Scholarship Council (CSC) Scholarship

## Language Skills

English: Advanced (IELTS: 7.5)      Spanish: Fluent (B<sub>1</sub>)      Portuguese: Basic (A<sub>1</sub>)  
Chinese Mandarin (native)      Cantonese (proficient)

## References

Prof. Dr. William G. Hopkins, Victoria University, Melbourne, Australia  
Email: willthekiwi@gmail.com  
Dr. Jaime Sampaio, CreativeLab, University of Trás-os-Montes and Alto Douro, Portugal  
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Dr. Miguel Angel Gomez Ruano, Facultad de Ciencias de la Actividad Física y del Deporte, INEF, UPM  
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