

## Asst. Prof. DENİZ ŞENTÜRK

### Personal Information

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### International Researcher IDs

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### Education Information

Postgraduate, Kütahya Dumlupınar University, Sosyal Bilimler Enstitüsü, Beden Eğitimi Ve Spor (YI) (Tezli), Turkey 2016 - 2018

Undergraduate, Anadolu University, Spor Bilimleri Fakültesi, Antrenörlük Eğitimi Bölümü, Turkey 2011 - 2015

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, Certification Strength and Conditioning Specialist, Spor Science, 2020

### Academic Titles / Tasks

Lecturer, Istanbul Gelisim University, Gelişim Meslek Yüksekokulu, 2019 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Validity and reliability of velocity and power measures provided by the Vitruve linear position transducer**  
Şentürk D.  
PLOS ONE, vol.19, no.10, pp.1-14, 2024 (SCI-Expanded)
- II. **Hexagonal barbell deadlift one-repetition maximum estimation using velocity recordings.**  
Janicijevic D., Senturk D., Akyildiz Z., Gu Y., García-Ramos A.  
International journal of sports medicine, 2024 (SCI-Expanded)
- III. **Using velocity recordings to predict squat repetitions to failure in high-level wrestlers**  
Janicijevic D., ŞENTÜRK D., Akyildiz Z., Weakley J., García-Ramos A.  
European Journal of Sport Science, vol.24, no.3, pp.364-371, 2024 (SCI-Expanded)
- IV. **The concurrent validity and reliability of the My Jump Lab smartphone app for the real-time measurement of vertical jump performance**  
ŞENTÜRK D., Yüksel O., Akyildiz Z.

Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2024 (SCI-Expanded)

V. **Load-Velocity Relationship Variables to Assess the Maximal Neuromuscular Capacities During the Back-Squat Exercise**

Pérez-Castilla A., Jukic I., Janicijevic D., Akyildiz Z., Senturk D., García-Ramos A.

Sports Health, vol.14, no.6, pp.885-893, 2022 (SCI-Expanded)

VI. **Investigation of the convergent validity and reliability of unit position differences of Catapult S5 GPS units in field conditions**

Akyildiz Z., Clemente F. M., Şentürk D., Gürol B., Yildiz M., Ocak Y., GÜNAY M.

Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2022 (SCI-Expanded)

VII. **Assessment of back-squat performance at submaximal loads: Is the reliability affected by the variable, exercise technique, or repetition criterion?**

Pérez-Castilla A., Janicijevic D., Akyildiz Z., Senturk D., García-Ramos A.

International Journal of Environmental Research and Public Health, vol.18, no.9, 2021 (SCI-Expanded)

## Articles Published in Other Journals

I. **Prediction of Percentage of Completed Repetitions to Failure Using Velocity Loss: Does the Relationship Remain Stable throughout a Training Session?**

Şentürk D.

Applied Sciences, vol.14, no.11, pp.1-10, 2024 (Scopus)

II. **Plantar Fleksörlere Uygulanan Kombine Köpük Yuvarlama ve Statik Pasif Esneme Egzersizlerinin Hareket Açıklığı ve Dikey Sıçrama Performansına Etkisi**

GÜR S., KUMAK A., ŞENTÜRK D.

Uluslararası Holistik Sağlık, Spor ve Rekreasyon Dergisi, vol.2, no.2, pp.131-143, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

I. **İzoinersiyal Dirençle Yapılan Kompleks Antrenmanların Post Aktivasyon Potansiyeline Etkisi**

ŞENTÜRK D., KALE M., NAZİK N. K., ÇELEBİ Ş.

17th International Sport Sciences Congress, Antalya, Turkey, 13 - 16 November 2019