

Paul

List of Publications by Year in descending order

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27
papers

896
citations

1306789

7
h-index

610482

24
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all docs

27
docs citations

27
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanics and Computational Models for Laminated Piezoelectric Beams, Plates, and Shells. Applied Mechanics Reviews, 1999, 52, 305-320.	4.5	300
2	Layerwise mechanics and finite element for the dynamic analysis of piezoelectric composite plates. International Journal of Solids and Structures, 1997, 34, 359-378.	1.3	296
3	Discrete Layer Solution to Free Vibrations of Functionally Graded Magneto-Electro-Elastic Plates. Mechanics of Advanced Materials and Structures, 2006, 13, 249-266.	1.5	122
4	Two-Dimensional Static Fields in Magnetoelastoelectric Laminates. Journal of Intelligent Material Systems and Structures, 2004, 15, 689-709.	1.4	50
5	Static Fields in Magnetoelastoelectric Laminates. AIAA Journal, 2004, 42, 1435-1443.	1.5	44
6	Traction-free vibrations of finite trigonal elastic cylinders. Journal of the Acoustical Society of America, 2003, 113, 1812-1825.	0.5	16
7	Adaptive Wood Composite: Experiment. Journal of Structural Engineering, 2003, 129, 699-702.	1.7	7
8	Breakdown of frequency-spectra scaling of Si nanoparticles. Physical Review B, 2007, 76, .	1.1	7
9	Vibrational modes of nanolines. Nanotechnology, 2008, 19, 145707.	1.3	7
10	Resonant Acoustic Frequency Shifts Associated With Cracks in Multilayer Ceramic Capacitors. IEEE Transactions on Device and Materials Reliability, 2017, 17, 316-323.	1.5	7
11	Resonant acoustic nonlinearity and loss in additively manufactured stainless steel. AIP Conference Proceedings, 2019, , .	0.3	7
12	Time-domain analysis of resonant acoustic nonlinearity arising from cracks in multilayer ceramic capacitors. AIP Conference Proceedings, 2016, , .	0.3	6
13	The mechanics of plasticity in aluminum composite I-beams. Composite Structures, 2016, 136, 241-250.	3.1	6
14	Elastic constants of layers in isotropic laminates. Journal of the Acoustical Society of America, 2003, 114, 2618.	0.5	3
15	Ritz finite elements for curvilinear particles. Communications in Numerical Methods in Engineering, 2005, 22, 335-345.	1.3	3
16	Elastodynamic Characterization of Imprinted Nanolines. Materials Research Society Symposia Proceedings, 2006, 924, 1.	0.1	3
17	Elasticity alternatives to generalized Vlasov and Timoshenko models for composite beams. Composite Structures, 2016, 145, 80-88.	3.1	3
18	Simple cylindrical and spherical finite elements. International Journal for Numerical Methods in Engineering, 2017, 112, 2174-2182.	1.5	2

#	ARTICLE	IF	CITATIONS
19	A total Lagrangian elasticity formulation for the nonlinear free vibration of anisotropic beams. International Journal of Non-Linear Mechanics, 2020, 118, 103286.	1.4	2
20	Continuum-based free vibration of circular trigonal and isotropic plates. Journal of the Acoustical Society of America, 2013, 134, 1039-1048.	0.5	1
21	Elastic waves in sintered packings of planar discs and rings. Computational Particle Mechanics, 2015, 2, 209-220.	1.5	1
22	Coupled fields in layered thermomagnetoelastic spheres. Journal of Intelligent Material Systems and Structures, 2018, 29, 2782-2794.	1.4	1
23	Modal dynamics of twisted cables. Journal of Sound and Vibration, 2021, 514, 116431.	2.1	1
24	Effects of crystalline anisotropy on resonant acoustic loss of torsional quartz viscometers. Journal of the Acoustical Society of America, 2022, 151, 2135-2148.	0.5	1
25	Effective Mechanical Properties of Low-Density Fibrous Composites. International Journal for Computational Methods in Engineering Science and Mechanics, 2008, 9, 91-102.	1.4	0
26	Elastic Field and Frequency Variation in Extendable Wind Turbine Blades. Journal of Solar Energy Engineering, Transactions of the ASME, 2016, 138, .	1.1	0
27	Slenderness effects in the free vibration of laminated magnetoelastic beams. Smart Materials and Structures, 2017, 26, 085028.	1.8	0