

Is Batra

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

734
citations

933447

10
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and properties of a Cu-Cr-Zr alloy. Journal of Nuclear Materials, 2001, 299, 91-100.	2.7	211
2	Precipitation in 18 wt% Ni maraging steel of grade 350. Acta Materialia, 2000, 48, 1187-1200.	7.9	203
3	A dilatometric study of the continuous heating transformations in 18wt.% Ni maraging steel of grade 350. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 352, 318-324.	5.6	59
4	On the β to β' transformation in maraging (grade 350), PH 13-8 Mo and 17-4 PH steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 371, 324-334.	5.6	54
5	X-ray diffraction line profile analysis for defect study in Cu-1 wt.% Cr-0.1 wt.% Zr alloy. Materials Characterization, 2005, 54, 131-140.	4.4	49
6	Diffusion bonding of a Cu-Cr-Zr alloy to stainless steel and tungsten using nickel as an interlayer. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 369, 119-123.	5.6	48
7	Frequency dependence of the high temperature fatigue properties of He-implanted stainless steel. Journal of Nuclear Materials, 1983, 116, 136-140.	2.7	34
8	On the sequence of clustering and ordering in a meltspun Cu-Ti alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 360, 220-227.	5.6	26
9	Microstructure and properties of a Cu-Ti-Co alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 402, 118-125.	5.6	24
10	Mitigation of hydride embrittlement of zirconium by yttrium. Journal of Nuclear Materials, 2009, 389, 500-503.	2.7	19
11	Hydride embrittlement and oxidation resistance of some Zr-Nb-Y alloys. Journal of Nuclear Materials, 2013, 434, 389-394.	2.7	7
12	Precipitation in a Cu-4Ti-2Be alloy. Philosophical Magazine Letters, 2013, 93, 664-671.	1.2	0
13	THE INFLUENCE OF HELIUM ON THE HIGH TEMPERATURE FATIGUE LIFE OF AUSTENITIC STAINLESS STEEL. , 1986, , 973-979.		0