

J G Swadener

List of Publications by Year in descending order

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11
papers

1,018
citations

933410

10
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Fatigue Measurement via a Vibrating Cantilever Beam for Self-Supported Thin Solid Films. <i>Experimental Mechanics</i> , 2006, 46, 503-517.	2.0	19
2	Two-dimensional viscoelastic discrete triangular system with negative-stiffness components. <i>Philosophical Magazine Letters</i> , 2006, 86, 99-112.	1.2	12
3	Thermal stability of sputter-deposited 330 austenitic stainless-steel thin films with nanoscale growth twins. <i>Applied Physics Letters</i> , 2005, 87, 2331-16.	3.3	38
4	Three-dimensional finite element analysis of the effects of anisotropy on bone mechanical properties measured by nanoindentation. <i>Journal of Materials Research</i> , 2004, 19, 114-123.	2.6	34
5	Strengthening mechanisms in nanostructured copper/304 stainless steel multilayers. <i>Journal of Materials Research</i> , 2003, 18, 1600-1606.	2.6	37
6	Molecular Dynamics Simulation of Brittle Fracture in Silicon. <i>Physical Review Letters</i> , 2002, 89, 085503.	7.8	136
7	Anisotropic properties of human tibial cortical bone as measured by nanoindentation. <i>Journal of Orthopaedic Research</i> , 2002, 20, 806-810.	2.3	212
8	Effects of anisotropy on elastic moduli measured by nanoindentation in human tibial cortical bone. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 57, 108-112.	3.1	127
9	Indentation of elastically anisotropic half-spaces by cones and parabolae of revolution. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2001, 81, 447-466.	0.6	142
10	Measurement of residual stress by load and depth sensing indentation with spherical indenters. <i>Journal of Materials Research</i> , 2001, 16, 2091-2102.	2.6	254
11	A Methodology for the Calibration of Spherical Indenters. <i>Materials Research Society Symposia Proceedings</i> , 1999, 594, 525.	0.1	7