

Ryszard Buczkowski

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

323
citations

840776

11
h-index

839539

18
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18
all docs

18
docs citations

18
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear buckling and post-buckling response of stiffened FGM plates in thermal environments. Composites Part B: Engineering, 2017, 109, 238-247.	12.0	52
2	ELASTO-PLASTIC INTERFACE MODEL FOR 3D-FRICTIONAL ORTHOTROPIC CONTACT PROBLEMS. International Journal for Numerical Methods in Engineering, 1997, 40, 599-619.	2.8	48
3	Finite element modelling of thick plates on two-parameter elastic foundation. International Journal for Numerical and Analytical Methods in Geomechanics, 2001, 25, 1409-1427.	3.3	47
4	Statistical Models of Rough Surfaces for Finite Element 3D-Contact Analysis. Archives of Computational Methods in Engineering, 2009, 16, 399-424.	10.2	32
5	A stochastic model of rough surfaces for finite element contact analysis. Computer Methods in Applied Mechanics and Engineering, 1999, 169, 43-59.	6.6	21
6	Elasto-plastic statistical model of strongly anisotropic rough surfaces for finite element 3D-contact analysis. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 5141-5161.	6.6	19
7	Ultrasonic Measurements of Contact Stiffness Between Rough Surfaces. Journal of Tribology, 2014, 136, .	1.9	16
8	A study of the surface roughness in elasto-plastic shrink fitted joint. Tribology International, 2016, 98, 125-132.	5.9	16
9	Nonlinear free vibration of pre- and post-buckled FGM plates on two-parameter foundation in the thermal environment. Composite Structures, 2016, 137, 85-92.	5.8	16
10	Postbuckling analysis of functionally graded plates on an elastic foundation. Composite Structures, 2015, 132, 842-847.	5.8	14
11	21-node hexahedral isoparametric element for analysis of contact problems. Communications in Numerical Methods in Engineering, 1998, 14, 681-692.	1.3	12
12	Statistical model of strongly anisotropic rough surfaces for finite element contact analysis. International Journal for Numerical Methods in Engineering, 2000, 49, 1169-1189.	2.8	9
13	Analysis of Bolt Joint Using the Finite Element Method. Archive of Mechanical Engineering, 2010, 57, 275-292.	0.7	7
14	Elastic-Plastic Buckling and Postbuckling Finite Element Analysis of Plates Using Higher-Order Theory. International Journal of Structural Stability and Dynamics, 2021, 21, 2150095.	2.4	5
15	Deformation-Induced Roughening by Contact Compression in the Presence of Oils with Different Viscosity: Experiment and Numerical Simulation. Tribology Letters, 2020, 68, 1.	2.6	4
16	28-noded hexahedral isoparametric element for analysis of contact problems. Communications in Numerical Methods in Engineering, 2004, 20, 147-161.	1.3	3
17	Elasto-Plastic Response of Thick Plates Built in Functionally Graded Material Using the Third Order Plate Theory. Computational Methods in Applied Sciences (Springer), 2018, , 185-199.	0.3	1
18	Pilot Tests and Fouling Identification in the Ultrafiltration of Model Oily and Saline Wastewaters. Ecological Chemistry and Engineering S, 2019, 26, 493-507.	1.5	1