

Athanasios Zisis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1134422/publications.pdf>

Version: 2024-02-01

28
papers

609
citations

840585

11
h-index

580701

25
g-index

28
all docs

28
docs citations

28
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Cylindrical indentation in micropolar elasticity. Applied Mathematical Modelling, 2022, 104, 373-385.	2.2	5
2	Steady-state antiplane crack considering the flexoelectrics effect: surface waves and flexoelectric metamaterials. Archive of Applied Mechanics, 2021, 91, 713-738.	1.2	7
3	Uniformly moving antiplane crack in flexoelectric materials. European Journal of Mechanics, A/Solids, 2021, 85, 104136.	2.1	11
4	Analysis of the Tilted Shallow Wedge Problem in Couple-Stress Elasticity. Journal of Elasticity, 2021, 144, 205-221.	0.9	8
5	Uniformly moving screw dislocation in flexoelectric materials. European Journal of Mechanics, A/Solids, 2019, 78, 103843.	2.1	10
6	The Hertz contact problem in couple-stress elasticity. International Journal of Solids and Structures, 2019, 168, 228-237.	1.3	46
7	Anti-plane loading of microstructured materials in the context of couple stress theory of elasticity: half-planes and layers. Archive of Applied Mechanics, 2018, 88, 97-110.	1.2	12
8	Burmister's problem extended to a microstructured layer. Journal of Mechanics of Materials and Structures, 2018, 13, 203-223.	0.4	7
9	Contact Mechanics in the Framework of Couple Stress Elasticity. Advanced Structured Materials, 2018, , 279-306.	0.3	1
10	A straightforward approach to Eringen's nonlocal elasticity stress model and applications for nanobeams. AIP Conference Proceedings, 2016, , .	0.3	4
11	Two-dimensional indentation of microstructured solids characterized by couple-stress elasticity. Journal of Strain Analysis for Engineering Design, 2016, 51, 318-331.	1.0	32
12	A contact problem in couple stress thermoelasticity: The indentation by a hot flat punch. International Journal of Solids and Structures, 2015, 63, 226-239.	1.3	32
13	Entry flows of polylactides with slip. Journal of Non-Newtonian Fluid Mechanics, 2014, 210, 78-84.	1.0	7
14	Some basic contact problems in couple stress elasticity. International Journal of Solids and Structures, 2014, 51, 2084-2095.	1.3	55
15	Analysis of Knoop indentation of cohesive frictional materials. Mechanics of Materials, 2013, 57, 53-74.	1.7	12
16	Capillary flow of low-density polyethylene. Polymer Engineering and Science, 2012, 52, 649-662.	1.5	44
17	Analysis of Knoop indentation strain hardening effects. International Journal of Solids and Structures, 2011, 48, 3217-3231.	1.3	12
18	Analysis of Knoop indentation. International Journal of Solids and Structures, 2011, 48, 175-190.	1.3	21

#	ARTICLE	IF	CITATIONS
19	The adhesive contact of a flat punch on a hyperelastic substrate subject to a pull-out force or a bending moment. <i>Mechanics of Materials</i> , 2011, 43, 1-24.	1.7	9
20	The elasticâ€plastic indentation response of a columnar thermal barrier coating. <i>Wear</i> , 2010, 268, 443-454.	1.5	29
21	The erosion of EB-PVD thermal barrier coatings: The competition between mechanisms. <i>Wear</i> , 2010, 268, 1214-1224.	1.5	38
22	Methods and Instruments for Assessing the in-Core Gamma Heating of Materials. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 837-847.	1.2	3
23	Criticality qualification of a new Monte Carlo code for reactor core analysis. <i>Annals of Nuclear Energy</i> , 2009, 36, 1689-1693.	0.9	6
24	Wedge indentation of elasticâ€plastic layered substrates: Designing against contact-induced plasticity. <i>Computational Materials Science</i> , 2009, 47, 275-285.	1.4	2
25	Modeling of Paste Extrusion in Semi-Solid State. <i>International Journal of Material Forming</i> , 2008, 1, 771-774.	0.9	0
26	Mechanisms of elastodynamic erosion of electron-beam thermal barrier coatings. <i>International Journal of Materials Research</i> , 2007, 98, 1196-1202.	0.1	8
27	Viscoplastic flow around a cylinder kept between parallel plates. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2002, 105, 1-20.	1.0	70
28	Flow of Bingham plastics in a lid-driven square cavity. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2001, 101, 173-180.	1.0	118