

Mikael Perrut

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

278
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature materials for aerospace applications: Ni-based superalloys and $\hat{1}^3$ -TiAl alloys. Comptes Rendus Physique, 2018, 19, 657-671.	0.9	110
2	Spiral Two-Phase Dendrites. Physical Review Letters, 2010, 104, 056101.	7.8	38
3	Role of transverse temperature gradients in the generation of lamellar eutectic solidification patterns. Acta Materialia, 2010, 58, 1761-1769.	7.9	35
4	An experimental method for the in situ observation of eutectic growth patterns in bulk samples of transparent alloys. Journal of Crystal Growth, 2007, 306, 465-472.	1.5	29
5	Long-time dynamics of the directional solidification of rodlike eutectics. Physical Review E, 2009, 79, 032602.	2.1	25
6	Dynamic instabilities of rod-like eutectic growth patterns: A real-time study. Acta Materialia, 2013, 61, 6802-6808.	7.9	20
7	Microstructure Evolution of Mechanically Alloyed ODS Ferritic Steels during Hot Extrusion. Solid State Phenomena, 0, 172-174, 721-726.	0.3	7
8	Instabilities in the periodic arrangement of elastically interacting precipitates in nickel-base superalloys. Acta Materialia, 2020, 187, 41-50.	7.9	7
9	$\hat{1}^3$ precipitation kinetics in the powder metallurgy superalloy N19 and influence of the precipitation latent heat. MATEC Web of Conferences, 2014, 14, 09004.	0.2	3
10	Influence of Si and C additions on microstructure and mechanical properties of the Ti-43.5Al-1Mo-4Nb-0.1B alloy. Materials at High Temperatures, 2016, 33, 542-548.	1.0	3
11	Effect of Au diffusion in Au-coated ($\hat{1}^3 + \hat{1}^{\pm 2}$) titanium aluminides. Intermetallics, 2018, 94, 29-37.	3.9	1