

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