

# Jaan A Lellep

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

91  
citations

1684188

5  
h-index

1474206

9  
g-index

22  
all docs

22  
docs citations

22  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing the 3D-microbattery geometry using the level-set method. Journal of Power Sources, 2013, 244, 417-428.	7.8	22
2	Parametrical optimization of plastic cylindrical shells in the post-yield range. International Journal of Engineering Science, 1985, 23, 1289-1303.	5.0	11
3	Buckling of Beams and Columns with Defects. International Journal of Structural Stability and Dynamics, 2016, 16, 1550048.	2.4	9
4	Optimization of clamped rigid-plastic shallow shells of piecewise constant thickness. International Journal of Non-Linear Mechanics, 1994, 29, 625-636.	2.6	8
5	Free Vibrations of Plates on Elastic Foundation. Procedia Engineering, 2013, 57, 489-496.	1.2	7
6	Parametrical optimization of plastic beams in the post-yield range. International Journal of Engineering Science, 1982, 20, 67-75.	5.0	5
7	Optimization of inelastic cylindrical shells with internal supports. Structural and Multidisciplinary Optimization, 2010, 41, 841-852.	3.5	5
8	Natural Vibration of Axially Graded Multi-cracked Nanobeams in Thermal Environment Using Power Series. Journal of Vibration Engineering and Technologies, 2023, 11, 1-18.	2.2	5
9	Optimal design of rigid-plastic cylindrical shells in the post-yield range. International Journal of Solids and Structures, 1987, 23, 651-664.	2.7	4
10	Buckling analysis of cantilever nanobeams with defects. Applied Nanoscience (Switzerland), 2022, 12, 1021-1027.	3.1	3
11	Plastic response of conical shells with stiffeners to blast loading. Acta Et Commentationes Universitatis Tartuensis De Mathematica, 2020, 24, 5-18.	0.1	3
12	Elastic Stability of Uniform and Hollow Columns. Procedia Engineering, 2017, 172, 570-577.	1.2	2
13	Inelastic response of axisymmetric plates with cracks. International Journal of Mechanics and Materials in Design, 2006, 3, 237-251.	3.0	1
14	Optimization of Inelastic Cylindrical Shells with Stiffeners. , 2008, , 545-553.		1
15	Optimization of Stepped Elastic Plastic Plates. Advanced Materials Research, 2013, 742, 209-214.	0.3	1
16	Free Vibrations of Uniform and Hollow-sectional Elastic Arches. Procedia Engineering, 2017, 172, 640-648.	1.2	1
17	Optimization of Elastic Plastic Plates Made of Homogeneous and Composite Materials. , 2013, , 43-48.		1
18	Natural Vibrations of Stepped Arches. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Buckling of nanobeams and nanorods with cracks. , 0, , .		1
20	Free vibration of rectangular nanoplate strips. , 0, , .		0