Nobuyoshi Imaoka

List of Publications by Year
in descending order

13 papers	368 citations	1307594 7 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	130 citing authors

#	Article	IF	Citations
1	Effect of nitrogen content on magnetic properties of Sm/sub 2/Fe/sub 17/N/sub x/ (0<x<6). IEEE Transactions on Magnetics, 1992, 28, 2326-2331.	2.1	255
2	Effect of Mn addition to Smî—¸Feî—¸N magnets on the thermal stability of coercivity. Journal of Alloys and Compounds, 1995, 222, 73-77.	5.5	49
3	High electrical resistance composite magnets of Sm2Fe17N3 powders coated with ferrite layer for high frequency applications. Journal of Applied Physics, 2008, 103, 07E129.	2.5	14
4	Nd$_{{x}}$ Fe$_{1-{x}}$ N$_{{y}}$ Magnetic Core Application for Resonance Coil of 13.56 MHz GaN Wireless Power Transmission. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	9
5	Exchange coupling between soft magnetic ferrite and hard ferromagnetic Sm2Fe17N3 in ferrite/Sm2Fe17N3 composites. AIP Advances, 2016, 6, .	1.3	8
6	Coercivity of Sm2Fe17N3 Compacted-Powder and Zinc-Bonded Magnets. Journal of the Magnetics Society of Japan, 1994, 18, 782-787.	0.4	8
7	Thermoelectric properties of the solid solutions based on ThSi2-type CeSi2 compound. Journal of Alloys and Compounds, 2006, 415, 12-15.	5.5	7
8	Ceâ€"Cuâ€"Sb system at 670/870K. Journal of Alloys and Compounds, 2006, 422, L5-L8.	5.5	6
9	Magnetic Properties and Microstructure of Mn-Substituted Sm2 (Fe, Mn)17Nx. Journal of the Magnetics Society of Japan, 1998, 22, 353-356.	0.4	5
10	Progress with insulating nanocomposites based on ferrite plating of Sm2Fe17N3 micropowders. Journal of Magnetism and Magnetic Materials, 2019, 476, 613-621.	2.3	3
11	Thermal stability of Sm2Fe17N3 magnet powders. Journal of Physics: Conference Series, 2017, 903, 012042.	0.4	2
12	Reduction of radiated emission from resonance coil in GaN wireless power transmission circuit by using Ndâ€"Feâ€"N magnetic material. AIP Advances, 2020, 10, 025121.	1.3	2
13	The Discovery of Sm2Fe17N3 Permanent Magnet Material.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1996, 43, 59-65.	0.2	0