

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