

A Theory of Plasticity for Porous Materials and Particle-

Journal of Applied Mechanics, Transactions ASME

59, 261-268

DOI: 10.1115/1.2899515

Citation Report

#	ARTICLE	IF	CITATIONS
1	Thermal stress relief by plastic deformation in aligned two-phase composites. <i>Composites Part B: Engineering</i> , 1993, 3, 219-234.	0.6	5
2	Determination of transient and steady-state creep of metal-matrix composites by a secant-moduli method. <i>Composites Part B: Engineering</i> , 1993, 3, 661-674.	0.6	9
3	Plastic potential and yield function of porous materials with aligned and randomly oriented spheroidal voids. <i>International Journal of Plasticity</i> , 1993, 9, 271-290.	4.1	55
4	The influence of martensite shape, concentration, and phase transformation strain on the deformation behavior of stable dual-phase steels. <i>Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science</i> , 1993, 24, 301-314.	1.4	25
5	Estimation of yield strength for composites reinforced by grains. <i>International Journal of Fracture</i> , 1994, 68, R53-R56.	1.1	3
6	Plasticity of isotropic composites with randomly oriented and packeted inclusions. <i>International Journal of Plasticity</i> , 1994, 10, 553-578.	4.1	9
7	Pressure sensitivity and strength-differential effect of fiber-reinforced polymer matrix composites. <i>Mechanics of Materials</i> , 1994, 17, 329-349.	1.7	5
8	An energy criterion for the stress-induced martensitic transformation in a ductile system. <i>Journal of the Mechanics and Physics of Solids</i> , 1994, 42, 1699-1724.	2.3	64
9	Variational Estimates for the Elastoplastic Response of Particle-Reinforced Metal-Matrix Composites. <i>Applied Mechanics Reviews</i> , 1994, 47, S77-S94.	4.5	26
10	Mechanical behavior of particulate composites: Experiments and micromechanical predictions. <i>Journal of Applied Polymer Science</i> , 1995, 55, 263-278.	1.3	40
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12	A Theory of Inclusion Debonding and its Influence on the Stress-Strain Relations of a Ductile Matrix Composite. <i>International Journal of Damage Mechanics</i> , 1995, 4, 196-211.	2.4	30
14	Theoretical calculation of the stress-strain behavior of dual-phase metals with randomly oriented spheroidal inclusions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 1996, 27, 2359-2365.	1.1	6
15	Influence of random bridging on the elastic and elastoplastic properties of fiber-reinforced composites. <i>Acta Mechanica</i> , 1996, 116, 29-44.	1.1	3
16	The overall elastoplastic behavior of multiphase materials with isotropic components. <i>Acta Mechanica</i> , 1996, 119, 93-117.	1.1	58
17	Exact second-order estimates for the effective mechanical properties of nonlinear composite materials. <i>Journal of the Mechanics and Physics of Solids</i> , 1996, 44, 827-862.	2.3	295
18	Effect of void shape on the macroscopic response of non-linear porous solids. <i>International Journal of Plasticity</i> , 1996, 12, 45-68.	4.1	30
19	A method of plasticity for general aligned spheroidal void or fiber-reinforced composites. <i>International Journal of Plasticity</i> , 1996, 12, 439-449.	4.1	125

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21	Influence of Debonding Damage on a Crack Tip Field in Particulate-Reinforced Ductile-Matrix Composite. International Journal of Damage Mechanics, 1996, 5, 150-170.	2.4	10
22	Secant Moduli of a Glass Bead-Reinforced Silicone Rubber Specimen. Journal of Composite Materials, 1996, 30, 69-83.	1.2	11
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29	creep of a composite with dual viscoplastic phases. Composites Science and Technology, 1998, 58, 1803-1810.	3.8	3
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