

# K A Seffen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10541098/publications.pdf>

Version: 2024-02-01

15  
papers

1,138  
citations

840585

11  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bistable polar-orthotropic shallow shells. Royal Society Open Science, 2019, 6, 190888.	1.1	11
2	Effects of boundary conditions on bistable behaviour in axisymmetrical shallow shells. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170230.	1.0	16
3	Curling of a Heated Annulus. Journal of Applied Mechanics, Transactions ASME, 2016, 83, .	1.1	3
4	Surface Texturing Through Cylinder Buckling. Journal of Applied Mechanics, Transactions ASME, 2014, 81, .	1.1	23
5	Absence of branches from xylan in Arabidopsis <i>gux</i> mutants reveals potential for simplification of lignocellulosic biomass. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17409-17414.	3.3	283
6	Mathematical Modeling of Skin Bioheat Transfer. Applied Mechanics Reviews, 2009, 62, .	4.5	171
7	Thermally-Induced Change in the Relaxation Behavior of Skin Tissue. Journal of Biomechanical Engineering, 2009, 131, 071001.	0.6	19
8	EFFECT OF THERMAL DAMAGE ON COMPRESSIVE BEHAVIOR OF SKIN TISSUE. Journal of Mechanics in Medicine and Biology, 2009, 09, 81-104.	0.3	13
9	Skin biothermomechanics for medical treatments. Journal of the Mechanical Behavior of Biomedical Materials, 2008, 1, 172-187.	1.5	43
10	Biothermomechanical behavior of skin tissue. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 1-23.	1.5	110
11	Progressive Collapse of the World Trade Center: Simple Analysis. Journal of Engineering Mechanics - ASCE, 2008, 134, 125-132.	1.6	35
12	An Exercise in Elementary Smart Structures. International Journal of Mechanical Engineering Education, 2002, 30, 59-72.	0.6	3
13	Analysis of Coiled Piezoelectric Structures. Solid Mechanics and Its Applications, 2002, , 215-227.	0.1	0
14	A SIMULATED ANNEALING ALGORITHM FOR MULTIOBJECTIVE OPTIMIZATION. Engineering Optimization, 2000, 33, 59-85.	1.5	201
15	Deployment dynamics of tape springs. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 1999, 455, 1003-1048.	1.0	207