

Ewald Bischoff

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Formation Mechanisms of Alloying Element Nitrides in Recrystallized and Deformed Ferritic Fe-Cr-Al Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 4578-4593.	2.2	6
2	Continuous and discontinuous precipitation in Fe-1 at.%Cr-1 at.%Mo alloy upon nitriding; crystal structure and composition of ternary nitrides. Philosophical Magazine, 2016, 96, 1509-1537.	1.6	18
3	Interrelationships of defects, nitride modification and excess nitrogen in nitrated Fe-4.75 at.% Al alloy. International Journal of Materials Research, 2014, 105, 1057-1066.	0.3	17
4	Diffraction stress analysis of highly planar-faulted, macroscopically elastically anisotropic thin films and application to tensile loaded nanocrystalline Ni and Ni(W). Journal of Applied Crystallography, 2014, 47, 291-302.	4.5	10
5	Octapod-shaped, nanosized, amorphous precipitates in a crystalline ferrite matrix. Philosophical Magazine Letters, 2013, 93, 238-245.	1.2	23
6	Unusual nucleation and growth of Fe_3N iron nitride upon nitriding Fe-4.75 at.% Al alloy. Philosophical Magazine, 2012, 92, 1083-1105.	1.6	23
7	Unusual precipitation of amorphous silicon nitride upon nitriding Fe-2 at.% Si alloy. Philosophical Magazine, 2012, 92, 1435-1455.	1.6	38
8	Nitride Formation and Excess Nitrogen Uptake After Nitriding Ferritic Fe-Ti-Cr Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 934-944.	2.2	22
9	Nanoscale planar faulting in nanocrystalline Ni-W thin films: Grain growth, segregation, and residual stress. Journal of Materials Research, 2011, 26, 2558-2573.	2.6	16
10	Precipitation of Co from supersaturated Au ₉₀ Co ₁₀ : microstructure and kinetics. International Journal of Materials Research, 2011, 102, 1027-1041.	0.3	3
11	Site Occupation Reversal in the C14 Laves Phase Nb(Cr _{1-x} Co _x) ₂ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 637-648.	1.2	8
12	Examination of phase transformations in the system Fe-N-C by means of nitrocarburising reactions and secondary annealing experiments; the $\alpha + \gamma$ two-phase equilibrium. International Journal of Materials Research, 2007, 98, 1086-1092.	0.3	32
13	Fiber Coating Concepts for Brittle-Matrix Composites. Journal of the American Ceramic Society, 1993, 76, 1249-1257.	3.8	165
14	Microstructural Studies of the Interfacial Zone of a SiC-Fiber-Reinforced Lithium Aluminum Silicate Glass-Ceramic. Journal of the American Ceramic Society, 1989, 72, 741-745.	3.8	122
15	The Process of Tungsten-Nitride Precipitation upon Nitriding Ferritic Fe-0.5 at.% W Alloy. Defect and Diffusion Forum, 0, 334-335, 284-289.	0.4	0