

# Vahit MermertaÅ

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

115  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic stability of radially stiffened annular plates. Computers and Structures, 1991, 40, 651-657.	4.4	16
2	Optimal design of manipulator with four-bar mechanism. Mechanism and Machine Theory, 2004, 39, 545-554.	4.5	14
3	ON THE EIGENVALUES OF A VISCOUSLY DAMPED CANTILEVER CARRYING A TIP MASS. Journal of Sound and Vibration, 1998, 216, 309-314.	3.9	13
4	Static and dynamic stability of variable thickness annular plates. Journal of Sound and Vibration, 1990, 141, 435-448.	3.9	12
5	A study on annular plates with radial through cracks by means of sector type element. Journal of Sound and Vibration, 2007, 300, 466-478.	3.9	12
6	Natural frequencies of annular plates with circumferential cracks by means of sector element. Engineering Fracture Mechanics, 2008, 75, 1143-1155.	4.3	12
7	Dynamic interaction between the vehicle and simply supported curved bridge deck. Computer Methods in Applied Mechanics and Engineering, 1998, 162, 125-131.	6.6	11
8	LONGITUDINAL VIBRATIONS OF RODS COUPLED BY A DOUBLE SPRING-MASS SYSTEM. Journal of Sound and Vibration, 1997, 202, 748-755.	3.9	10
9	Preservation of the fundamental natural frequencies of rectangular plates with mass and spring modifications. Journal of Sound and Vibration, 2004, 276, 440-448.	3.9	10
10	Stability of variably thick orthotropic annular plates. International Journal of Mechanical Sciences, 1994, 36, 737-749.	6.7	5