

Eric Andrieu

List of Publications by Year in descending order

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14
papers

571
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of oxide films on primary water stress corrosion cracking initiation of alloy 600. Journal of Nuclear Materials, 2006, 348, 213-221.	2.7	165
2	Hydrogen embrittlement susceptibility of a high strength steel X80. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 7252-7260.	5.6	134
3	Investigations on the Diffusion of Oxygen in Nickel at 1000°C by SIMS Analysis. Journal of the Electrochemical Society, 2005, 152, E390.	2.9	51
4	Static and dynamic aspects of coupling between creep behavior and oxidation on MC2 single crystal superalloy at 1150 °C. Acta Materialia, 2005, 53, 4199-4209.	7.9	48
5	Injection of vacancies at metal grain boundaries during the oxidation of nickel. Acta Materialia, 2004, 52, 5375-5380.	7.9	44
6	Fatigue crack initiation and growth in a CrMo steel under hydrogen pressure. International Journal of Hydrogen Energy, 2015, 40, 17021-17030.	7.1	43
7	Role of metal-oxide interfacial reactions on the interactions between oxidation and deformation. Scripta Materialia, 1998, 39, 597-601.	5.2	19
8	Influence of δ phase precipitation on the stress corrosion cracking resistance of alloy 718 in PWR primary water. Journal of Nuclear Materials, 2008, 382, 70-75.	2.7	19
9	Micromechanical testing of ultrathin layered material specimens at elevated temperature. Materials at High Temperatures, 2016, 33, 325-337.	1.0	16
10	Effect of the metallurgical variables on the yield stress of PH 13-08 steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2005, 36, 2633-2639.	2.2	15
11	Effect of a heterogeneous distribution of particles on the formation of banded grain structure in wrought Alloy 718. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 396, 92-98.	5.6	11
12	Solid-State Phase Transformations Involving (Nb,Mo) ₂ CrB ₂ Borides and (Nb,Ti) ₂ CS Carbosulfides at the Grain Boundaries of Superalloy Inconel 718. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 6607-6629.	2.2	4
13	Flash oxidation tests to evidence the segregation of boron at the grain boundaries of superalloy Inconel 718. Materialia, 2021, 15, 100989.	2.7	2
14	Oxidation-assisted Cracking. , 2019, , 339-358.		0