

Etienne Patoor

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

813
citations

1684129
5
h-index

1872665
6
g-index

9
all docs

9
docs citations

9
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape memory alloys, Part I: General properties and modeling of single crystals. Mechanics of Materials, 2006, 38, 391-429.	3.2	404
2	Shape memory alloys, Part II: Modeling of polycrystals. Mechanics of Materials, 2006, 38, 430-462.	3.2	303
3	Constitutive Law for Ferroelastic and Ferroelectric Piezoceramics. Journal of Intelligent Material Systems and Structures, 2005, 16, 221-236.	2.5	46
4	Analysis of the deformation paths and thermomechanical parameter identification of a shape memory alloy using digital image correlation over heterogeneous tests. International Journal of Mechanical Sciences, 2015, 96-97, 13-24.	6.7	40
5	Phase Transformation of Anisotropic Shape Memory Alloys: Theory and Validation in Superelasticity. Shape Memory and Superelasticity, 2015, 1, 359-374.	2.2	16
6	Modélisation phénoménologique du comportement de céramiques ferroélectriques et ferroélastiques. Mécanique Et Industries, 2005, 6, 337-342.	0.2	2
7	Numerical Tool Based on Finite Element Method for SMA Structures Design. , 2008, , .		2
8	Identification of Model Parameter for the Simulation of SMA Structures Using Full Field Measurements. , 2015, , 191-200.		0