

# Denny D Tjahjanto

## List of Publications by Year in descending order

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12  
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	A micro-meso-model of intra-laminar fracture in fiber-reinforced composites based on a discontinuous Galerkin/cohesive zone method. <i>Engineering Fracture Mechanics</i> , 2013, 104, 162-183.	4.3	54
2	DAMASK: the Düsseldorf Advanced Material Simulation Kit for studying crystal plasticity using an FE based or a spectral numerical solver. <i>Procedia IUTAM</i> , 2012, 3, 3-10.	1.2	159
3	Parametric study of multiphase TRIP steels undergoing cyclic loading. <i>Computational Materials Science</i> , 2011, 50, 1490-1498.	3.0	4
4	Overview of constitutive laws, kinematics, homogenization and multiscale methods in crystal plasticity finite-element modeling: Theory, experiments, applications. <i>Acta Materialia</i> , 2010, 58, 1152-1211.	7.9	1,558
5	Comparison of texture evolution in fcc metals predicted by various grain cluster homogenization schemes. <i>International Journal of Materials Research</i> , 2009, 100, 500-509.	0.3	24
6	A Micromechanical Study of the Deformation Behavior of TRIP-Assisted Multiphase Steels as a Function of the Microstructural Parameters of the Retained Austenite. <i>Advanced Engineering Materials</i> , 2009, 11, 153-157.	3.5	9
7	Texture prediction from a novel grain cluster-based homogenization scheme. <i>International Journal of Material Forming</i> , 2009, 2, 523-526.	2.0	5
8	Relaxed grain cluster (RGC) homogenization scheme. <i>International Journal of Material Forming</i> , 2009, 2, 939-942.	2.0	5
9	Crystallographically based model for transformation-induced plasticity in multiphase carbon steels. <i>Continuum Mechanics and Thermodynamics</i> , 2008, 19, 399-422.	2.2	65
10	Transformation-induced plasticity in multiphase steels subjected to thermomechanical loading. <i>Philosophical Magazine</i> , 2008, 88, 3369-3387.	1.6	16
11	Micromechanical predictions of TRIP steel behavior as a function of microstructural parameters. <i>Computational Materials Science</i> , 2007, 41, 107-116.	3.0	43
12	Modelling of the effects of grain orientation on transformation-induced plasticity in multiphase carbon steels. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2006, 14, 617-636.	2.0	59