Iver Anderson

List of Publications by Year
in descending order

16	337	1040056 9	940533 16
papers	citations	h-index	g-index

17	17	17	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing of Alnico Magnets by Additive Manufacturing. Applied Sciences (Switzerland), 2019, 9, 4843.	2.5	24
2	Texture development and coercivity enhancement in cast alnico 9 magnets. AIP Advances, 2018, 8, 056215.	1.3	2
3	Novel mechanisms for solid-state processing and grain growth with microstructure alignment in alnico-8 based permanent magnets. AIP Advances, 2018, 8, .	1.3	6
4	Development of controlled solid-state alignment for alnico permanent magnets in near-final shape. AIP Advances, 2017, 7, .	1.3	6
5	Microstructural and magnetic property evolution with different heat-treatment conditions in an alnico alloy. Acta Materialia, 2017, 133, 73-80.	7.9	51
6	Compression Molding and Novel Sintering Treatments for Alnico Type-8 Permanent Magnets in Near-Final Shape with Preferred Orientation. Jom, 2017, 69, 1706-1711.	1.9	7
7	Cluster-Expansion Model for Complex Quinary Alloys: Application to Alnico Permanent Magnets. Physical Review Applied, 2017, 8, .	3.8	7
8	New Alnico Magnets Fabricated From Pre-Alloyed Gas-Atomized Powder Through Diverse Consolidation Techniques. IEEE Transactions on Magnetics, 2015, 51, 1-3.	2.1	7
9	Novel pre-alloyed powder processing of modified alnico 8: Correlation of microstructure and magnetic properties. Journal of Applied Physics, 2015, 117, .	2.5	23
10	Role of the Applied Magnetic Field on the Microstructural Evolution in Alnico 8 Alloys. Metallurgical and Materials Transactions E, 2014, 1, 27-35.	0.5	12
11	Advanced gas atomization processing for Ti and Ti alloy powder manufacturing. Jom, 2010, 62, 35-41.	1.9	36
12	Highly tuned gas atomization for controlled preparation of coarse powder. Materialwissenschaft Und Werkstofftechnik, 2010, 41, 504-512.	0.9	13
13	Characterization of Hypereutectic Al-Si Powders Solidified under Far-From Equilibrium Conditions. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2007, 38, 1452-1457.	2.2	42
14	Effect of Zr substitution on microstructure and magnetic properties of YDy-based R2Fe14B magnets (R=Y+Dy+Nd). Journal of Applied Physics, 2005, 97, 10H106.	2.5	6
15	Isothermal aging of near-eutectic Sn-Ag-Cu solder alloys and its effect on electrical resistivity. Journal of Electronic Materials, 2003, 32, 1384-1391.	2.2	24
16	Microstructural modifications and properties of Sn-Ag-Cu solder joints induced by alloying. Journal of Electronic Materials, 2002, 31, 1166-1174.	2.2	71