

## Prof. Receb Faruk YÜKSELER

### Personal Information

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

- I. **Nonlinear buckling and post-buckling analyses of functionally graded circular shallow arches**  
Tekin Atacan A., Yükseler R. F.  
Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, vol.238, no.10, pp.4768-4789, 2024 (SCI-Expanded)
- II. **Stress-driven nonlocal model on snapping of doubly hinged shallow arches**  
ALTEKİN M., YÜKSELER R. F.  
Mechanics of Advanced Materials and Structures, vol.30, no.6, pp.1223-1233, 2023 (SCI-Expanded)
- III. **Snap-through instability of slightly curved beams under sinusoidal loading based on nonlocal elasticity theory**  
Tekin Atacan A., Yükseler R. F.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.8, pp.2940-2960, 2022 (SCI-Expanded)
- IV. **Snap-buckling and post-buckling analyses of fixed supported beams having initially small circular imperfection under the effect of uniformly distributed vertical load**  
Tekin Atacan A., Yükseler R. F.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.2, pp.1091-1102, 2022 (SCI-Expanded)
- V. **Exact nonlocal solutions of circular nanoplates subjected to uniformly distributed loads and nonlocal concentrated forces**  
YÜKSELER R. F.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.42, no.1, 2019 (SCI-Expanded)
- VI. **Local and nonlocal buckling of Mooney-Rivlin rods**  
YÜKSELER R. F.  
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.78, 2019 (SCI-Expanded)
- VII. **Effect of Compressibility on Nonlinear Buckling of Simply Supported Polyurethane Spherical Shells Subjected to an Apical Load**  
Yildirim B., Yukseler R. F.  
JOURNAL OF ELASTOMERS AND PLASTICS, vol.43, no.2, pp.167-187, 2011 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Normal Stresses in the Elastic Body with a Locally Curved Double Walled Carbon Nanotube**  
KAYIKÇI F., KÖŞKER R., YÜKSELER R. F.  
3rd International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2014), Viyana, Austria, 25 August 2014, pp.184
- II. **Axisymmetric Large Deflection Analysis of a Simply Supported Circular Plate under Transverse Load**  
YÜKSELER R. F.

ICCES Special Symposium on Meshless & Other Novel Computational Methods, 01 September 2011

**III. Large Deflection Analysis of Clamped Circular Plates**

YÜKSELER R. F.

World Congress on Engineering 2011 (WCE 2011), 01 July 2011

**IV. A Note on Two Different Definitions of Reference Surface of Deformed Rubber-Like Shells**

YÜKSELER R. F.

International Conference on Computational & Experimental Engineering and Sciences, 01 April 2011

**V. ....**

YÜKSELER R. F.

World Congress on Engineering 2011 (WCE 2011)

**VI. ....**

YÜKSELER R. F.

International Conference on Computational & Experimental Engineering and Sciences

## **Supported Projects**

YÜKSELER R. F., Çatlak İçeren Üç Katlı (Sandwich) Kalın Plakların Delaminasyonu, 2010 - 2011

## **Metrics**

Publication: 16

Citation (WoS): 10

Citation (Scopus): 31

H-Index (WoS): 3

H-Index (Scopus): 4