

Peikang Xia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5658266/publications.pdf>

Version: 2024-02-01

7
papers

95
citations

1478505
6
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	High strain rate tensile behavior of a quenching and partitioning (Q&P) Fe-0.25C-1.5Si-3.0Mn steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 745, 53-62.	5.6	26
2	Effect of alloying and microstructure on formability of advanced high-strength steels processed via quenching and partitioning. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 831, 142217.	5.6	21
3	A new physical simulation tool to predict the interface of dissimilar aluminum to steel welds performed by friction melt bonding. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2048-2057.	10.7	15
4	High temperature in situ SEM assessment followed by ex situ AFM and EBSD investigation of the nucleation and early growth stages of Fe-Al intermetallics. <i>Scripta Materialia</i> , 2021, 200, 113910.	5.2	14
5	Mechanical behavior and microstructure evolution of a quenched and partitioned steel during drop weight impact and punch testing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 737, 18-26.	5.6	10
6	Microstructure evolution and adiabatic heating during dynamic biaxial deformation of a 304 stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 793, 139829.	5.6	6
7	Adiabatic heating and energy absorption capability of an advanced high strength steel during drop weight impact testing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 785, 139382.	5.6	3