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Education

Doctorate 1991 - 2002	Istanbul Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey
Postgraduate 1988 - 1990	University of Newcastle Upon Tyne, Faculty Of Engineering, Department Of Marine Technology, United Kingdom
Undergraduate 1982 - 1986	Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey

Foreign Languages

English, B1 Intermediate

Academic Titles / Tasks

Associate Professor 2017 - Continues	Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering
Assistant Professor 2006 - 2017	Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering

Supported Projects

1. USLU UYSAL M., BAYER İ., Project Supported by Higher Education Institutions, Nano Grafen Takviyeli Yapıştırıcıların Performansının Deneysel ve Nümerik İncelenmesi, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Buckling of Laminated Elliptical and Super-Elliptical Thin Plates**
Altunsaray E., Bayer İ.
TEKNIK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, vol.33, no.5, pp.12525-12552, 2022 (SCI-Expanded)
2. **Buckling Analysis of Symmetrically Laminated Rectangular Thin Plates under Biaxial Compression**

- Altunsaray E., Bayer İ.
Teknik Dergi, vol.32, no.6, pp.1-28, 2021 (SCI-Expanded)
3. **Buckling of symmetrically laminated quasi-isotropic thin rectangular plates**
Altunsaray E., BAYER İ.
STEEL AND COMPOSITE STRUCTURES, vol.17, no.3, pp.305-320, 2014 (SCI-Expanded)
 4. **Deflection and free vibration of symmetrically laminated quasi-isotropic thin rectangular plates for different boundary conditions**
Altunsaray E., BAYER İ.
OCEAN ENGINEERING, vol.57, pp.197-222, 2013 (SCI-Expanded)
 5. **Some Comments on 'Exact Large Deflection Analysis of Nonprismatic Cantilever Beams of Nonlinear Bimodulus Material Subjected to Tip Moment'**
Baykara C., GÜVEN U., BAYER İ.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.16, pp.2401, 2010 (SCI-Expanded)
 6. **Large deflections of a cantilever beam of nonlinear bimodulus material subjected to an end moment**
Baykara C., Guven U., Bayer I.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.24, no.12, pp.1321-1326, 2005 (SCI-Expanded)
 7. **Comments on "A parametric study on vibrating clamped elliptical plates with variable thickness" - Author's reply**
Bayer I., Guven U., Altay G.
JOURNAL OF SOUND AND VIBRATION, vol.266, no.2, pp.391, 2003 (SCI-Expanded)
 8. **Comments on "A parametric study on vibrating clamped elliptical plate with variable thickness" - Author's reply**
Bayer I., Guven U., Altay G.
JOURNAL OF SOUND AND VIBRATION, vol.266, no.2, pp.393, 2003 (SCI-Expanded)
 9. **A parametric study on vibrating clamped elliptical plates with variable thickness**
Bayer I., Guven U., Altay G.
JOURNAL OF SOUND AND VIBRATION, vol.254, no.1, pp.179-188, 2002 (SCI-Expanded)

Articles Published in Other Journals

1. **İstanbul Boğazında Yolcu Gemileri ve Hava Kirliliği**
Vardar N., Bayer İ., Gürdeniz H., Kesgin U.
DENİZ TİCARETİ, vol.1, no.16, pp.30-34, 1999 (Non Peer-Reviewed Journal)

Metrics

Publication: 12
Citation (WoS): 61
Citation (Scopus): 70
H-Index (WoS): 4
H-Index (Scopus): 4

Research Areas

Naval Architecture and Marine Engineering, Ship Construction, Engineering and Technology