David G Morris

List of Publications by Year
in descending order

17	400	1039406 9	1125271 13
papers	citations	h-index	g-index

17	17	17	276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of high strength, high ductility and high creep resistant iron aluminide. Intermetallics, 2004, 12, 821-826.	1.8	101
2	Bonding processes during the dynamic compaction of metallic powders. Materials Science and Engineering, 1983, 57, 187-195.	0.1	74
3	Recent Developments Toward the Application of Iron Aluminides in Fossil Fuel Technologies. Advanced Engineering Materials, 2011, 13, 43-47.	1.6	64
4	The effect of heat treatments on the microstructural stability of the intermetallic Tiâ€“46.5Alâ€“2Wâ€“0.5Si. Intermetallics, 2001, 9, 373-385.	1.8	51
5	Microstructural stability of Î³-based TiAl intermetallics containing Î² phase. Intermetallics, 2005, 13, 929-936.	1.8	30
6	Early crystallisation behaviour of an amorphous metal alloy. Scripta Metallurgica, 1982, 16, 585-588.	1.2	26
7	The influence of sigma phase on creep ductility in type 316 stainless steel. Scripta Metallurgica, 1979, 13, 1195-1196.	1.2	14
8	Glass-forming conditions during laser surface melting. Materials Science and Engineering, 1988, 97, 177-180.	0.1	14
9	Crystallization embrittlement of Ni-Si-B alloys. Journal of Materials Science, 1985, 20, 331-340.	1.7	9
10	Microstructure evolution leading to high strains during high temperature deformation of a Tiâ€“Al intermetallic. Intermetallics, 1999, 7, 1069-1079.	1.8	6
11	Effect of Equal Channel Angular Pressing (ECAP) on microstructure and properties of Al-FeAlCr intermetallic phase composites. Materials Research, 2014, 17, 775-780.	0.6	6
12	Embrittlement of Niî—¸Tiî—¸B glasses during crystallization. Materials Science and Engineering, 1988, 97, 279-283.	0.1	3
13	The Dynamic Compaction of Metallic Powders. Materials Research Society Symposia Proceedings, 1983, 28, 145.	0.1	2
14	Further comments on â€œBonding processes during the dynamic compaction of metallic powdersâ€• Materials Science and Engineering, 1983, 61, 290.	0.1	0
15	The Influence of Work Hardening, Internal Stresses, and Stress Relaxation on Ductility of Ultrafine Grained Materials Prepared by Severe Plastic Deformation. Materials Science Forum, 2009, 633-634, 263-272.	0.3	0
16	Processing iron aluminides by heavy deformation for improved room temperature strength-ductility and for high temperature creep strength. Materials Research Society Symposia Proceedings, 2011, 1295, 47.	0.1	0
17	High temperature creep strength in a nanodispersion-strengthened ferritic alloy prepared by heavy plastic deformation. Materials Research Society Symposia Proceedings, 2011, 1298, 263.	0.1	0