

Nobuyoshi Imaoka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reduction of radiated emission from resonance coil in GaN wireless power transmission circuit by using Nd _x Fe _{1-x} N magnetic material. AIP Advances, 2020, 10, 025121.	1.3	2
2	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
3	Progress with insulating nanocomposites based on ferrite plating of Sm ₂ Fe ₁₇ N ₃ micropowders. Journal of Magnetism and Magnetic Materials, 2019, 476, 613-621.	2.3	3
4	Thermal stability of Sm ₂ Fe ₁₇ N ₃ magnet powders. Journal of Physics: Conference Series, 2017, 903, 012042.	0.4	2
5	Exchange coupling between soft magnetic ferrite and hard ferromagnetic Sm ₂ Fe ₁₇ N ₃ in ferrite/Sm ₂ Fe ₁₇ N ₃ composites. AIP Advances, 2016, 6, .	1.3	8
6	High electrical resistance composite magnets of Sm ₂ Fe ₁₇ N ₃ powders coated with ferrite layer for high frequency applications. Journal of Applied Physics, 2008, 103, 07E129.	2.5	14
7	Thermoelectric properties of the solid solutions based on ThSi ₂ -type CeSi ₂ compound. Journal of Alloys and Compounds, 2006, 415, 12-15.	5.5	7
8	Ce-Cu-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 Sm ₂ (Fe, Mn) ₁₇ N _x . Journal of the Magnetics Society of Japan, 1998, 22, 353-356.	0.4	5
10	The Discovery of Sm ₂ Fe ₁₇ N ₃ Permanent Magnet Material.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1996, 43, 59-65.	0.2	0
11	Effect of Mn addition to Sm-Fe-N magnets on the thermal stability of coercivity. Journal of Alloys and Compounds, 1995, 222, 73-77.	5.5	49
12	Coercivity of Sm ₂ Fe ₁₇ N ₃ Compacted-Powder and Zinc-Bonded Magnets. Journal of the Magnetics Society of Japan, 1994, 18, 782-787.	0.4	8
13	Effect of nitrogen content on magnetic properties of Sm ₂ /Fe ₁₇ /N _x (0<x<6). IEEE Transactions on Magnetics, 1992, 28, 2326-2331.	2.1	255