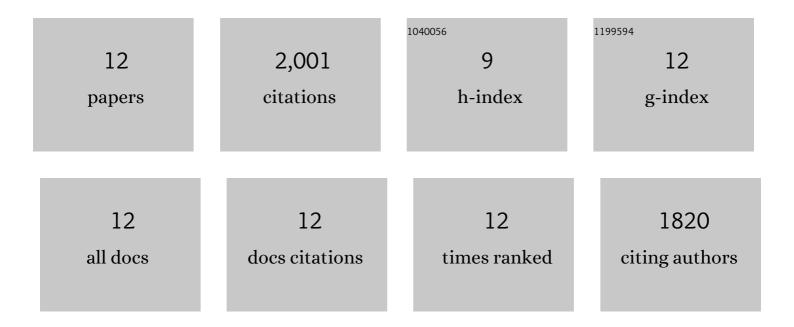
Denny D Tjahjanto

List of Publications by Year in descending order

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