

Dean T Pierce

List of Publications by Year in descending order

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8
papers

1,035
citations

1162889

8
h-index

1588896

8
g-index

8
all docs

8
docs citations

8
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of stacking fault energy on the microstructural and strain-hardening evolution of Fe-Mn-Al-Si steels during tensile deformation. <i>Acta Materialia</i> , 2015, 100, 178-190.	3.8	359
2	The influence of manganese content on the stacking fault and austenite/ μ -martensite interfacial energies in Fe-Mn-(Al-Si) steels investigated by experiment and theory. <i>Acta Materialia</i> , 2014, 68, 238-253.	3.8	300
3	Characterization of transition carbides in quench and partitioned steel microstructures by Mössbauer spectroscopy and complementary techniques. <i>Acta Materialia</i> , 2015, 90, 417-430.	3.8	114
4	Temperature effect on deformation mechanisms and mechanical properties of a high manganese C+N alloyed austenitic stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 642, 71-83.	2.6	86
5	Quantitative investigation into the influence of temperature on carbide and austenite evolution during partitioning of a quenched and partitioned steel. <i>Scripta Materialia</i> , 2016, 121, 5-9.	2.6	62
6	Stacking fault energy measurements of Fe-Mn-Al-Si austenitic twinning-induced plasticity steels. <i>Scripta Materialia</i> , 2012, 66, 753-756.	2.6	51
7	Single crystal elastic constants of high-manganese transformation- and twinning-induced plasticity steels determined by a new method utilizing nanoindentation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 578, 134-139.	2.6	47
8	Quenched and Partitioned CMnSi Steels Containing 0.3Åwt.% and 0.4Åwt.% Carbon. <i>Jom</i> , 2016, 68, 210-214.	0.9	16